



# SUNSHINE COAST REGIONAL DISTRICT



## REGULAR BOARD MEETING TO BE HELD ELECTRONICALLY AND TRANSMITTED VIA THE BOARDROOM OF THE SUNSHINE COAST REGIONAL DISTRICT OFFICES AT 1975 FIELD ROAD, SECHELT, B.C.

THURSDAY, SEPTEMBER 22, 2022

### AMENDED AGENDA

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CALL TO ORDER 2:00 p.m.

#### AGENDA

1. Adoption of agenda

#### MINUTES

2. Regular Board meeting minutes of September 8, 2022

Annex A  
Pages 1 - 12

#### BUSINESS ARISING FROM MINUTES AND UNFINISHED BUSINESS

#### PRESENTATIONS AND DELEGATIONS

#### REPORTS

3. Committee of the Whole recommendation Nos. 1, 2, 5, 6 and 8-10 of September 8, 2022 (*recommendation Nos. 3, 4 and 7 previously adopted*) Annex B  
pp 13 – 16
- 3a. ➔**ADD** Committee of the Whole recommendation Nos. 1, 6 and 9 of September 22, 2022 pp 16a – b
- 3b. ➔**ADD** Proposed Edwards Lake Siphon Installation - Assistant Manager, Utility Engineering pp 16c – e

#### COMMUNICATIONS

4. Trent Thomas, BC Geographical Names Office, Ministry of Forests, Lands, Natural Resource Operations, and Rural Development, dated September 15, 2022 Annex C  
pp 17 - 22  
Regarding name change proposals for several geographical features in the shíshálh swiya/Sunshine Coast Area

#### MOTIONS

## BYLAWS

- |  |                               |
|--|-------------------------------|
| <p>5. <i>Sunshine Coast Regional District Sanitary Landfill Site Amendment Bylaw No. 405.25, 2022 – receipt of staff report – first, second and third reading and adoption (Voting – All Directors – weighted vote: A-2, B-2, D-2, E-2, F-2, Sechelt-6, Gibsons-3, SIGD-1)</i></p> | <p>Annex D<br/>pp 23 - 30</p> |
| <p>6. <i>Sunshine Coast Regional District Waste Collection Amendment Bylaw No. 431.27, 2022 – first, second, third reading and adoption (Voting – Participants – weighted vote: B-2, D-2, E-2, F-2)</i></p>  | <p>Annex E<br/>pp 31 - 32</p> |

## DIRECTORS' REPORTS

Verbal

## NEW BUSINESS

## IN CAMERA

THAT the public be excluded from attendance at the meeting in accordance with Section 90 (1) (a), (d), (f), (g), (i), (k) and (2) (b) of the *Community Charter* – “personal information about an identifiable individual...”, “the security of the property of the municipality”, “law enforcement, if the council considers that disclosure could reasonably be expected to harm the conduct of an investigation under or enforcement of an enactment”, “litigation or potential litigation affecting the municipality”, “the receipt of advice that is subject to solicitor-client privilege, including communications necessary for that purpose”, “negotiations and related discussions respecting the proposed provision of a municipal service” and “the consideration of information received and held in confidence relating to negotiations between the municipality and a provincial government...”.

## ADJOURNMENT

## UPCOMING MEETING DATES

### SCRD Board, Committee, and Advisory Committee Meetings (to September 30, 2022)

<del>Advisory Planning Commission (Area D) - CANCELLED</del>	<del>September 19 at 7:00 pm</del>
Committee of the Whole	September 22 at 9:30 am
Regular Board	September 22 at 2:00 pm
<del>Advisory Planning Commission (Area B) - CANCELLED</del>	<del>September 27 at 7:00 pm</del>
<del>Advisory Planning Commission (Area F) - CANCELLED</del>	<del>September 27 at 7:00 pm</del>
<del>Advisory Planning Commission (Area A) - CANCELLED</del>	<del>September 28 at 7:00 pm</del>
<del>Advisory Planning Commission (Area E) - CANCELLED</del>	<del>September 28 at 7:00 pm</del>

**Please note:** Meeting dates are current as of print date (September 22, 2022).

**Recommendation No. 1**      *2023 Transit Expansion Memorandum of Understanding*

THAT the delegation materials provided by BC Transit and the report titled 2023 Transit Expansion Memorandum of Understanding be received for information;

AND THAT the 2023-2027 Financial Plan include the associated revenues and expense for the 2023/24 (Year 1) expansion priorities including increased weekday frequency on Route 90 and Custom Transit to include Sunday service and extended weekday evening service to 5:30 p.m.;

AND THAT the Memorandum of Understanding be amended to providing the proposed feasibility study initiative “Feasibility study to provide analysis on potential service to Earl’s Cove and inter-regional connection opportunities” in Year 2 (2024/25);

AND THAT the delegated authorities be authorized to sign the amended Memorandum of Understanding;

AND FURTHER THAT this recommendation be forwarded to the Regular Board meeting of September 22, 2022.

**Recommendation No. 6**      *UBCM Disaster Risk Reduction – Climate Adaptation Grant Application – Coastal Flood Mapping*

THAT the report titled Union of British Columbia Municipalities (UBCM) Disaster Risk Reduction – Climate Adaptation Grant Application – Coastal Flood Mapping be received for information;

AND THAT the Sunshine Coast Regional District (SCRD) supports the project application to the UBCM Disaster Risk Reduction – Climate Adaptation Program for development of a Coastal Flood Mapping for the SCRD and agrees to provide overall grant management;

AND THAT requests for resolutions of support be forwarded to Town of Gibsons, District of Sechelt, Islands Trust, shíshálh Nation and Skwxwú7mesh Nation;

AND FURTHER THAT this recommendation be forwarded to the Regular Board meeting of September 22, 2022.

**Recommendation No. 9**      *Request for Proposal (RFP) 2231203 Garage Hoist Replacement Contract Award*

THAT the report Request for Proposal (RFP) 2231203 Garage Hoist Replacement Contract Award be received for information;

AND THAT a contract for the garage hoist replacement project be awarded to Wesvac Industrial Ltd., for a value not to exceed \$162,000 (excluding GST);

AND THAT the delegated authorities be authorized to execute the contract;

AND THAT the budget for this project be increased to \$162,000 from \$131,250 to be funded through a Municipal Finance Authority (MFA) 5-Year Equipment Financing Loan;

AND THAT a loan of up to \$162,000 for a term of 5 years be requested through MFA Equipment Financing Program under Section 403(1)(a) of the *Local Government Act (Liabilities Under Agreement)* to fund the garage hoist replacement;

AND THAT the 2022-2026 Financial Plan be amended accordingly;

AND FURTHER THAT this recommendation be forwarded to the Regular Board meeting of September 22, 2022.

## **SUNSHINE COAST REGIONAL DISTRICT STAFF REPORT**

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**TO:** SCRD Board – September 22, 2022

**AUTHOR:** Trevor Rutley, Assistant Manager, Utility Engineering

**SUBJECT:** PROPOSED EDWARDS LAKE SIPHON INSTALLATION

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### **RECOMMENDATION(S)**

**THAT the report titled Proposed Edwards Lake Siphon Installation be received for information;**

**AND THAT the SCRD Board seek approval from the shíshálh Nation to proceed with the installation of the Edwards Lake Siphon System;**

**AND THAT the installation and decommissioning of a siphon system at Edwards Lake be approved in the amount of up to \$350,000 and funded through Regional Water Operating Reserves;**

**AND THAT the SCRD Board request Emergency Water Provision from the Town of Gibsons;**

**AND THAT the SCRD Board and delegated authorities be authorized to enter into an agreement on the 2021 Emergency Water Supply with the Town of Gibsons;**

**AND FURTHER THAT the 2022-2026 Financial Plan Bylaw be amended accordingly.**

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### **BACKGROUND**

On August 31, 2022, the Sunshine Coast Regional District (SCRD) enacted Stage 4 water conservation regulations. Due to severe drought conditions and lack of precipitation in the upper watershed, water levels in Chapman Lake and Edwards Lake have been steadily dropping.

As there is no significant precipitation in the forecast, staff are recommending that a siphon system at Edwards Lake be installed as soon as possible. The purpose of this report is to seek Board approval of the siphon installation and associated funding.

### **DISCUSSION**

#### *Proposed Edwards Lake Siphon Installation*

In 2021, the SCRD activated an Emergency Operations Centre (EOC) to coordinate the unprecedented drought response which lasted 41 days in late summer. The region is facing similar conditions this year, and without significant rain in the forecast, staff need to seek additional sources to ensure there is sufficient residential drinking water, and water for fire protection and the Sechelt Hospital. The required rainfall to recharge the lakes to adequate levels is about 100 mm over several days.

The emergency siphon system on Chapman Lake is already in use. The SCRD needs to set up an additional water supply source to supplement the rapidly decreasing water levels at Chapman Lake should the current drought continue into October. The SCRD has developed an emergency supply plan to deploy a siphon system into Edwards Lake to augment supply, similar to the Chapman Lake emergency siphons, with proposed installation the first week of October 2022. Staff are in the process of applying for the required provincial permits, specifically a temporary amendment to the existing Parks Use Permit and a new, short-term water use approval from the Ministry of Forests.

Based on current consumption rates, water supply projections indicate lake levels could reach critically low levels by October 13, 2022. Installation of a siphon system at Edwards Lake will give access to an additional 526,000 cubic metres (m<sup>3</sup>) of water which would equate to approximately 16 days of water supply, anticipating that autumn rains will begin to replenish the watershed.

During the 2021 EOC, a siphon system was designed for Edwards Lake and materials were purchased. Ultimately installation did not proceed in 2021 as there was heavy rainfall which replenished the lakes in mid-September of that year. While materials are available to begin installation, the majority of the 2022 costs are for transportation and installation which will consist of six parallel runs of pipe which are 200 metres in length. Staff are also completing necessary work to fulfil the permit requirements, including archaeological and environmental impact assessments. These costs are included in the total funding request.

#### *Emergency water supply from the Town of Gibsons*

In addition, last year the Town of Gibsons (TOG) and SCRD entered into an agreement to supply emergency water to the Chapman Water System. TOG has notified the SCRD that they are prepared to assist again this year and are awaiting a formal request, so they can seek approval from the Province.

#### *Organization and Intergovernmental Implications*

Should the Board approve the proposed Edwards Lake siphon installation, the SCRD must seek support from the shíshálh Nation for this project, an important step to receive provincial approval, particularly as Edwards Lake is in Tetrahedron Provincial Park.

#### *Financial Implications*

The installation of the 2022 Edwards Lake siphon is estimated to cost up to \$250,000. As part of the conditional use permit from BC Parks, the Edwards Lake siphon system would also need to be decommissioned and removed from site in 2023, which is estimated to cost \$100,000. The total cost for the 2022 Edwards Lake siphon system is \$350,000.

The proposed funding for this project is from the Regional Water Service [370] operating reserves as the siphon is of a temporary nature. Currently the estimated uncommitted operating reserve balance is \$1.2 million.

#### *Timeline for next steps*

Unless there is significant rainfall before the end of September, installation of the siphon system at Edwards Lake will take place during the week of October 3 to October 7, 2022. The siphons will be operational as soon as they are assembled. Based on the Chapman Lake siphon system,

staff anticipate the siphons at Edwards Lake could be installed and operational by Friday, October 7, 2022.

*Communications Strategy*

Should the SCRD receive approval, on September 28, 2022, staff will notify BC Parks, shíshálh Nation and Ministry of Forests if installation of the siphon system at Edwards Lake will proceed. Staff will continue with messaging to the public about the importance of water conservation during Stage 4.

**STRATEGIC PLAN AND RELATED POLICIES**

This project is aligned with the core strategy to ensure year-round water availability.

**CONCLUSION**

The Sunshine Coast has not received any significant rainfall since Stage 4 water conservation regulations were enacted and there is no rainfall in the short-term forecast.

It is recommended that installation and decommissioning of a siphon system at Edwards Lake be approved in the amount of up to \$350,000 and funded through Regional Water Operating Reserves. Staff also recommend that the SCRD Board seek approval shíshálh Nation to proceed with the installation of the Edwards Lake Siphon System and request Emergency Water Provision from the Town of Gibsons through a formal agreement.

Reviewed by:			
Manager	X - S. Walkey	Finance	X- T. Perreault
GM, Acting	X - M. Edbrooke	Legislative	
CAO	X - D. McKinley	Purchasing	X - V. Cropp