Making a difference...together

SAANICH PENINSULA WASTEWATER COMMISSION
Notice of Meeting on **Thursday, October 15, 2015 at 9 am**
Saanich Peninsula Treatment Plant Meeting Room, 9055 Mainwaring Road, North Saanich, BC

M. Williams (Chair)	P. Wainwright (Vice-Chair)	R. Barnhardt	M. Doehnel
Z. King	M. Lougher-Goodey	A. Rowland	C. Stock
J. Thornburgh	R. Windsor		

AGENDA

1. Approval of Agenda

2. Adoption of Minutes of September 17, 2015

3. Chair's Remarks

4. Presentations/Delegations
   - No one has registered to speak

5. 2016 Capital and Operating Budget (Report #SPWWC2015-11)

6. New Business

7. Adjournment

Distribution:
Staff/Town Halls, etc.

R. Lapham	T. Robbins	P. Robins, Central Saanich
L. Hutcheson	M. Cowley	D. McAllister, Central Saanich
D. Lokken	D. Robson	R. Buchan, North Saanich
A. Orr	I. Sander	P. O'Reilly, North Saanich
J. Poncelet	M. Montague	R. Humble, Sidney
G. Harris	Commission file	T. Tanton, Sidney
		Tsartlip First Nation

To ensure a quorum, advise Margaret at 250.474-9606 if you or your alternate cannot attend.
1787410

Making a difference...together

Minutes of a Meeting of the Saanich Peninsula Wastewater Commission
Held September 17, 2015 in the Saanich Peninsula Treatment Plant Meeting Room,
9055 Mainwaring Road, North Saanich, BC

PRESENT

COMMISSIONERS: P. Wainwright (Acting Chair); M. Lougher-Goodey, J. Thornburgh, C. Graham (for R. Windsor), M. Doehnel, C. Stock, A. Rowland, R. Barnhart

STAFF: T. Robbins, General Manager, Integrated Water Services; M. Cowley, Senior Manager, Infrastructure Engineering & Operations; I. Sander, Manager, Capital Projects; D. Puskas, Acting Manager, Wastewater Engineering and Planning; D. Robson, Manager, Saanich Peninsula & Gulf Island Operations; M. Montague (recorder)

ALSO PRESENT: P. O'Reilly, District of North Saanich

1. APPROVAL OF AGENDA

MOVED by Commissioner Stock, **SECONDED** by Commissioner Lougher-Goodey,
that the Saanich Peninsula Water Commission approve the agenda.

CARRIED

2. ADOPTION OF MINUTES

MOVED by Commissioner Lougher-Goodey, **SECONDED** by Commissioner Barnhart,
that the Saanich Peninsula Water Commission adopt the minutes of the June 18, 2015 meeting.

CARRIED

3. CHAIR'S REMARKS

The Chair made no remarks.

4. PRESENTATIONS/DELEGATIONS

None.

5. SAANICH PENINSULA WASTEWATER DEVELOPMENT COST CHARGES UPDATE

MOVED by Commissioner Stock, **SECONDED** by Commissioner Lougher-Goodey
That the Saanich Peninsula Wastewater Commission receive the staff report for information.

CARRIED

6. SAANICH PENINSULA WASTEWATER TREATMENT – CURRENT SOLUTIONS AND CONTINGENCIES AND FUTURE OPTIONS FOR SLUDGE DISPOSAL, BIOSOLIDS PRODUCTION AND USE AND POSSIBLE ENERGY PRODUCTION ALTERNATIVES

M. Cowley spoke to the report.

MOVED by Commissioner Lougher-Goodey, **SECONDED** by Commissioner Stock,
That the Saanich Peninsula Wastewater Commission receive the staff report for information and direct staff to add this item to an agenda of the Saanich Peninsula Wastewater Commission in the spring.

CARRIED

7. RENEWAL OF WASTEWATER SERVICE AGREEMENT WITH THE INSTITUTE OF OCEAN SCIENCES, PAUQUACHIN FIRST NATION AND TSEYCUM FIRST NATION

MOVED by Commissioner Stock, **SECONDED** by Commissioner Lougher-Goodey,
That the Saanich Peninsula Wastewater Commission receive the staff report for information.

CARRIED

8. CORRESPONDENCE

T. Robbins spoke to the draft letter to District of Central Saanich regarding the transfer of sewer infrastructure assets. Discussions will be held with the District of Central Saanich and staff will bring reports back to this Commission throughout the process.

MOVED by Commissioner Stock, **SECONDED** by Commissioner Lougher-Goodey,
That the Saanich Peninsula Water Commission receive the staff report for information.

CARRIED

9. NEW BUSINESS

None.

10. NEXT MEETING – The next meeting of the Saanich Peninsula Wastewater Commission will be held Thursday, October 15, 2015, at which time the 2016 Capital and Operating budget will be discussed.

11. ADJOURNMENT

MOVED by Commissioner Stock, **SECONDED** by Commissioner Lougher-Goodey,
that the Saanich Peninsula Water Commission meeting be adjourned at 10:13 am.

CARRIED

CHAIR

REPORT TO SAANICH PENINSULA WASTEWATER COMMISSION
MEETING OF THURSDAY, OCTOBER 15, 2015

SUBJECT **2016 OPERATING AND CAPITAL BUDGET**

ISSUE

This report provides an overview of the 2016 Saanich Peninsula Wastewater Service operating and capital budget, highlighting the changes from the 2015 budget and the proposed 2016 budget figures. The report generally follows the sequence of information provided in the attached draft budget document (Attachment 1).

BACKGROUND

2015 Operating Expenditures and Revenue

The actual 2015 overall operating expense for trunk sewer and treatment plant operations is projected to be $111,650 under budget primarily due to lower expenditures on equipment and structure repairs, and odour control chemical costs. The 2015 capital reserve fund transfer was increased by $96,661 to balance the projected year end budget.

Although the operating expenses are almost entirely funded through requisition based on each participant's percentage of total wastewater input, the District Energy System (DES) is projected to generate $60,000 in revenue from the sale of energy to the Panorama Recreation Centre. This revenue is $15,000 below the budgeted revenue of $75,000.

2016 Operating Expense

A net 3.95% increase in the 2016 operating expense in the amount of $118,191 is planned and results primarily from an adjustment to sludge disposal costs, labour costs, and electricity costs, and two continuous supplementary budget requests. The first supplementary budget request is for $5,500 for annual monitoring and response services for the treatment plant building and premise alarm system. The second supplementary budget request is for $14,050 to fund efforts to accredit the wastewater lab which is required for regulatory purposes and to provide funding for in-house emergency sample testing.

2016 Operating Revenue

As noted previously, although the operating expenses are almost entirely funded through requisition based on each participant's percentage of total wastewater input, the DES system is budgeted to generate $75,000 in revenue in 2016 from the sale of energy to the Panorama Recreation Centre (PRC). However, achieving this level of revenue will be subject to further energy rate discussions with PRC.

2016 cost sharing percentages based on prior year flows will be finalized in October and are not expected to change significantly from the 2015 cost sharing figures. The overall requisition for Saanich Peninsula trunk sewers, treatment and disposal for 2016 has been set at $3,294,932, which is a 2% increase over 2015.

2016 Capital Budget

The planned capital expenditures for 2016 total $538,000 funded from capital reserves. The 2016 capital program consists of several new projects, mostly related to the replacement of equipment that is at the end of the service life, or to address operational issues related to equipment and structures.

The planned transfer to the capital reserve fund in 2016 is $233,939. At year-end 2015, the capital reserve fund balance is estimated to be $1,656,998, which is available to fund major capital projects. The planned transfer to the equipment replacement fund in 2016 is $104,440. At year-end 2015, the equipment replacement fund balance is estimated to be $952,988, which is available to fund minor capital and operating machinery and equipment replacements. The value of the five year (2016-2020) capital plan is currently $2,478,000, including a $370,000 budget allowance to replace air handling equipment at the treatment plant and an $870,000 budget allowance to replace the rotary sludge dewatering press equipment at the treatment plant. With the current reserve fund balance and the planned contributions over the next five years, based on the current capital plan, there will be sufficient funding in reserves for the five-year capital plan, while maintaining a positive balance for unplanned expenditures, without the need for borrowing.

There is one project planned in 2016 under the Development Cost Charge (DCC) program which is a review and update of the DCC infrastructure plan, funding requirements, rates and bylaw, with a total budget of $75,000. At year-end 2015, the DCC reserve fund balance is estimated to be $1,498,638.

Saanich Peninsula Wastewater Debt

The 2016 requisition to fund the debt budget is $18,080. 2016 will be the final year of debt servicing for the current debt, then there will no debt associated with the Saanich Peninsula Wastewater Service.

Saanich Peninsula Environmental Programs

The programs and service levels for the Saanich Peninsula Liquid Waste Management Plan administration and Stormwater Quality Management and Source Control are intended to remain unchanged for 2016, with the exception of increased effort at the Commission's direction under the Stormwater Quality Management Program. A $10,000 continuous supplementary budget request has been made under this program to fund increased effort to identify stormwater contaminant sources on the Saanich Peninsula and work with the municipalities to resolve the issues. The total 2016 requisition increase for these three programs including the supplementary item is $11,817.

RECOMMENDATION

That the Saanich Peninsula Wastewater Commission recommend that the CRD Board:

1. Approve the 2016 Saanich Peninsula trunk sewers, treatment and disposal operating and capital budget;

2. Approve the 2016 debt budget;

3. Approve the 2016 Parks and Environmental Services program budgets that support the Saanich Peninsula Wastewater service, including Liquid Waste Management Plan Implementation, Saanich Peninsula Stormwater Quality Management, and Saanich Peninsula Source Control Stormwater; and

4. Balance the 2015 actual revenue and expense on the transfer to capital reserve fund.

Ted Robbins, BSc, CTech
General Manager, Integrated Water Services

Robert Lapham, MCIP
Chief Administrative Officer
Concurrence

TR:mm
Attachment: 1

CAPITAL REGIONAL DISTRICT

2016 BUDGET

SPWWTP

COMMISSION REVIEW

October 21, 2015

Attachment 1

TABLE OF CONTENTS

Saanich Peninsula Waste Water Treatment Plant		page
3.718	Saanich Peninsula Wastewater	1 - 15
3.720	L.W.M.P. (Peninsula)	16 - 18
1.537	Saanich Peninsula - Stormwater Quality Management	19 - 22
1.538	Saanich Peninsula - Source Control Stormwater	23 - 25
3.775	Debt - Saanich Peninsula Wastewater	26 -27

Service: 3.718 Saanich Peninsula Wastewater **Committee: Environmental Services**

DEFINITION:

Provision of sewage treatment and disposal through treatment plant facilities and outfall for member participants.

SERVICE DESCRIPTION:

This program is for the provision of wastewater collection and treatment to the Saanich Peninsula municipalities of Central Saanich, North Saanich, and Sidney. Although the largest component of the program budget is for the operation and maintenance of the systems, many other key programs are funded through and support these budgets including engineering (capital projects), odour control, and marine monitoring and protection.

PARTICIPATION:

Operating costs to be recovered by requisition to all participating members based on measured flow from previous year.

MAXIMUM LEVY:

Establishment Bylaw No. 2388/2439 - Greater of $5,663,000 or $1.56 / $1,000 of actual assessed value of land and improvements.

MAXIMUM CAPITAL DEBT:

See Debt Budget 3.775

SPWWS SEWER SYSTEM:

Location	Allocation for 2015
Airport	1.41%
Sidney	40.10%
Pauquachin	1.01%
Central Saanich	42.93%
North Saanich	13.92%
Tseycum	0.36%
IOS	0.27%
Total	100.00%

USER CHARGE:

N/A

RESERVE FUND:

Saanich Peninsula Wastewater Commission approved that operating surpluses be transferred to capital reserve fund, starting with 2009 budget (approved Nov 6, 2008).

3.718 **Saanich Peninsula Wastewater**

2016 - 5 YEAR CAPITAL PLAN

($'000 - 2016 Dollars)

	Capital Works Description	Cap Type	2016	2017	2018	2019	2020	5 Yr Total	Projected completion cost
	5 Year SPWW Strategic Plan Update	S	-	-	-	135	-	135	
	Bazan Bay Outfall Signage	S	17	-	-	-	-	17	
	DCC Update	S	75	-	-	-	-	75	
	IOS & Pauquachin - Meter & RTU Repairs	S	76	-	-	-	-	76	
	Isolation Valve Installation for Oxidation Ditches	S	-	-	-	-	40	40	
	Keating PS Miscellanous Improvements	S	20	-	-	-	-	20	
	Odour Control Improvements	S	60	-	-	-	-	60	
	Oxidation Ditch Exp Joint Repair	S	-	100	-	-	-	100	
	Oxidation Ditch Permanent Access Assessment	S	50	-	-	-	-	50	
	Oxidation Ditch Permanent Access Construction	S	-	90	-	-	-	90	
	Sidney Pump Station Upgrades	S	95	-	-	-	-	95	
	SPWWTP Air Handler Unit Replacement	S	-	370	-	-	-	370	
	SPWWTP Repairs	S	100	-	-	-	-	100	
	SPWWTP Repairs & Replacements	S	-	-	335	-	-	335	
	SPWWTP Replacement of Rotary Presses	S	-	-	-	870	-	870	
	Turgoose Pump Station Check Valve Replacemt	S	15	-	-	-	-	15	
	Wallace Dr Pavement Restoration MHs	S	30	-	-	-	-	30	
	TOTAL		**538**	**560**	**335**	**1,005**	**40**	**2,478**	

	Funding Source:		2016	2017	2018	2019	2020	5 Yr Total	
	Reserve Fund		538	560	335	1,005	40	2,478	
	Total Proposed Funding Source		**538**	**560**	**335**	**1,005**	**40**	**2,478**	

Cap Type:

B = Buildings
E = Equipment
L = Land
S = Engineering Structures
V = Vehicles

CAPITAL REGIONAL DISTRICT - SCHEDULE G

CAPITAL BUDGET FORM
2016 & Forecast 2017 to 2020

Service #: **3.718**
Service Name: Saanich Peninsula Wastewater

Year (1)	Type Code (2)* ↓	Specific Project Description (3)	Capital Expense $	Funding Source (4) ** ↓	Funding Amount Total (5) $	Grant Program Sponsor (6)	Loan Authorization # (7)	Participants (8) ↓	%
2016	S	Sidney Pump Station Upgrades	95,000	R	95,000				
2016	S	Turgoose Pump Station Check Valve Replacemt	15,000	R	15,000				
2016	S	Odour Control Improvements	60,000	R	60,000				
2016	S	SPWWTP Repairs	100,000	R	100,000				
2016	S	Keating PS Miscellanous Improvements	20,000	R	20,000				
2016	S	Wallace Dr Pavement Restoration MHs	30,000	R	30,000				
2016	S	Bazan Bay Outfall Signage	17,000	R	17,000				
2016	S	Oxidation Ditch Permanent Access Assessment	50,000	R	50,000				
2016	S	IOS & Pauquachin - Meter & RTU Repairs	76,000	R	76,000				
2016	S	DCC Update	75,000	R	75,000	Funded by DCC Reserve			
2017	S	SPWWTP Air Handler Unit Replacement	370,000	R	370,000				
2017	S	Oxidation Ditch Permanent Access Construction	90,000	R	90,000				
2017	S	Oxidation Ditch Exp Joint Repair	100,000	R	100,000				
2018	S	SPWWTP Repairs & Replacements	335,000	R	335,000				
2019	S	SPWWTP Replacement of Rotary Presses	870,000	R	870,000				
2019	S	5 Year SPWW Strategic Plan Update	135,000	R	135,000				
2020	S	Isolation Valve Installation for Oxidation Ditches	40,000	R	40,000				
		TOTAL	*2,478,000*		*2,478,000*				

Type Codes (2) *

- **L** = Land
- **S** = Engineering Structures
- **B** = Buildings
- **V** = Vehicles
- **E** = Equipment

Funding Source Codes (4) **

- **D** = Debenture Debt (new debt only)
- **E** = Equipment Replacement Fund
- **G** = Grants (Federal, Provincial)
- **O** = Donations / Third Party Funding
- **C** = Capital Funds on Hand
- **R** = Reserve Fund
- **S** = Short Term Loans
- **L** = Lands Sales

Saanich Peninsula Sewer

#1 Sidney Pump Station Upgrades (2016) $95,000
Visible from Tulista Park, the Sidney Pump Station exterior paint is showing signs of deterioration and painting is required to maintain the building. Identified in the 2013 Stantec condition assessment, the odour control fan is operating rough and may fail at any time preventing odours from escaping to the surrounding residential area, additionally, numerous electrical and mechanical small components require replacement to maintain proper operation of the pump station and reduce the risk of costly call outs for emergency repairs. Funding is required to retain a painting contractor to paint the building, upgrade and repair numerous small components.

#2 Turgoose Pump Station Check Valve Replacement (2016) $15,000
Identified in the 2013 Stantec condition assessment, the check valve is 15 years old and requires replacing to maintain proper operation of the pump station and ensure the pump motors do not burn out. Funds are required to procure a replacement check valve and for labour to replace the valve.

#3 Odour Control Improvements (2016) $60,000
The Peninsula system includes various odour control systems to prevent odours from emanating from liquid waste facilities. Many of these systems have been in operation for over 10 years and require improvements or replacement. In addition, many odour monitoring locations have recorded higher than normal hydrogen sulphide (H_2S) levels, which are causing safety and operational concerns. New dour control system will need to be investigated and implemented in the next few years.

#4 SPWWTP Repairs (2016) $100,000
Identified in the 2013 Stantec condition assessment, the exhaust fan and damper units at SPWWTP have corrosion and have had historical electrical issues. Replacement is required to maintain proper and safe ventilation at the SPWWTP. In 2014 Stantec carried out an inspection of primary clarifier expansion joints as it was noted that the primary clarifier was leaking a measurable amount. The Inspection resulted in the patching of the expansion joint, but the report highlighted the requirement for the rest of the WWTP will require repairs at all water tight expansion joints. A recent break in at another CRD facility has highlighted that the 15 year old security system at SPWWTP is in need of improvements to ensure effectiveness. Funds are required to procure replacement exhaust fan and damper units, repair expansion joints and upgrade the security system.

#5 Keating Pump Station Miscellaneous Improvements (2016) $20,000
As identified in the 2013 Stantec condition assessment, the pump station requires upgrading of the exterior lighting for employee safety and replacement of the standby generator limit switch and automatic transfer switch meter.

#6 Wallace Dr Pavement Restoration Manholes (2016) $30,000
Six (6) manholes along the Wallace Drive trunk appear to have loose frames causing pavement cracking. To prevent damage to the manholes and further damage to the road surface funding is required to retain a contractor to reseat the manhole frames and pave patches around the restored manholes.

#7 Bazan Bay Outfall Signage (2016) $17,000
During inspection of the Bazan Bay outfall to carry out the 2015 capital project for cathodic protection, a hole in the outfall was found and likely caused by an anchor. New signage is required to maintain compliance with the Ministry of Environment.

#8 Oxidation Ditch Permanent Access Assessment (2016) $50,000
To comply with WorkSafeBC regulations and maintain access to the oxidation ditches for annual maintenance, permanent access structures are required. Funds are required to retain contract services to design the permanent access and better refine the construction cost estimate.

#9 IOS & Pauquachin – Meter & RTU Repairs (2016) $76,000
The IOS and Pauquachin flow meters and RTUs are old and have intermittent issues. Funds are required to replace the RTUs that are at end of life and possibly the flow meters which have been in service for 13 years.

#10 DCC Update (2016) $75,000
The Saanich Peninsula wastewater system has a DCC for the wastewater system, the last update was 2004. It is proposed to coordinate the DCC update with the equivalent water DCC update utilizing the same consultant for both. Budget is required to retain a consultant to update the DCC bylaw. The cost for the DCC update will be funded from the DCC reserve.

#11 SPWWTP Air Handler Unit Replacement (2017) $370,000
Units have obvious corrosion, as well the units have had electrical issues. Replacement is required.

#12 Oxidation Ditch Permanent Access Construction (2017) $90,000
As a continuation of the 2016 project, funds are required to construct permanent access to the oxidation ditch to meet WorkSafeBC regulations while operation staff carry out maintenance.

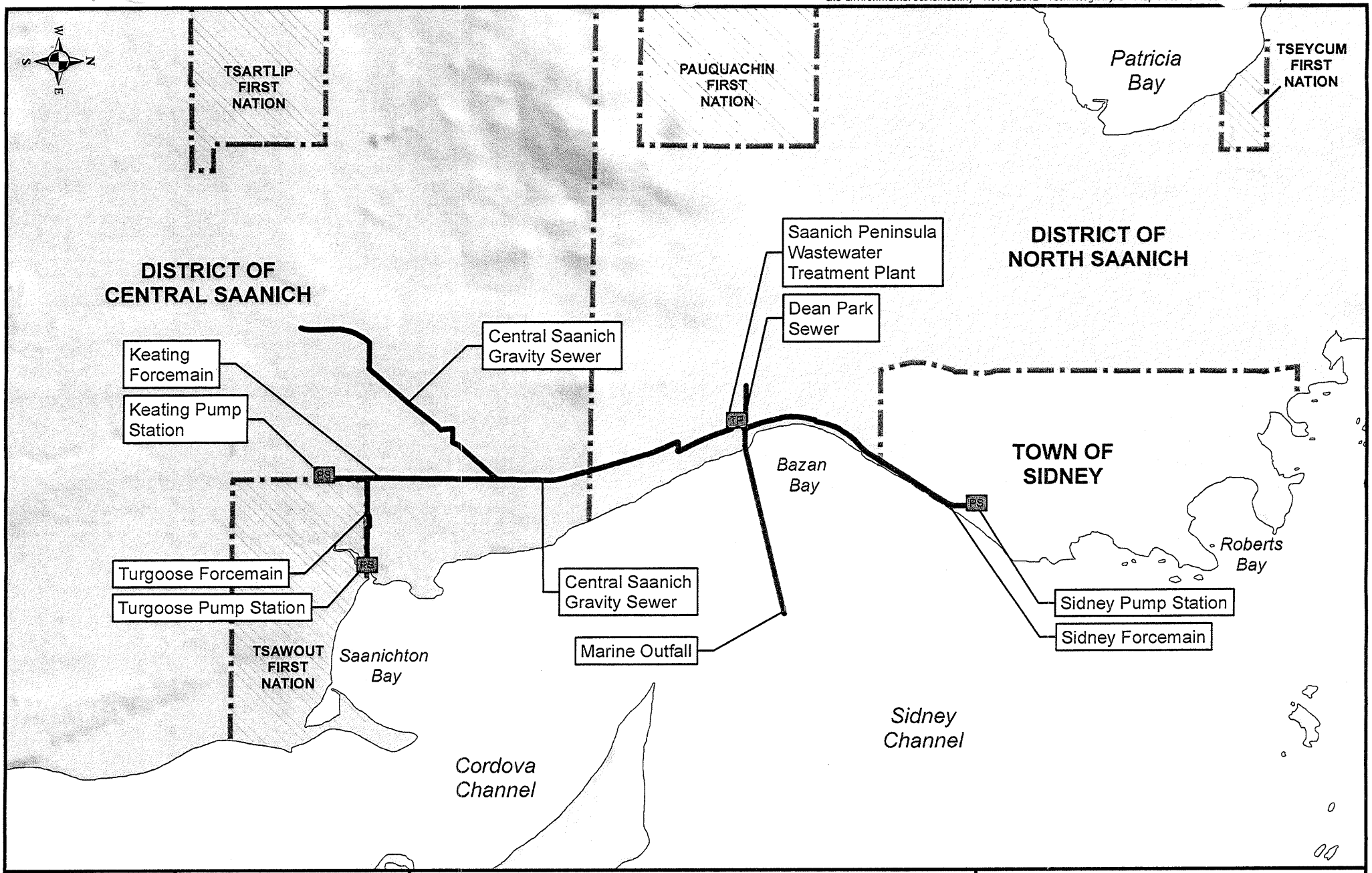
#13 Oxidation Ditch Expansion Joint Repairs (2017) $100,000
In 2014 Stantec carried out an inspection of primary clarifier expansion joints as it was noted that the primary clarifier was leaking a measurable amount. The Inspection resulted in the patching of the expansion joint, but the report highlighted the requirement for the rest of the WWTP will require repairs at all water tight expansion joints. Funding is required for staff to undertake draining, cleaning of the oxidation ditch as well as required expansion joint repairs.

#14 SPWWTP Repairs and Replacements (2018) $335,000
These pumps are at end of life and require replacement. Repairs to cracks in sludge handling area slab are required to avoid the situation getting worse. Numerous electrical items in the pump viewing room, secondary clarifier and secondary scum pump chamber require replacement, including flow meters, controllers, heat detectors and sludge level controllers.

#15 SPWWTP Replacement of Rotary Presses (2019) $870,000
Assess replacements options, design and construction of replacement units.

#16 SPWW Strategic Plan Update (2019) $135,000
In general, a Strategic Plan requires updating after 5 years, to review: priorities; focus of energy and resources; strengthen operations; and short and long term financial planning.

#17 Isolation Valves for Oxidation Ditches(2020) $40,000
The oxidation ditches at SPWWTP currently have outlet piping with no isolation valves to allow repairs. Funding is required to procure two 600mm diameter valves and install outside the oxidation ditches.



Making a difference...together

Metres
0 500 1,000 1,500

Projection: UTM ZONE 10N NAD 83

Important This map is for general information purposes only. The Capital Regional District **(CRD)** makes no representations or warranties regarding the accuracy or completeness of this map or the suitability of the map for any purpose. **This map is not for navigation.** The CRD **will not be liable** for any damage, loss or injury resulting from the use of the map or information on the map and the map may be changed by the CRD at any time.

PS Pump Station

TP Treatment Plant

Sewer Main

SAANICH PENINSULA WASTEWATER SYSTEM

3.718 Saanich Peninsula Wastewater
Summary Schedule
2016 - 2020 Financial Plan

Asset Profile

Saanich Peninsula Wastewater Assets

Construction of the Saanich Peninsula Wastewater Treatment Plant (SPWWTP) was completed in January 2000 to provide wastewater service for Central Saanich, North Saanich and Sidney, as well as the local First Nations, Victoria Airport Authority, and the Institute of Ocean Sciences Centre. Annually, the SPWWTP produces on average 3,600 tonnes of sludge which is currently hauled to the Hartland landfill for disposal as controlled waste. Treated effluent is discharged through the Bazan Bay Outfall to the marine environment. The SPWWTP heat recovery system was commissioned in February 2011 and has supplied treatment plant effluent waste heat to the Panorama Recreation Center for heating its swimming pools since then. Assets in the Saanich Peninsula Wastewater System include land, the SPWWTP and a secondary treatment plant, three pumping stations, PRV station, thermal recovery and other buildings, 14 kilometres of collections and conveyance (gravity & pressure) mains, and two marine outfalls. Total historical asset values as at December 31, 2014 is $42M.

Reserve Account/Fund Summary

		Budget				
	2015 Estimate	2016	2017	2018	2019	2020
718 Sewer Capital Reserve Fund	3,155,636	3,021,575	2,897,811	2,963,972	2,405,754	2,778,245
718 Maintenance Reserves	420,879	480,616	410,353	420,090	379,827	439,564
718 Equipment Replacement Fund	952,988	1,055,388	1,157,788	1,260,188	1,362,588	1,464,988
Total	**4,529,503**	**4,557,579**	**4,465,952**	**4,644,250**	**4,148,169**	**4,682,797**

3.718 Saanich Peninsula Wastewater

Capital Reserve Fund Schedule - SPWWTP

Capital Reserve Fund SPWWTP - DCC Portion and Capital Reserve Portion

Capital Reserve Fund Schedule

Fund: 1012	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	3,215,874	3,155,636	3,021,575	2,897,811	2,963,972	2,405,754
	-	-	-	-	-	-
Transfer to Cap Fund (Based on Capital Plan)	(730,000)	(538,000)	(560,000)	(335,000)	(1,005,000)	(40,000)
Transfer from Operating Budget	585,302	403,939	436,236	401,161	446,782	412,491
Interest Income*	84,460	-	-	-	-	-
Ending Balance $	**3,155,636**	**3,021,575**	**2,897,811**	**2,963,972**	**2,405,754**	**2,778,245**

Assumptions/Background:

Bylaw 2760 established a Reserve Fund for the Saanich Peninsula Wastewater System. There are two portions in the Reserve Fund: Development Cost Charges is deposited in the DCC portion and expenditures are restricted. Surplus funds from the Operating budget are deposited to the Capital Reserve portion and expenditures provide for capital works.

Approved capital expenditures to be funded by DCC to be determined, as under review. Saanich Peninsula Commission approved that operating surpluses be transferred to capital reserve fund each year, starting with 2009 budget.

* Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

Capital Reserve Fund Schedule - DCC Portion

Fund: 1012	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	1,235,638	1,498,638	1,593,638	1,763,638	1,933,638	2,103,638
Transfer to Cap Fund (Based on Capital Plan)	-	(75,000)	-	-	-	-
Transfer IN - DCC Funding	200,000	170,000	170,000	170,000	170,000	170,000
Interest Income	63,000					
Ending Balance $	1,498,638	1,593,638	1,763,638	1,933,638	2,103,638	2,273,638

Assumptions/Background:
Surplus funds from the Operating budget are deposited to the Capital Reserve portion and expenditures provide for capital works.
Approved capital expenditures to be funded by DCC to be determined, as under review.

Capital Reserve Fund Schedule - Capital Reserve Portion

Fund: 1012	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	1,980,236	1,656,998	1,427,937	1,134,173	1,030,334	302,116
Transfer to Cap Fund (Based on Capital Plan)	(730,000)	(463,000)	(560,000)	(335,000)	(1,005,000)	(40,000)
Transfer IN -	385,302	233,939	266,236	231,161	276,782	242,491
Interest Income*	21,460					
Ending Balance $	1,656,998	1,427,937	1,134,173	1,030,334	302,116	504,607

Assumptions/Background:
Saanich Peninsula Commission approved that operating surplusses be transferred to capital reserve fund each year, starting with 2009 budget.

* Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

3.718 Saanich Peninsula Wastewater

Maintenance Reserve Account Schedules

Maintenance Reserve Account: SPWWTP Outfall Inspection, Carbon Replacement, Heat Recovery Supplies

Starting 2003, maintenance accounts started for operating costs that were not incurred annually, but incurred on a irregular basis.

Maintenace Reserve Account Schedule (SPWWTP) Outfall Inspection

Account 290000	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	30,487	34,454	38,421	12,388	16,355	20,322
Transfer OUT estimate	-	-	(30,000)	-	-	-
Transfer IN (from Ops Budget)	3,967	3,967	3,967	3,967	3,967	3,967
Ending Balance $	**34,454**	**38,421**	**12,388**	**16,355**	**20,322**	**24,289**

The Bazan Bay outfall and the Sidney Pump Station overflow are inspected every 3/4 years but no less than the regulatory requirement of every 5 years. Expenditures include consultant/diver fees for inspection and reporting and labour costs.

Maintenace Reserve Account Schedule (SPWWTP Carbon Replacement)

Account 290000	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	405,656	384,926	439,196	393,466	397,736	352,006
Transfer OUT estimate	(75,000)	-	(100,000)	(50,000)	(100,000)	-
Transfer IN (from Ops Budget)	54,270	54,270	54,270	54,270	54,270	54,270
Ending Balance $	**384,926**	**439,196**	**393,466**	**397,736**	**352,006**	**406,276**

Carbon is used for odour control at various trunk sites. Carbon replacement expenditures include contracted services, materials and labour. Carbon replacement service life varies depending on influent quality, however carbon replacement frequency is typically every two years at the SPWWTP and approximately every 5 years a the various trunk sites.

Maintenace Reserve Account Schedule (SPWWTP Equipment/Supplies Replacement)

Account 290000	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	-	1,500	3,000	4,500	6,000	7,500
Transfer OUT estimate	-	-	TBD	-	-	-
Transfer IN (from Ops Budget)	1,500	1,500	1,500	1,500	1,500	1,500
Ending Balance $	**1,500**	**3,000**	**4,500**	**6,000**	**7,500**	**9,000**

The district energy sharing system (DES) heat exchanger is chemically cleaned every few months to ensure the system operates optimally. However the manufacturer recommends that the heat exchanger be dismantled, inspected and cleaned at a frequency determined by the operation (no set frequency). The assumption has been made that this dismantelling frequency be done approximately every five years. Expenditures include contracted services, materials and labour.

3.718 Saanich Peninsula Wastewater

ERF Reserve Fund Schedule SPWWTP

ERF: SPWWTP ERF or PERS Fund for Equipment

ERF Reserve Cash Flow - SPWWTP

Fund: 1022 Fund Center 101700	Estimate	Budget				
	2015	2016	2017	2018	2019	2020
Beginning Balance	795,015	952,988	1,055,388	1,157,788	1,260,188	1,362,588
Transfer OUT (see Capital plan for details)	(17,081)	-	-	-	-	-
Transfer IN (from Ops Budget)	102,400	102,400	102,400	102,400	102,400	102,400
Interest Income*	72,654					
Ending Balance $	**952,988**	**1,055,388**	**1,157,788**	**1,260,188**	**1,362,588**	**1,464,988**

Assumptions/Background:

ERF Reserve to fund replacement of equipment that lasts less than 15 years in the SPWW System. Also called Priority Equipment Replacement (PERS). There are 2 PERS, Trunks and Treatment Plant; and 1 ERF for SPWWTP Lab Equipment

* Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

3.718 - SAANICH PENINSULA WASTEWATER	2015 BOARD BUDGET	2015 ESTIMATED ACTUAL	BUDGET REQUEST 2016 CORE BUDGET	2016 Continuous Supplementary	2016 Single Supplementary	2016 TOTAL	2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
OPERATING COSTS:										
Operating	2,252,041	2,093,446	2,277,414	5,500	0	2,282,914	2,330,879	2,378,586	2,426,915	2,476,225
Lab	131,460	127,512	134,931	14,050	0	148,981	137,680	140,439	143,243	146,096
Heat Recovery	101,361	86,425	100,378	0	0	100,378	103,425	106,334	109,042	111,819
Biosolids Mgmt.	503,836	569,665	574,616	0	0	574,616	570,956	582,375	594,023	605,903
TOTAL OPERATING COSTS	**2,988,698**	**2,877,048**	**3,087,339**	**19,550**	**0**	3,106,889	3,142,940	3,207,734	3,273,222	3,340,043
*Percentage Increase over prior year	0.00%	-3.74%	3.30%	0.65%	0.00%	3.95%	1.16%	2.06%	2.04%	2.04%
CAPITAL / RESERVE										
Transfer to Equipment Replacem	102,400	102,400	104,440	0	0	104,440	104,440	104,440	104,440	104,440
Transfer to Reserve Fund	288,641	385,302	233,939	0	0	233,939	266,236	231,161	276,782	242,491
TOTAL CAPITAL / RESERVES	391,041	487,702	338,379	0	0	338,379	370,676	335,601	381,222	346,931
Debt Expenditures	0	0	0	0	0	0	0	0	0	0
MFA Debt Reserve	0	0	0	0	0	0	0	0	0	0
TOTAL COSTS	3,379,739	3,364,750	3,425,718	19,550	0	3,445,268	3,513,616	3,543,335	3,654,444	3,686,974
*Percentage Increase over prior year	0.00%	-0.44%	1.36%	0.58%	0.00%	1.94%	1.98%	0.85%	3.14%	0.89%
Internal Recovery - Other	(141,577)	(126,588)	(142,500)	0	0	(142,500)	(144,950)	(107,449)	(149,998)	(112,598)
Recovery - Other	0	0	0	0	0	0	0	0	0	0
OPERATING COSTS LESS INTERNAL RECOVERIES	3,238,162	3,238,162	3,283,218	19,550	0	3,302,768	3,368,666	3,435,886	3,504,446	3,574,376
*Percentage Increase over prior year	0.00%	0.00%	1.39%	0.60%	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%
SOURCES OF FUNDING (REVENUE)										
Surplus / (Deficit)		0								
Balance C/F from Prior to Current year	0	0	0	0	0	0	0	0	0	0
Grants In Lieu of Taxes	(7,836)	(7,836)	(7,836)	0	0	(7,836)	(7,836)	(7,836)	(7,836)	(7,836)
TOTAL REVENUE	(7,836)	(7,836)	(7,836)	0	0	(7,836)	(7,836)	(7,836)	(7,836)	(7,836)
REQUISITION	**(3,230,326)**	**(3,230,326)**	**(3,275,382)**	**(19,550)**	**0**	**(3,294,932)**	**(3,360,830)**	**(3,428,050)**	**(3,496,610)**	**(3,566,540)**
*Percentage Increase over prior year	0.00%	0.00%	1.39%	0.61%	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%
PARTICIPANTS: C. Saanich, N. Saanich, Sidney, Airport, Pauquachin, Tseycum										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hourly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2016 BUDGET ACCOUNT DETAIL

CAPITAL REGIONAL DISTRICT

Cost Center Group : 718SPWW_TP.BADR
Cost Element Range : 0000400000 0000799999
Period Range : 01 12 Fiscal Year : 2016

Cost Center	101107 SPWWS TP Sewage Treatment & Disposal	
Cost Element (1)	**Cost Element Description and *Continuous Supplement* Detail (2)**	**Budget Request (3)**
514590	**Security** There is a proposed 2016 Capital Project to install a security system at the wastewater treatment plant facility. Remote monitoring of the security system will be required. Operational costs are estimated to be approximately $5500 which includes monitoring and response services.	**$5,500.00**
	Total: 101107 SPWWS TP Sewage Treatment & Disposal	**$5,500.00**

2016 BUDGET ACCOUNT DETAIL

CAPITAL REGIONAL DISTRICT

Cost Center Range : 0000101489 0000101489
Cost Element Range : 0000400000 0000799999
Period Range : 01 12 Fiscal Year : 2016

Cost Center	101489 SPWWS TP Laboratory	
Cost Element (1)	**Cost Element Description and *Continuous Supplement* Detail (2)**	**Budget Request (3)**
531060	**Alloc - ES - Water Quality** The supplemental covers one day of labour costs for a laboratory technician at the SPWWTP lab facilities. The position will undertake lab preparation, analyses and reporting that are currently being sent to external labs during overflow work periods and staff leave. The lab is also moving to industry-standard accreditation to allow for more in-house analyses. The technician will assist in developing the accreditation and proficiency testing required to apply for and maintain accreditation. The additional, in-house capacity will include future cost-savings from contracted services, but also provide better confidence in the data the CRD reports out on, more timely responses to sample analysis requirements (especially for spills, overflows, and emergencies), and better integration across all services that require lab support.	**$14,050.00**
	Total: 101489 SPWWS TP Laboratory	**$14,050.00**

Service: 3.720 L.W.M.P. (Peninsula) **Committee: Environmental Services**

DEFINITION:

Implementation of the Liquid Waste Management Plan for the Saanich Peninsula.

SERVICE DESCRIPTION:

To manage the Saanich Peninsula Liquid Waste Management Plan (SPLWMP) and implement the commitments approved under the plan as required:

- planning, reporting, amendment preparation, implementation of commitments, biosolids management program, resource recovery development and inflow/infiltration enhancement program

PARTICIPATION:

MAXIMUM LEVY:

Greater of $5,663,000 or $1.56 / $1,000 of actual assessments.

MAXIMUM CAPITAL DEBT:

Nil

COMMITTEE:

Environment

FUNDING:

Operating costs to be recovered by requisition to all participating members based on prior year actual flow on the Saanich Peninsula.

USER CHARGE:

N/A

RESERVE FUND:

Nil

Service: 3.720 L.W.M.P. (Peninsula)	Committee: Environmental Services

	Operating
Central Saanich	44.28%
North Saanich (*see note below)	14.35%
Sidney	41.37%
Total	**100.00%**

Note:
* North Saanich taxes all of North Saanich, including the Airport, as LWMP benefits all of North Saanich, and not just the sewer area. (March 18, 2002)

3.720 - L.W.M.P. (PENINSULA)	2015 BOARD BUDGET	2015 ESTIMATED ACTUAL	BUDGET REQUEST 2016 CORE BUDGET	2016 Continuous Supplementary	2016 Single Supplementary	2016 TOTAL	2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
OPERATING COSTS:										
Operating - Other Costs	12,240	12,240	10,320	0	0	10,320	10,526	10,737	10,952	11,170
Contract For Services	1,707	1,707	1,035	0	0	1,035	1,058	1,077	1,098	1,120
Contingency	0	0	0	0	0	0	0	0	0	0
TOTAL OPERATING COSTS	**13,947**	**13,947**	**11,355**	**0**	**0**	11,355	11,584	11,814	12,050	12,290
*Percentage Increase over prior year	0.00%	0.00%	-18.59%	0.00%	0.00%	-18.59%	2.02%	1.98%	2.00%	4.03%
CAPITAL / RESERVE										
Transfer to Equipment Replacem	0	0	0	0	0	0	0	0	0	0
Transfer to Reserve Fund	0	0	0	0	0	0	0	0	0	0
TOTAL CAPITAL / RESERVES	0	0	0	0	0	0	0	0	0	0
Debt Expenditures	0	0	0	0	0	0	0	0	0	0
MFA Debt Reserve	0	0	0	0	0	0	0	0	0	0
TOTAL COSTS	13,947	13,947	11,355	0	0	11,355	11,584	11,814	12,050	12,290
*Percentage Increase over prior year	0.00%	0.00%	-18.59%	0.00%	0.00%	-18.59%	2.02%	1.98%	2.00%	4.03%
Internal Recoveries	0	0	0	0	0	0	0	0	0	0
Recovery - Other	0	0	0	0	0	0	0	0	0	0
OPERATING COSTS LESS INTERNAL RECOVERIES	13,947	13,947	11,355	0	0	11,355	11,584	11,814	12,050	12,290
*Percentage Increase over prior year	0.00%	0.00%	-18.59%	0.00%	0.00%	-18.59%	2.02%	1.98%	2.00%	4.03%
FUNDING SOURCES (REVENUE)										
Surplus / (Deficit)		0								
Balance C/F from Prior to Current year	(2,822)	(2,822)	0	0	0	0	0	0	0	0
Grants In Lieu of Taxes	(223)	(223)	(226)	0	0	(226)	(226)	(226)	(226)	(226)
TOTAL REVENUE	(3,045)	(3,045)	(226)	0	0	(226)	(226)	(226)	(226)	(226)
REQUISITION	**(10,902)**	**(10,902)**	**(11,128)**	**0**	**0**	**(11,128)**	**(11,358)**	**(11,587)**	**(11,823)**	**(12,064)**
*Percentage Increase over prior year	0.00%	0.00%	2.08%	0.00%	0.00%	2.08%	2.06%	2.02%	2.03%	4.11%
PARTICIPANTS: Central Saanich, North Saanich, Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hourly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Service: 1.537 Saanich Peninsula - Stormwater Quality Management **Committee: Saanich Peninsula Waste Water**

DEFINITION:

To identify pollution in stormwater run-off from land in the service area.

SERVICE DESCRIPTION:

The service provides a stormwater quality program in the Saanich Peninsula to coordinate and provide information for management of stormwater quality and surface water resources. The program identifies levels of contaminants in stormwater discharges and prioritizes the level of public health and environmental concern posed by the discharges and then works to reduce/eliminate the contaminants.

PARTICIPATION:

Districts of Central Saanich, North Saanich and Town of Sidney.

MAXIMUM LEVY:

Greater of $80,000 or $0.0082 / $1,000 of actual assessments.

MAXIMUM CAPITAL DEBT:

Nil

COMMITTEE:

Saanich Peninsula Waste Water

FUNDING:

The apportionment of annual operating costs among the participating areas shall be on the basis of one-sixth in proportion to the population of the participating areas, one-sixth in proportion to the land area of the participating areas, one-sixth in proportion to the length of shoreline in each of the participating areas, and one-half in proportion to the number of high and medium priority discharges of stormwater to the environment in the prior year within the boundaries of each of the participating areas, as determined by the Capital Regional District Board.

USER CHARGE:

N/A

RESERVE FUND:

Nil

Service: 1.537 Saanich Peninsula - Stormwater Quality Management **Committee: Saanich Peninsula Waste Water**

	Stormwater
Central Saanich	26.81%
North Saanich	33.44%
Sidney	27.06%
Tswawout Band	3.29%
Tsartlip Band	6.14%
Pauquachin Band	1.98%
Tseycum Band	1.28%
Total	**100.00%**

Note:

* Service established effective 2010; previously provided by agreement

1.537 - STORMWATER QUALITY - PENINSULA	2015 BOARD BUDGET	2015 ESTIMATED ACTUAL	BUDGET REQUEST 2016 CORE BUDGET	2016 Continuous Supplementary	2016 Single Supplementary	2016 TOTAL	2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
OPERATING COSTS:										
Operating	50,747	50,747	50,930	8,000	0	58,930	60,080	61,280	62,500	63,749
Contract For Services	13,780	13,780	14,520	2,000	0	16,520	16,420	16,760	17,110	17,452
Consultant Expenses	470	470	440	0	0	440	900	900	900	918
Contingency	0	0	0	0	0	0	0	0	0	0
TOTAL OPERATING COSTS	**64,997**	**64,997**	**65,890**	**10,000**	**0**	75,890	77,400	78,940	80,510	82,119
*Percentage Increase over prior year	0.00%	0.00%	1.37%	15.39%	0.00%	16.76%	1.99%	1.99%	1.99%	2.00%
CAPITAL / RESERVE										
Transfer to Equipment Replacem	0	0	0	0	0	0	0	0	0	0
Transfer to Reserve Fund	0	0	0	0	0	0	0	0	0	0
TOTAL CAPITAL / RESERVES	0	0	0	0	0	0	0	0	0	0
Debt Expenditures	0	0	0	0		0	0	0	0	0
MFA Debt Reserve	0	0	0	0		0	0	0	0	0
TOTAL COSTS	64,997	64,997	65,890	10,000	0	75,890	77,400	78,940	80,510	82,119
*Percentage Increase over prior year	0.00%	0.00%	1.37%	15.39%	0.00%	16.76%	1.99%	1.99%	1.99%	2.00%
Internal Recoveries	0	0	0	0	0	0	0	0	0	0
Recovery - Other	0	0	0	0	0	0	0	0	0	0
OPERATING COSTS LESS INTERNAL RECOVERIES	64,997	64,997	65,890	10,000	0	75,890	77,400	78,940	80,510	82,119
*Percentage Increase over prior year	0.00%	0.00%	1.37%	15.39%	0.00%	16.76%	1.99%	1.99%	1.99%	2.00%
FUNDING SOURCES (REVENUE)										
Surplus / (Deficit)		0								
Balance C/F from Prior to Current year	(127)	(127)	0	0	0	0	0	0	0	0
Grants In Lieu of Taxes	(2,607)	(2,607)	(2,607)	0	0	(2,607)	(2,607)	(2,607)	(2,607)	(2,607)
TOTAL REVENUE	(2,734)	(2,734)	(2,607)	0	0	(2,607)	(2,607)	(2,607)	(2,607)	(2,607)
REQUISITION	**(62,263)**	**(62,263)**	**(63,283)**	**(10,000)**	**0**	**(73,283)**	**(74,793)**	**(76,333)**	**(77,903)**	**(79,512)**
*Percentage Increase over prior year	0.00%	0.00%	1.64%	16.06%	0.00%	17.70%	2.06%	2.06%	2.06%	2.07%
PARTICIPANTS: Central Saanich, North Saanich, Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hourly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2016 BUDGET ACCOUNT DETAIL

CAPITAL REGIONAL DISTRICT

Cost Center Group : 537SWQ_SP.BAGH
Cost Element Range : 0000400000 0000799999
Period Range : 01 12 Fiscal Year : 2016

Cost Center	102033 EH SWQM SP Management Program	
Cost Element (1)	**Cost Element Description and *Continuous Supplement* Detail (2)**	**Budget Request (3)**
400000	**Program Description (Non Posting account** Saanich Peninsula Wastewater Commission recommeneded $10,000 budget increase to continue efforts to identify contaminant sources and work with municipalities to resolve issues.	$0.01
503130	**Contract for Services**	$2,000.00
530720	**Alloc. - Environmental Services**	$8,000.00
	Total: 102033 EH SWQM SP Management Program	$10,000.01

Service: 1.538 Saanich Peninsula - Source Control Stormwater **Committee: Saanich Peninsula Waste Water**

DEFINITION:

To regulate, prohibit and impose requirements in respect of discharges to the municipal stormwater system and water courses (Bylaw No. 3906, adopted August, 2013).

SERVICE DESCRIPTION:

The service provides a regulatory stormwater source control program in the Saanich Peninsula to manage stormwater quality in the municipal drainage systems.

PARTICIPATION:

Districts of Central Saanich, North Saanich and Town of Sidney.

MAXIMUM LEVY:

MAXIMUM CAPITAL DEBT:

Nil

COMMITTEE:

Saanich Peninsula Waste Water

FUNDING:

The annual costs for the service, net of grants and other revenues, shall be apportioned on the basis of:
a) The population of the participating areas; and
b) The population estimate as determined annually by the Regional Planning Services department of the Capital Regional District.

USER CHARGE:

N/A

Service: 1.538 Saanich Peninsula - Source Control Stormwater **Committee: Saanich Peninsula Waste Water**

	2015
Central Saanich	41.78%
North Saanich	29.01%
Sidney	29.21%
Total	**100.00%**

Note:
Bylaw No. 3906 (adopted August, 2013).

1.538 - SOURCE -STORMWATER QUALITY - PENINSULA	2015 BOARD BUDGET	2015 ESTIMATED ACTUAL	BUDGET REQUEST 2016 CORE BUDGET	2016 Continuous Supplementary	2016 Single Supplementary	2016 TOTAL	2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
OPERATING COSTS:										
Operating	23,533	23,533	24,211	0	0	24,211	23,399	23,868	24,348	24,834
Contract For Services	11,770	11,770	11,790	0	0	11,790	12,010	12,240	12,480	12,730
Contingency	0	0	0	0	0	0	0	0	0	0
TOTAL OPERATING COSTS	**35,303**	**35,303**	**36,001**	**0**	**0**	36,001	35,409	36,108	36,828	37,564
*Percentage Increase over prior year	0.00%	0.00%	1.98%	0.00%	0.00%	1.98%	-1.64%	1.97%	1.99%	2.00%
CAPITAL / RESERVE										
Transfer to Equipment Replacem	0	0	0	0	0	0	0	0	0	0
Transfer to Reserve Fund	0	0	0	0	0	0	0	0	0	0
TOTAL CAPITAL / RESERVES	0	0	0	0	0	0	0	0	0	0
Debt Expenditures	0	0	0	0	0	0	0	0	0	0
MFA Debt Reserve	0	0	0	0	0	0	0	0	0	0
TOTAL COSTS	35,303	35,303	36,001	0	0	36,001	35,409	36,108	36,828	37,564
*Percentage Increase over prior year	0.00%	0.00%	1.98%	0.00%	0.00%	1.98%	-1.64%	1.97%	1.99%	2.00%
Internal Recoveries	0	0	0	0	0	0	0	0	0	0
Recovery - Other	0	0	0	0	0	0	0	0	0	0
OPERATING COSTS LESS INTERNAL RECOVERIES	35,303	35,303	36,001	0	0	36,001	35,409	36,108	36,828	37,564
*Percentage Increase over prior year	0.00%	0.00%	1.98%	0.00%	0.00%	1.98%	-1.64%	1.97%	1.99%	2.00%
FUNDING SOURCES (REVENUE)										
Surplus / (Deficit)		0								
Balance C/F from Prior to Current year	18	18	0	0	0	0	0	0	0	0
Grants In Lieu of Taxes	(1,261)	(1,261)	(1,261)	0	0	(1,261)	(1,261)	(1,261)	(1,261)	(1,261)
TOTAL REVENUE	(1,243)	(1,243)	(1,261)	0	0	(1,261)	(1,261)	(1,261)	(1,261)	(1,261)
REQUISITION	**(34,060)**	**(34,060)**	**(34,740)**	**0**	**0**	**(34,740)**	**(34,148)**	**(34,847)**	**(35,567)**	**(36,303)**
*Percentage Increase over prior year	0.00%	0.00%	2.00%	0.00%	0.00%	2.00%	-1.70%	2.05%	2.07%	2.07%
PARTICIPANTS: Central Saanich, North Saanich, Sidney										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Term	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Service: 3.775 Debt - Saanich Peninsula Wastewater	Committee: Environmental Services

DEFINITION:

To provide for debt servicing for monies borrowed by Loan Authorization Bylaw No.'s 2365 and 2376 / 2440.

PARTICIPATION:

The net annual debt cost shall be apportioned annually using the unitized approach among the participating areas as authorized in the Liquid Waste Management Saanich Peninsula Local Service Establishment Bylaw No.'s 2388 and 2439.

The estimated % share for 2015 is:

Central Saanich	43.23%
North Saanich	16.95%
Sidney	39.82%
	100.00%

MAXIMUM LEVY:

MAXIMUM CAPITAL DEBT:

COMMITTEE:

FUNDING:

3.775 - Debt - Saanich Peninsula Waste Water System	2015 BOARD BUDGET	2015 ESTIMATED ACTUAL	BUDGET REQUEST 2016 CORE BUDGET	2016 Continuous Supplementary	2016 Single Supplementary	2016 TOTAL	2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
OPERATING COSTS:										
Operating Expenditures	790	790	790	0	0	790	0	0	0	0
TOTAL OPERATING COSTS	**790**	**790**	**790**	**0**	**0**	790	0	0	0	0
*Percentage Increase over prior year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!
CAPITAL / RESERVE										
Transfer to Capital Reserve	0	0	0	0	0	0	0	0	0	0
Transfer to Reserve Fund	0	0	0	0	0	0	0	0	0	0
TOTAL CAPITAL / RESERVES	0	0	0	0	0	0	0	0	0	0
Debt Expenditures	17,290	17,290	17,290	0	0	17,290	0	0	0	0
MFA Debt Reserve	170	170	100	0	0	100	0	0	0	0
TOTAL COSTS	18,250	18,250	18,180	0	0	18,180	0	0	0	0
*Percentage Increase over prior year	0.00%	0.00%	-0.38%	0.00%	0.00%	-0.38%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!
Internal Recoveries	0	0	0	0	0	0	0	0	0	0
Recovery - Other	0	0	0	0	0	0	0	0	0	0
OPERATING COSTS LESS INTERNAL RECOVERIES	18,250	18,250	18,180	0	0	18,180	0	0	0	0
*Percentage Increase over prior year	0.00%	0.00%	-0.38%	0.00%	0.00%	-0.38%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!
FUNDING SOURCES (REVENUE)										
Surplus / (Deficit)										
estimated balance c/f from current to Next year		0								
Balance C/F from Prior to Current year	(90)	(90)	0	0	0	0	0	0	0	0
Revenue - Other	(170)	(170)	(100)	0	0	(100)	0	0	0	0
Grants In Lieu of Taxes	(63)	(63)	0	0	0	0	0	0	0	0
TOTAL REVENUE	(323)	(323)	(100)	0	0	(100)	0	0	0	0
REQUISITION	**(17,927)**	**(17,927)**	**(18,080)**	**0**	**0**	**(18,080)**	**0**	**0**	**0**	**0**
*Percentage Increase over prior year	0.00%	0.00%	0.85%	0.00%	0.00%	0.85%	-100.00%	#DIV/0!	#DIV/0!	#DIV/0!
PARTICIPANTS:										
AUTHORIZED POSITIONS:										
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hourly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00