

# **GANGES SEWER LOCAL SERVICE COMMISSION**

Notice of Meeting on **Friday**, **October 7**, **2022** at **12:30 PM**Salt Spring Island Library Meeting Room, 129 McPhillips Avenue, Salt Spring Island, BC

Gary Holman Gary Utter David Toynbee Mike de Carle Jodie Miller

#### Zoom:

https://us06web.zoom.us/j/84088900893?pwd=UXhXak9HZEdqYmtNdndWdnFZVF In 2T09

#### **AMENDMENT TO AGENDA**

- 4. Delegation/Presentations
  - 4.1 Linda Underwood, President, Summerside Strata Council at 1 Don James, 2-17
    Vice President, Summerside Strata Council re: Comme Side Se /er Charges
- 5. New Business
  - Fig. 18-19 Request Additional Funds to Complete the Latelled Design for the Ganges Wastewater Treatment Plant Aeration System Up, rade Design

That the Ganges Sewer Local Serves Commusion recommends to the Capital Regional District Board that the Sewer Utility 2022-2026 Five-Year Capital Plan be amended to increase the roject pudget by an additional \$24,500 from \$90,000 to \$114,500 for the Ganges Sastewater Treatment Plant Aeration System Upgrade Design project, funded by Capital Reserve Fund.





# RULES GOVERNING THE HEARING OF INDIVIDUALS OR DELEGATIONS BY THE CAPITAL REGIONAL DISTRICT COMMISSIONS

- Under the CRD Procedural Bylaw, the Commission may, by resolution; allow an individual or a delegation to address the meeting on the subject of an agenda item, provided written application has been received by the Salt Spring Island Administration Office no later than 4:30pm two (2) calendar days prior to the meeting.
- If you miss this deadline, you may still submit this form; however such requests will requise unanimous approval of the Commissions at the intended meeting.
- Each address should be limited to five (5) minutes unless a longer period is agr "n by un. nime
- Each delegation should provide the number of copies of their written submission, as determed by

the Salt Spring Administration Staff.	
Submit form to Salt Spring Island A E-mail: saltspring@crd.bd Fax: (250) 537-4456 Capital Regional District, 108 121 McPhillips Ave	salt Sr ing Island, BC V8K 1K3
I wish to address the: DE GANGES SEWER COMMIS	10.
□ Parks and Recreation Commissior □ n.	spo tion Commission
AT THE MEETING OF FRIDAY C TOE 2 7  ON AGENDA ITEM SUMMERSIDE S WELL HA	, 202 Z at 12:30 AM/PM
STANDARD STA	
NAME_LINDA UNDED DE DA JAME	ES
IREPRESENT SUMA DE STRATA COL	
AS ESIDENT & VICE PRESIDENT (Capacity/Position)	DENT
TELEPHO E FAX	
E-MAIL	manage of the state of the stat
N reason, appearing is (are) and the substance of my	
WI NSUND BEGARDS WHAT WE SAW AS OVE	RBILLING FOR 2014-18, 500N
AFTER THIS SETTLEMENT WITH NISSWID WE AP	PROACHED THE CRD REGARDS
SEWED CHARGES. WE PEOGNIZE THAT WE MA	AY NOT MEET DEGICAL BYLAWS,
(If more space is required, please attach an add	litional page to this form.) HOWEVER, WE
CCT 3 2022	BELIEVE OU SDECIAL
Date	Signature CIRCUMSTANCE
	DESERVE TO HEAR C



# Integrated Water Services

479 Island Highway Victoria, BC, Canada V9B 1H7 T: 250.474.9600 F: 250.474.4012 www.crd.bc.ca

June 13, 2022

File: 0220-20

Ms. Linda Underwood, President Summerside Strata Plan VSI5366

Dear Ms. Underwood:

RE: SEWER BILLING ADJUSTMENT - SUMP ZRSID STRATA PLAN VSI5366, 107 ATKINS ROAD

As requested, our office reviewed your application for a sever a "ling adjustment related to a water leak at the property of 107 Atkins Road."

The Capital Regional District (CRD) provides a wer service to the 39 unit Summerside Strat Corporation building via the Ganges Sewer Local Service. Summerside Strata Corporation states that in years prior to 2018, it was coerbilled for vater from its water service provider, the North Salt Spring Waterworks District (NSWD), an improvement district and water provider independent of the CRD. The sever service charge is based on water consumption, and NSSWD provides consumption a nounce to the CRD for each billing period.

In September 2018, NSSV 2 replace the water meter for the property. No adjustment was requested at that time from the SRD 2 pon review, it was confirmed that NSSWD has not updated its water consumption amounts for prior years and has not provided a leak adjustment figure.

Please note, apital Reconal District Bylaw No. 3864, Section 7 and 8 states:

# 7. Utility . " Ap al

- Any Co sumer obtaining a utility bill may formally register a complaint or dispute with the General lianager regarding the amount of any charge on the utility bill, no more than hirty (30) days from the date of billing.
- (b) The General Manager will review the complaint and may reduce the utility bill amount if:
  - i) there is an error in the calculation of the bill amount; or
  - ii) another circumstance exists that makes payment of the full bill amount unjust.

# 8. Utility Bill Adjustments for Leaks in the Service Line

(a) No adjustment shall be made for leaks in internal plumbing systems and fixtures, including faucets and toilets, or leaks in an irrigation system on the Property.

[...]

- (h) Where the sewer charges are based on the water consumption volumes and a water leak adjustment has been approved, the consumption for sewer charges will be adjusted in accordance with the water consumption adjustment.
- (i) Where the sewer charges are based on the water consumption volumes and a water leak is in an irrigation system, the General Manager may adjust the sewer charges based on water consumption during the same billing period in the previous year; CRD Integrated Water Services shall absorb the remainder of the sewer consumption cost.
- (j) A sewer leak adjustment will be considered only for the billing period the way ak was detected and the previous billing period in which the leak occurred to a maxin up f two (2) billing periods.
- (k) Only one leak adjustment for water and sewer per Property within a twe 'e (1∠) month period shall be permitted.
- (I) A leak adjustment application form must be submitted within ? days of le billing date of the utility bill.

The meter replacement of NSSWD's equipment occurred in Systember 2018. Ten quarterly billing periods have occurred since then. No appeal was raised within the 30 day timeline of each bill; no leak adjustment was raised within the 30 day timeline of each bill; no leak adjustment was raised within the 30 day timeline or ach bill. Therefore, unfortunately, the CRD cannot grant a sewer leak billing adjustment or consider an appeal based on the bylaw criteria and timelines related to the request.

Should you require further information or clan. Patio. Please do not hesitate to contact me directly at trobbins@crd.bc.ca.

Sincerely,

Ted Robbins

General Manager rated Water Services

stnemdoette All to CKD  25/04/51	Agreement w/NSSWD 19/03/21	
poomed products council requests and council requests 11/02/51	Response from CRD A Hoge 17&18/05/21	Email forwarded by DJ Bridgewood to A Ho, A Hoge indicates bylaw and ask for information on ", a,
21/05/21 Email to Director G Holman	m CRD	Emails from DJ Bridgewood and A Hoge forwarded in prep for conversation
26/05/21 Emails to CRD S Burnham		Emails forward agon in prep for conversation
28/05/21 Conversation G Holman		Direct indicates he will follow up with staff. Advises commication with Ganges Sewer
18/06/21 Email tr .vD Gange ewer Prep fc meeting		Letter to Sewer Commission sent to CRD. K. Campbell replies
6 ter Co ersation		Gary indicates that committee rarely meets but when they do our letter will be discussed
?/03/22 G Utter Conversation	_	Gary indicates that he is waiting for CRD to get back to him. No communication from sewer commission
6/05/22 G Holman Conversatior	_	Director advises strata to send all correspondence and record of communications







From: LINDA UNDERWOOD

Sent: Thursday, April 29, 2021 8:25 am

To: DJ Bridgewood < djbridgewood@crd.bc.ca>

Cc: Don James

Subject: Summerside Strata VIS5366 - Sewer Charges

Dear Mr. Bridgewood,

Attached please find a letter and spreadsheet related to sewer charges for Summerside

Thank you for your attention to this inquiry.

Regards,

Linda Underwood President Summerside Strata Council Linda Underwood President - Summerside Strata Plan VSI5366



April 28,2021

D. J. Bridgewood Senior Financial Officer Capital Regional District 108-121 McPhillips Avenue Salt Spring Island, British Columbia

Dear Mr. Bridgewood,

This letter is a follow up to a conversation between a ursen and the vice president of our strata council, Don James, regards what our strata sees as an overcharge in sees

Attached please find a spreadsheet the shows the atter consumption reported by the CRD between 2009-2019. We have calculated an adjust of consumption and billed amount based on the average of six years (2009 to 2013 plus 2019)

We look forward to hearing your thoughts on this matter and would be happy to have a follow up conversation regards the NSS. It settlement and the attached information at your convenience.

Sincerely,

cc. D James

Attachment: Summerside Sewer Charges 2009-2019

Summerside Sewer Charges 2009-2019

Year	f Isumption er orted by CRD	Billed Amount	Rate Per Gallon	Adjusted Consumption	Adjusted Billled Amount	Over Billed Amount
2009	ر ''50س	371.70	0.010457	NA		
2010	23 ,92.00	458.98	0.012932	NA		
2011	20, 56.00	442.88	0.014179	NA		
2012	20,510.00	,04.,	0.016321	NA		
2013	22,903.00	510.67	0.015748	NA		
2014	27,308.00	40.00	0.015905	21,852	497.56	86.78
2015	27,077.00	583.0	0 72994	21,852	499.50	83.57
2016	28,333.00	899.31	0.r .044b	21,852	727.88	171.43
2017	28,700.00	1074.70	( 032220	21,852	854.07	220.63
2018	36,533.00	1438.28	0.00	2. 852	920.57	517.71
2019	21,951.00	946.69	0.03629			
				Overp yment per		1,080.12
	×			Total overpaymen		42,124.68
A flat rat	A flat rate of \$150.00 is added to	0.00 is added to the consumption rate	on rate			

\* Adjusted consumption RATE = AVERAGE of yEARS 2009-13 plus 2019 (67RS)

From: LINDA UNDERWOOD

Mon, May 17, 2021 04:40 PM

Subject: Re: Summerside Strata VIS5366 - Sewer Charges

To:djbridgewood <djbridgewood@crd.bc.ca>

Cc: Don James

Dear Mr. Bridgewood,

I'm following up on our April 29th email and the conversation that you had with Don Jees to v.

I understand that you will not be dealing with the inquiry that we made on Apr. 29th but I'm oping that you can clarify exactly what information the CRD requires and advise us if we should be 'king any fi ther action at this time to communicate with the CRD?

Many thanks Linda

From: "lindaunderwood"

To: "djbridgewood" <djbridgewood@crd.bc.ca>

Cc: "Don James"

Sent: Thursday, April 29, 2021 8:25:23 AM

Subject: Summerside Strata VIS5366 - Sev. Charges

Dear Mr. Bridgewood,

Attached please find a letter and speadsheet and to sewer charges for Summerside Strata.

Thank you for your attention to this inquiry.

Regards,

Linda Under od

President

Summerside Stra. Council

From : Andrew Hoge <ahoge@crd.bc.ca>

Subject : RE: Summerside Strata VIS5366 - Sewer Charges

To

Cc : DJ Bridgewood

<djbridgewood@crd.bc.ca>

Tue, May 18, 2021 09:56 AM

A attachments

Hello Linda,

Your email below was forwarded to me by DJ Bridgewood. Regarding this matter described in your recent letter (attached), a utility service leak adjustment within the Salt Spring Island Elector Area are governed under CRD bylaw 3864. Section 8(h) of this bylaw is reproduced below:

Bylaw No 3864

Pa.

- 8 Utility Bill Adjustments for Leaks in the Service Line
  - (a) No adjustment shall be made for leaks in internal plumbil systems and foures, including faucets and toilets, or leaks in an irrigation system of the Property.
  - (b) The General Manager may make an adjustment to a low bill the case of water leak and may take into consideration the cause of the wind loss. In the Consumer to detect the leak, the possibility of Consumer negligence or fault regarding the leak, and the promptness will which the leak vin stopped or repaired after discovery.
  - (c) To qualify for a utility bill adjust the an must be been caused by circumstances beyond the Consuler a consuler such such a in the Service Line, a mechanical mailtunction, water sheft, vandad or or other unusual or emergency conditions.
  - (d) An owner must provide tangible roof that all years as have been repaired, the CRD Integrated Water Services has a pauthority to a pect the repair prior to considering a water leak adjustment.
  - (e) The General Macacer, upon receiving an application for a water leak adjustment, may adjust the adjustment of within the consumer where the owner satisfactorily proves the was a way leak(s) originating on the Consumer side of the meter service by or chamber.
  - (i) If the Germai Manager persists a utility bill adjustment, the Consumer shall assume reconsible for the normal amount of water consumed at the current retail water rate base on the time billion period's consumption in the previous year, CRD Integrated Water crycles.
  - CRD Interest and Water Services will only consider a water leak adjustment for the eleak was detected and the previous billing period in which the leak occurred to aximum of two (2) billing periods.
  - (h) here the sewer charges are based on the water consumption volumes and a water len, adjustment has been approved, the consumption for sewer charges will be adjusted in accordance with the water consumption adjustment.
  - (i) Where the sewer charges are based on the water consumption volumes and a water leak is in an irrigation system, the General Manager may adjust the sewer charges based on water consumption during the same billing period in the previous year, CRD Integrated Water Services shall absorb the remainder of the sewer consumption cost.
  - (j) A sewer leak adjustment will be considered only for the billing period the water leak was detected and the previous billing period in which the leak occurred to a maximum of two (2) billing periods.
  - (k) Only one leak adjustment for water and sewer per Property within a twelve (12) month period shall be permitted.
  - (ii) A leak adjustment application form must be submitted within 30 days of the billing date of the utility bill.

If you are able to provide us with the relevant water consumption volume related to a water leak adjustment, please do so and we will review once we receive this information.

Thank you,

-Andrew

Andrew Hoge, CFA, CPA, CGA

# Manager, Corporate Finance & Treasury

Capital Regional District

PO Box 1000, 625 Fisgard Street

Victoria, BC V8W 2S6

Email: <u>ahoge@crd.bc.ca</u> Phone (Direct): 250-360-3004 Phone (Cell): 250-216-5541







From: LINDA UNDERWOOD

Sent: Thursday, April 29, 2021 8:25 am

To: DJ Bridgewood <a href="mailto:cd">djbridgewood@crd.bc.ca</a>

Cc: Don James

Subject: Summerside Strata VIS5366 - Sewer Cirges

Dear Mr. Bridgewood,

Attached please find a letter and spreadsheet it ted to sower charges for Summerside Strata.

Thank you for your attention to thi inquiry.

Regards,

Linda Underwood President Summerside Strat Council

From: LINDA UNDERWOOD	Fri, May 21, 2021 03:58 PM
Subject: Fwd: Summerside Strata VIS5366 - Sewer Charges	2 attachments
To:directorssi <directorssi@crd.bc.ca></directorssi@crd.bc.ca>	
Cc : Don James	
Hello Gary,	
I am forwarding the email sent to DJ Bridgewood on April 29th. I include excel document showing the sewer charges.	es two attach. ants: 'etter DJ and an
I will forward Andrew Hoge's email to you separately.	
Regards, Linda	
p.s. I called the number Don provided and and assay Don and I are available Tuesday or Wednesday of next yeek.	to set up a Zoom meeting time. Both
To: "djbridgewood" <djbridgewood@crd.bc ca=""> Cc: "Don James"</djbridgewood@crd.bc>	
Sent: Thursday, April 29, 2021 8:25-0-14 Subject: Summerside Strata V' .5366 - S. ver Charges  Dear Mr. Bridgewood,	
Attached please find a letter and spreadsneet related to sewer charges	for Summerside Strata.
Thank you for you attention to his inquiry.	
Regards,	
Linda Underwood Presid at Summer de Strata Council	
Summerside Sewer Charges 2009-2019.xlsx 14 KB	
Summerside Sewer Charges - CRD letter.docx	

From: LINDA UNDERWOOD

Wed, May 26, 2021 04:01 PM

2 attachments

Subject: Fwd: Summerside Strata VIS5366 - Sewer Charges

To:sburnham@crd.bc.ca

Cc: Don James

Hello Shayla,

This is the first of three emails related to Summerside Sewer charges.

Thank you for setting up the meeting with Gary.

Regards, Linda

From: "lindaunderwood"

To: "directorssi" <directorssi@crd.bc.ca>

Cc: "Don James"

Sent: Friday, May 21, 2021 3:58:30 PM

Subject: Fwd: Summerside Strata VIS5366 - Sewer harges

Hello Gary,

I am forwarding the email sent to J Bridgew d on April 29th. I includes two attachments: a letter to DJ and an excel document showing the sew charges.

I will forward Andrew Hoge's ema to you see a letter.

Regards, Linda

p.s. I called the number Don provided and left a message to set up a Zoom meeting time. Both Don and I a available Tuesday or Wednesday of next week.

Fron. "lingaune od"

To: "djbn. rewood" <djbridgewood@crd.bc.ca>

Cc: "Don Ja. es"

Sent: Thursday, April 29, 2021 8:25:23 AM

Subject: Summerside Strata VIS5366 - Sewer Charges

Dear Mr. Bridgewood,

Attached please find a letter and spreadsheet related to sewer charges for Summerside Strata.

Thank you for your attention to this inquiry.

Regards,

From: LINDA UNDERWOOD

Wed, May 26, 2021 04:03 PM

3 attachments

Subject: Fwd: Summerside Strata VIS5366 - Sewer Charges

To:sburnham <sburnham@crd.bc.ca>

Cc : Don James <

From: "lindaunderwood"

To: "directorssi" <directorssi@crd.bc.ca>

Cc: "Don James"

Sent: Friday, May 21, 2021 3:59:50 PM

Subject: Fwd: Summerside Strata VIS5366 - Sewer Charges

From: "Andrew Hoge" <ahoge@crd.bc.ca>

To: "lindaunderwood"

Cc: "Don James" "djbridge ood" <djbridgewood@crd.bc.ca>

Sent: Tuesday, May 18, 2021 9:56:49 AM

Subject: RE: Summerside Strat VIS536 - Seven marges

Hello Linda,

Your email below was forwarded to me by DJ Bridgewood. Regarding this matter described in your recent letter (attached), a utility service leak adjustment within the Salt Spring Island Electoral Area are governed under CRD bylaw 3864. Section 8(h) of this bylaw is reproduced below:

If you are able to provide us with the relevant water consumption volume related to a water leak adjustment, please do so and we will review once we receive this information.

Thank you,

-Andrew

Andrew Hoge, CFA, CPA, CGA

Manager, Corporate Finance & Treasury
Capital Regional District
PO Box 1000, 625 Fisgard Street
Victoria, BC V8W 2S6

Email: <u>ahoge@crd.bc.ca</u>
Phone (Direct): 250-360-3004
Phone (Cell): 250-216-5541







From: LINDA UNDERWOOD

Sent: Thursday, April 29, 2021 8:25 am

To: DJ Bridgewood < djbridgewood@crd. ca>

Cc: Don James

Subject: Summerside Strata VISF 66 - Sew Charges

Dear Mr. Bridgewood,

Attached please find a letter and spreads...et related to sewer charges for Summerside Strata.

Thank you for your tention to his inquiry.

Regards,

Linda Underwoo President Summe roe o... rncil

From: LINDA UNDERWOOD

Wed, May 26, 2021 04:04 PM

**Subject :** Fwd: Summerside Strata VIS5366 - Sewer Charges

2 attachments

To:sburnham@crd.bc.ca>

Cc : Don James

Hi Shayla,

This email duplicates Andrew's email and shows our reply.

Linda

From: "lindaunderwood"

To: "Andrew Hoge" <a hoge@crd.bc.ca>

Cc: "Don James" "djbridgew djbridgew djbridgew

Sent: Friday, May 21, 2021 3:46:44 PM

Subject: Re: Summerside Strata VIS5366 - Sewer Carges

Hello Andrew,

Thank you for taking the time to reply to our very regard the sewer charges at Summerside.

As our confidential settlement with your vasing factors we do not have the information that the bylaw requires. The agreement with NSSWD does enable us a share the settlement amount with the CRD if it is held in confidence. We would be happy a speak with you should you wish to follow up.

Regards, Linda

From: "Andrew 'oge" <ahor @crd.bc.ca>

To: "lindaun rwo. "

Cc: "Don Jame" "djbridgewood" <djbridgewood@crd.bc.ca>

Sen 18, 2021 9:56:49 AM

Subje : RE: Summerside Strata VIS5366 - Sewer Charges

#### Hello Linda,

Your email below was forwarded to me by DJ Bridgewood. Regarding this matter described in your recent letter (attached), a utility service leak adjustment within the Salt Spring Island Electoral Area are governed under CRD bylaw 3864. Section 8(h) of this bylaw is reproduced below:

Bylaw No 3864 Page 4

#### Utility Bill Adjustments for Leaks in the Service Line

- (a) No adjustment shall be made for leaks in internal plumbing systems and fixtures, including faucets and toilets, or leaks in an irrigation system on the Property.
- (b) The General Manager may make an adjustment to a utility bill in the case of a water leak and may take into consideration the cause of the water loss, the opportunity for the Consumer to detect the leak, the possibility of Consumer negligence or fault regarding the leak, and the promptness with which the leak was stopped or repaired after discovery.
- (c) To qualify for a utility bill adjustment, the leak must have been caused by circumstances beyond the Consumer's control, such as a break in the Service Line, a mechanical malfunction, water theft, vandalism, or other unusual or emergency conditions.
- (d) An owner must provide tangible proof that all water leaks have been repaired, the CRD Integrated Water Services has the authority to inspect the repair prior to considering a water leak adjustment.
- (e) The General Manager, upon receiving an application for a water leak adjustry of may adjust the amount of any utility bill for a Consumer where the owner a sfactorily proves there was a water leak(s) originating on the Consumer side of metric service box or chamber.
- (f) If the General Manager permits a utility bill adjustment, the Communication responsibility for the normal amount of water consumed at the purent retain her rate based on the same billing period's consumption in the previor year, CRD Instructed Water Services shall absorb the remainder of the water consumption cost.
- (g) CRD Integrated Water Services will only consider a vater is adjustment if the billing period the leak was detected and the previous long period in which le leak occurred to a maximum of two (2) billing periods.
- (h) Where the sewer charges are based on the vater consumption for sever charges will be adjustment has been approved, the accumption for sever charges will be adjusted in accordance with the water consumption adjustment.
- (i) Where the sewer charges are based water sumpti volumes and a water leak is in an irrigation system, if General leager leaks the sewer charges based on water consumption doing the same bing period in the previous year CRD Integrated Water Services shall poserb the remain or of the sewer consumption cost
- A sewer leak adjustment will be considered an embedding period the water leak was detected and the previous being period in a children of two (2) billing periods.
- (k) Only one leak a depend for water and sewer per Property within a twelve (12) month period shall permin.
- A leak ad/ (ment applicat) form must be submitted within 30 days of the billing date of the utility bill.

If you are able to prove the relevant water consumption volume related to a water leak adjustment, please do so and we will review once we receive this information.

Thank yo

-Andrew

Andrew Hoge, CFA, CPA, CGA

Manager, Corporate Finance & Treasury
Capital Regional District
PO Box 1000, 625 Fisgard Street
Victoria, BC V8W 2S6
Email: ahoge@crd.bc.ca

Phone (Direct): 250-360-3004 Phone (Cell): 250-216-5541



# REPORT TO GANGES SEWER UTILITY COMMISSION MEETING OF FRIDAY, OCTOBER 7<sup>th</sup>, 2022

# SUBJECT Request Additional Funds to Complete the Detailed Design for the Ganges Wastewater Treatment Plant Aeration System Upgrade Design

# **ISSUE**

Additional funds are required to continue with the investigation and design for the langes Wastewater Treatment Plant (WWTP) aeration system upgrade.

# **BACKGROUND**

The Ganges WWTP was built in 1983 to service the Ganges componity on S. It Spring Island. The original plant employed a rotating biological contactor (RPO) process, which was converted to a membrane bioreactor (MBR) process in 1998. In the monor receive grade undertaken between 2016-2018, many equipment components were contacted and some process modifications were made.

During the course of completing the upgrade some additional ite. Is were identified that should be addressed and brought forward to the Commission at their Algust 29, 2019 meeting. The Ganges WWTP had been experiencing low dissolved or gen (DO) concentrations in the aeration tank. The plant achieves biochemical oxygen demand (BOD) reduction but has not been able to achieve full and stable nitrification in the summer, which has led to high concentrations of ammonia in the effluent. In 2020 a parient was a ded to the capital plan to retain a specialist in aeriation systems to evaluate the process and provide recommenations for improvement which was completed in 2020. The premisinary design report presented blower options, sizing and location options as well as proposed up rades to header sizing and diffuser layout modifications.

A request for proposals for letailed cosign was issued in August 2022 and three proposal submissions were received. An advantage and scoring all proposals, the cost presented by the preferred proposals is greater than the allocated budget.

# **ALTERNATIV** S

#### Alternativ 1

The Sewer Local Services Commission recommends to the Capital Regional District Board hat the Ganges Sewer Utility 2022-2026 Five-Year Capital Plan be amended to increase the proje budget by an additional \$24,500 from \$90,000 to \$114,500 for the Ganges Wastewater Treatment. lant Aeration System Upgrade Design project, funded by Capital Reserve Fund.

#### Alternative 2

That this report be referred back to staff for additional information.

# **IMPLICATIONS**

A delay in the approval of the additional project budget will likely postpone the project until 2023. A delay to 2023 will probably result in an increase in the quoted price for the work and the potential need to re-tender the project. The table outlines the project costs and additional funding required

to complete the project.

Ganges WWTP Aeration System Upgrade	Budget
Initial Project Budget	
Project Management	\$9,000
Design	\$81,000
Sub Total	\$90,000
Spent to Date	
Project Management costs to date	(\$5,680)
Costs to Complete	
Design Cost (Quote from preferred proponent)	(\$9, 700,
Contingency (10%)	₹9,1≥
Project Management to complete	(\$8, 00)
Total Corr	(\$114 ,00)
Additional Funding Required	
Funding to be Transferred from CRF	\$24,500

There are sufficient funds available in the Capital Rese. ? Fund for the service to increase the project budget by \$24,500.

# CONCLUSION

The balance in the Capital Reserve Fund (\$537, 152) has sufficient funds available to complete the detailed design for the Aeration S, tem Upg de for the Ganges Sewer Utility service and avoid schedule delays, increased losts and the otential for the plant to operate with less than efficient denitrification.

### RECOMMENDATION

That the Ganges Sewer Local Services Commission recommends to the Capital Regional District Board that the Canges Sewer Utility 2022-2026 Five-Year Capital Plan be amended to increase the project but set by an a ditional \$24,500 from \$90,000 to \$114,500 for the Ganges Wastewater Treatment Plant Aeration System Upgrade Design project, funded by Capital Reserve Fund.

Submitted b	Dean Jlafson, P. Eng., MBA, Engineering Manager, Salt Spring Electoral Area
Co. arla Campbell, MBA, BPA, Senior Manager, Salt Spring Electoral Area	
Concu. nce:	Lia Xu, M. Sc., CPA, CGA Manager, Financial Services
Concurren e:	Robert Lapham, MCIP, RPP, Chief Administrative Officer