



**SEVERN SOUND ENVIRONMENTAL ASSOCIATION
JOINT MUNICIPAL SERVICE BOARD (JMSB)
2022 Second Quarter (Q2) Meeting**

**July 26th, 2022
9:30am – 12:00pm
Via video & telephone conference**

1. WELCOME AND CALL TO ORDER

2. ADOPT AGENDA

3. DECLARATION OF PECUNIARY INTEREST

4. APPROVAL OF PAST MINUTES

4.1 Minutes of 2022 First Quarter (Q1) meeting of the SSEA Joint Municipal Service Board held April 28, 2022

4.2 Minutes of 2022 First Quarter (Q1) meeting of the SSEA Source Protection Authority meeting held April 28, 2022

4.3 Minutes of the SSEA 2022 Special Board Executive Budget Meeting held June 13, 2022


4.4 Business arising from the minutes


5. SEVERN SOUND SOURCE PROTECTION AUTHORITY MEETING

None.

6. SSEA SECOND QUARTER 2022 REPORT

7. PRESENTATIONS

7.1 Past and Upcoming Events Update – Julie Cayley, SSEA Executive Director 

7.2 Provincial Water Quality Monitoring Network – Partner Update – Aisha Chiandet, SSEA Water Scientist 

8. SSEA FINANCIAL REPORTS


8.1 Staff Report 15-22-SSEA - 2021 Draft Financial Report

8.2 Staff Report 16-22-SSEA - 2022 2ND Quarter Draft Financials

8.3 Staff Report 17-22-SSEA - 2023 Draft Budget Report

8.4 Staff Report 18-22-SSEA - SSEA Staffing Cost Update

9. SSEA CORPORATE ADMINISTRATION UPDATES

- 9.1 Staff Report 19-22-SSEA - Severn Sound SWP/RMO Update
- 9.2 Staff Report 20-22-SSEA - Office Lease Update
- 9.3 Staff Report 21-22-SSEA - Invasive Species Program Update
- 9.4 Staff Report 22-22-SSEA - 2020-2021 Annual Report 
- 9.5 Staff Report 23-22-SSEA - Sustainable Severn Sound (SSS) Update
- 9.6 Staff Report 24-22-SSEA - Grant Application Update
- 9.7 Staff Report 25-22-SSEA - Tree Program Update
- 9.8 Staff Report 26-22-SSEA - Projects 4 Pollinators Initiative
- 9.9 Staff Report 27-22-SSEA - Depave Paradise Program Wrap-up
- 9.10 Staff Report 28-22-SSEA - Events Update

10. EXECUTIVE DIRECTOR UPDATE

- 10.1 Staff Report 29-22-SSEA – Executive Director Q2 Report (On Table)

11. ANNOUNCEMENTS

12. CORRESPONDENCE

13. CLOSED SESSION

None

14. OTHER BUSINESS

15. ADJOURN



**SEVERN SOUND ENVIRONMENTAL ASSOCIATION
JOINT MUNICIPAL SERVICE BOARD (JMSB)
2022 First Quarter (Q1) Meeting**

**April 28, 2022
9:30am – 12:00pm
Via video & telephone conference
Draft Minutes**

Present via zoom video:

SSEA Chair, Deputy Mayor Steffen Walma	Township of Tiny
SSEA Vice Chair, Councillor Paul Wiancko	Township of Georgian Bay
SSEA Past Chair, Councillor Ron Stevens	Township of Severn
Councillor Ian Veitch	Township of Oro-Medonte
Councillor Perry Ritchie	Township of Springwater
Deputy Mayor Anita Dubeau	Town of Penetanguishene
Councillor Paul Raymond	Township of Tay

Regrets:

Councillor Carole McGinn	Town of Midland
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Staff present via zoom video:

Julie Cayley	Executive Director
Lex McPhail	IT Manager/GIS Applications Specialist
Judy Limoges	Treasurer
Cliff Evanitski	Office Manager
Melissa Carruthers	Risk Mgmt. Official/Risk Mgmt. Inspector
Michelle Hudolin	Wetlands & Habitat Biologist
Tamara Brincat	Invasive Species Program Coordinator
Aisha Chiandet	Water Scientist
Nicole Stott	Invasive Species Management Technician
Nikki Priestman	Watershed Health Coordinator
Paula Madill	Ecosystem Technologist
Emily Edgley	Citizen Science & Water Quality Coordinator

1. WELCOME AND CALL TO ORDER

Chair Walma called the meeting to order at 9:32 am. The Executive Director asked for the addition of a new SSEA Climate Change video to the end of the agenda.

2. ADOPT AGENDA

MOTION: 2022-04

Moved by: I. Veitch

Seconded by: A. Dubeau

RESOLVED THAT: the SSEA Joint Municipal Service Board approves the Meeting Agenda as amended and dated April 28, 2022

Carried;

3. DECLARATION OF PECUNIARY INTEREST

None declared.

4. APPROVAL OF PAST MINUTES

4.1 Minutes of 2021 SSEA Agricultural Advisory Committee Meeting held April 27, 2021.

MOTION: 2022-05

Moved by: P. Raymond

Seconded by: P. Wiancko

RESOLVED THAT: the SSEA Joint Municipal Service Board approves the minutes of the SSEA Agricultural Committee Meeting held April 27, 2021.

Carried;

4.2 Minutes of the Fourth Quarter (Q4) Meeting of the SSEA Joint Municipal Service Board held January 27, 2022.

MOTION: 2022-06

Moved by: A. Dubeau

Seconded by: R. Stevens

RESOLVED THAT: the SSEA Joint Municipal Service Board approves the minutes of its Fourth Quarter meeting held January 27, 2022.

Carried;

4.3 Minutes of the SSEA 2022 Special Meeting of the Board held February 4, 2022.

Motion 2022-07

Moved by: R. Stevens

Seconded by: A. Dubeau

RESOLVED THAT: the SSEA Joint Municipal Service Board approves the minutes of its Special Meeting held February 4, 2022.

Carried;

4.4 Business arising from the minutes.

None.

5. SEVERN SOUND SOURCE PROTECTION AUTHORITY MEETING

5.1 Suspend the SSEA meeting to allow the SSSPA to meet.

MOTION: 2022-08

Moved by: I. Veitch

Seconded by: R. Stevens

RESOLVED THAT: the SSEA Joint Municipal Service Board meeting be suspended to allow the Severn Sound Source Protection Authority meeting to proceed at 9:36a.m.

Carried;

Councilor Ritchie joined the meeting at 10am.

6. SSEA FIRST QUARTER 2022 REPORT

MOTION: 2022-009

Moved by: A. Dubeau

Seconded by: R. Stevens

RESOLVED THAT: The First Quarter 2022 report presented by Julie Cayley, Executive Director, be received for information.

Carried;

7. PRESENTATIONS

7.1 Invasive Species Mitigation at Municipal Boat Launches - Tamara Brincat (SSEA Invasive Species Program Coordinator)

MOTION: 2022-010

Moved by: I. Veitch Seconded by: R. Stevens

RESOLVED THAT: the SSEA Joint Municipal Service Board receives staff's Invasive Species Mitigation at Municipal Boat Launches Report as presented at its meeting of April 28, 2022.

Carried;

7.2 SSEA Citizen Science Update – Emily Edgley (SSEA Citizen Science and Water Quality Coordinator)

MOTION: 2022-011

Moved by: I. Veitch Seconded by: R. Stevens

RESOLVED THAT: the SSEA Joint Municipal Service Board receives staff's SSEA Citizen Science Update as presented at its meeting of April 28, 2022.

Carried;

Chair moved Closed Session forward in the agenda to allow Councillor Dubeau to participate as she would be leaving meeting at 11am.

CLOSED SESSION

MOTION: 2022-026

Moved by: I. Veitch Seconded by: P. Wiancko

RESOLVED THAT: the SSEA Joint Municipal Service Board moves to Closed Session to deal with a confidential Personnel matter.

Carried;

MOTION: 2022-027

Moved by: P. Raymond Seconded by: P. Ritchie

RESOLVED THAT: the SSEA Joint Municipal Service Board rises from the Closed Session and report findings.

Carried;

MOTION: 2022-028

Moved by: P. Wiancko Seconded by: P. Ritchie

RESOLVED THAT: the SSEA Joint Municipal Service Board spoke to a confidential Personnel matter and provided staff direction on said matter.

Carried;

Councillor Dubeau left meeting at 10:57am.

8. SSEA FINANCIAL REPORTS

8.1 Staff Report 01-22-SSEA - 2022 1st Quarter Draft Financials

MOTION: 2022-012

Moved by: I. Veitch

Seconded by: R. Stevens

RESOLVED THAT: Staff Report No. 01-22-SSEA regarding the 2022 First Quarter Draft Financials be received as information.

Carried;

8.2 Staff Report 02-22-SSEA – Status of 2021 Audit and 2021 Draft Financials

MOTION: 2022-013

Moved by: P. Raymond

Seconded by: P. Ritchie

RESOLVED THAT: Staff Report No. 02-22-SSEA regarding the 2021 Draft Financials and Audit be received as information.

Carried;

8.3 Staff Report 03-22-SSEA – Mileage Rate Policy

MOTION: 2022-014

Moved by: P. Raymond

Seconded by: I. Veitch

RESOLVED THAT: Staff Report No. 03-22-SSEA regarding SSEA's Mileage Rate Policy be received; AND

FURTHER THAT: the Board approve a rate of \$0.61/km up to 5,000 kilometres per staffer, and a rate of \$0.55/km above that amount – effective April 28, 2022; AND

FURTHER THAT: Staff be given the authority to follow CRA (Canada Revenue Agency) rates moving forward.

Carried;

8.4 Staff Report 04-22-SSEA- Insurance Update

MOTION: 2022-015

Moved by: P. Wiancko

Seconded by: P. Raymond

RESOLVED THAT: Staff Report No. 04-22-SSEA regarding the 2022 commercial insurance costs be received as information.

Carried;

Action Item: Executive Director to follow-up with Insurance Broker to see if SSEA receives any coverage from its municipal members.

8.5 Staff Report 05-22-SSEA – Draft 2023 SSEA Budget

MOTION: 2022-016

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: Staff Report No. 05-22-SSEA regarding the 2023 Draft Budget be received; AND

FURTHER THAT: The SSEA Board directs its Executive Committee to work with staff to formulate a draft Budget for the Board’s approval prior to distribution to its municipal partners.

Carried;

9. SSEA CORPORATE ADMINISTRATION UPDATES

9.1 Staff Report 06-22-SSEA – SSEA Grant Application Update

MOTION: 2022-017

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: Staff Report No. 06-22-SSEA regarding SSEA Grant Application Update, be received for information.

Carried;

9.2 Staff Report 07-22-SSEA – SSEA Invasive Species Program Update

MOTION: 2022-018

Moved by: P. Raymond

Seconded by: P. Wiancko

RESOLVED THAT: Staff Report No. 07-22-SSEA regarding SSEA Invasive Species Program Update, be received for information.

Carried;

9.3 Staff Report 08-22-SSEA – SSEA Community Tree Planting & Seedling Distribution Program Update

MOTION: 2022-019

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: Staff Report No. 08-22-SSEA regarding SSEA Community Tree Planting & Seedling Distribution Program Update, be received for information.

Carried;

9.4 Staff Report 09-22-SSEA – SSEA Depave Paradise Program Update

MOTION: 2022-020

Moved by: P. Raymond

Seconded by: I. Veitch

RESOLVED THAT: Staff Report No. 09-22-SSEA, regarding Depave Paradise Program Update, be received for information.

Carried;

9.5 Staff Report 10-22-SSEA – SSEA Healthy Soils = Healthy Watersheds Program Update

MOTION: 2022-021

Moved by: I. Veitch

Seconded by: P. Wiancko

RESOLVED THAT: Staff Report No. 10-22-SSEA, regarding SSEA Healthy Soils = Healthy Watersheds Program Update, be received for information.

Carried;

9.6 Staff Report 11-22-SSEA - SSEA Monitoring Program Update

MOTION: 2022-022

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: Staff Report No. 11-22-SSEA regarding Monitoring Program Update, be received for information.

Carried;

10. EXECUTIVE DIRECTOR UPDATE

10.1 Staff Report 12-22-SSEA – Executive Director Report

MOTION: 2022-023

Moved by: R. Stevens

Seconded by: P. Ritchie

RESOLVED THAT: The Executive Director Staff Report No. 12-22-SSEA, be received for information.

Carried;

11. ANNOUNCEMENTS

Councillor Wiancko said he would forward recent report from Georgian Bay Township re: funding for phragmites control to the SSEA Executive Director.

MOTION: 2022-024

Moved by: R. Stevens

Seconded by: P. Ritchie

RESOLVED THAT: The SSEA Joint Municipal Service Board receives the update from Councillor Paul Wiancko regarding funding for Georgian Bay Township, as information.

Carried;

12. CORRESPONDENCE

MOTION: 2022-025

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: The SSEA Joint Municipal Service Board receives the attached correspondence as information.

Carried;

13. CLOSED SESSION
(conducted earlier in meeting)

14. OTHER BUSINESS

The Executive Director reminded the SSEA Board about upcoming events and the new Climate Change video. The Board asked for a link to the video.

15. ADJOURN

MOTION: 2022-029

Moved by: P. Raymond

Seconded by: no seconder required

RESOLVED THAT: this meeting of the SSEA Board of Directors held on April 28, 2022 adjourn at 11:44am to meet again on July 28, 2022 or at the call of the Chair.

Carried.

Chair, Steffen Walma

Executive Director, Julie Cayley

Approved this _____ day of _____, 2022.



Lake Simcoe
Region
Conservation
Authority



South Georgian Bay Lake Simcoe Source Protection Region

**SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 01-22-SS SPA**

**Thursday April 28th, 2022 9:37 a.m. to 9:59 a.m.
Via video & telephone conference**

Draft Minutes

Present via zoom video:

SSEA Chair, Deputy Mayor Steffen Walma	Township of Tiny
SSEA Vice Chair, Councillor Paul Wiancko	Township of Georgian Bay
SSEA Past Chair, Councillor Ron Stevens	Township of Severn
Deputy Mayor Anita Dubeau	Town of Penetanguishene
Councillor Paul Raymond	Township of Tay
Councillor Ian Veitch	Township of Oro-Medonte

Staff present via zoom video:

Julie Cayley	Executive Director
Tamara Brincat	Invasive Species Program Coordinator
Melissa Carruthers	Risk Mgmt. Official/Risk Mgmt. Inspector
Aisha Chiandet	Water Scientist
Emily Edgley	Citizen Science & Water Quality Coordinator
Cliff Evanitski	Office Manager
Michelle Hudolin	Wetlands & Habitat Biologist
Judy Limoges	Treasurer
Paula Madill	Ecosystem Technologist
Lex McPhail	IT Manager/GIS Applications Specialist
Nikki Priestman	Watershed Health Coordinator
Nicole Stott	Drinking Water Source Protection Assistant

Guests:

Lynn Dollin	Chair, South Georgian Bay Lake Simcoe Source Protection Committee
Bill Thompson	Project Manager, South Georgian Bay Lake Simcoe Source Protection Region

Not present via zoom video:

Councillor Carole McGinn	Town of Midland
Councillor Perry Ritchie	Township of Springwater

1. WELCOME AND CALL TO ORDER

SSSPA Chair Walma called the meeting to order at 9:37 a.m.

2. ADOPTION OF AGENDA

MOTION: 2022-001-SSSPA

Moved by: P. Wiancko Seconded by: I. Veitch

RESOLVED THAT: the SSSPA approves the Meeting Agenda dated April 28, 2022.

Carried;

3. DECLARATION OF PECUNIARY INTEREST

None declared.

4. APPROVAL OF PAST MINUTES

4.1 Minutes of the 02-21-SS SPA meeting held July 26th, 2021 were previously approved at October 25th, 2021 SSEA meeting.

5. SOURCE PROTECTION COMMITTEE UPDATE

SSSPA Chair Walma called on Lynn Dollin, to make her presentation. Chair Dollin acknowledged the great work being done by the Severn Sound Environmental Association and its staff in protecting local water sources.

5.1 Staff Report No. 01-22-SPA from Lynn Dollin, Chair of the South Georgian Bay-Lake Simcoe Source Protection Committee

MOTION: 2022-002-SSSPA

Moved by: R. Stevens Seconded by: P. Raymond

RESOLVED THAT: Staff Report No. 01-22-SSSPA regarding the Source Protection Committee update from Chair Lynn Dollin be received as information.

Carried;

6. 2021 REGIONAL ANNUAL REPORTING

6.1 Staff Report No. 02-22-SPA Re: Regional Overview

MOTION: 2022-003-SSSPA

Moved by: R. Stevens Seconded by: P. Raymond

RESOLVED THAT: Staff Report No. 02-22-SPA by the SSEA Risk Management Official/Risk Management Inspector regarding an overview of regional Source Protection Plan annual reporting implementation status, be received as information.

Carried;

7. RISK MANAGEMENT OFFICIAL/RISK MANAGEMENT INSPECTOR UPDATE

7.1 Staff Report No. 03-22-SPA from the Risk Management Official/Risk Management Inspector regarding the Severn Sound Source Protection Authority (SS PA) Drinking Water Source Protection Update and SSEA Risk Management Services Update.

MOTION: 2022-004-SSSPA

Moved by: A. Dubeau Seconded by: P. Raymond

RESOLVED THAT: Staff Report No. 03-22-SPA by the SSEA Risk Management Official/Risk Management Inspector regarding the Severn Sound Source Protection Authority's Drinking Water Source Protection and SSEA Risk Management Services updates, be received as information.

Carried;

8. SOURCE PROTECTION PLAN AMENDMENT UPDATE

8.1 Staff Report No. 04-22-SPA Re: SPA Amendment update.

MOTION: 2022-005-SSSPA

Moved by: R. Stevens Seconded by: I. Veitch

RESOLVED THAT: Staff Report No. 04-22-SPA by the SSEA Risk Management Official/Risk Management Inspector regarding the status of various Source Protection Plan amendments, be received as information.

Carried;

9. OTHER BUSINESS

None identified.

10. ADJOURN

MOTION: 2022-006-SSSPA

Moved by: R. Stevens Seconded by: (none required)

RESOLVED THAT: this meeting of the Severn Sound Source Protection Authority held on April 28th, 2022 adjourn at 9:59 a.m. to meet again at the call of the Chair.

Carried;

Chair, Steffen Walma

Executive Director, Julie Cayley

Approved this _____ day of _____, 2022



**SEVERN SOUND ENVIRONMENTAL ASSOCIATION
JOINT MUNICIPAL SERVICE BOARD (JMSB)
EXECUTIVE COMMITTEE (via video conference)
June 13th, 2022 10:00 a.m.**

Present via zoom video:

SSEA Chair, Deputy Mayor Steffen Walma
SSEA Vice Chair, Councillor Paul Wiancko
SSEA Past Chair, Councillor Ron Stevens

Township of Tiny
Township of Georgian Bay
Township of Severn

Regrets: None

Staff present via zoom video:

Julie Cayley
Judy Limoges
Cliff Evanitski

Executive Director
Treasurer
Office Manager

1. WELCOME AND CALL TO ORDER

The meeting was called to order at 10:00 am.

2. ADOPT AGENDA

MOTION: 2022-01-EC

Moved by: P. Wiancko

Seconded by: R. Stevens

RESOLVED THAT: the Executive Committee of the SSEA Joint Municipal Service Board approves the Meeting Agenda dated June 13th, 2022.

Carried;

3. DECLARATION OF PECUNIARY INTEREST:

None declared.

4. APPROVAL OF PAST EXECUTIVE COMMITTEE MINUTES

None.

5. PRESENTATIONS

Chair called on Judy Limoges, SSEA Treasurer, to present 2023 Draft SSEA Budget.
Discussion followed.

MOTION: 2022-02-EC

Moved by: R. Stevens

Seconded by: P. Wiancko

RESOLVED THAT: Staff Report No. 13-22-SSEA regarding the 2023 Draft Budget be received; and

FURTHER THAT: The Executive Committee recommends approval to the Board, an overall 2023 increase of over the 2022 final budget for the municipal contributions portion of the Core 2023 budget of 4.1% (\$36,300); and

FURTHER THAT: The Executive Committee recommends that the Board approves the use of reserves to fund payroll increases resulting from the current Pay Equity and Compensation Review in order to reduce the impact on municipal partners.

Carried Unanimously

6. SSEA CORPORATE ADMINISTRATION UPDATES

The Chair called upon SSEA staff to speak to current office lease in Port McNicoll.

MOTION: 2022-03-EC

Moved by: R. Stevens

Seconded by: P. Wiancko

RESOLVED THAT: Staff Report No. 14-22-SSEA regarding the SSEA Office Lease be received; and

FURTHER THAT: The Executive Committee supports the SSEA Executive Director’s decision to move forward with exercising the first 5-year renewal option as per the lease agreement signed with Newmarket Hydro on May 28th, 2018.

Carried Unanimously

7. OTHER BUSINESS

Executive members asked staff to check when past SSEA Budgets have been approved by the Board.

8. ADJOURN

MOTION: 2022-04-EC

Moved by: R. Stevens

Seconded by: no seconder required

RESOLVED THAT: the special meeting of the SSEA Executive Committee held on June 13th, 2022 adjourn at 10:36am to meet again at the call of the Chair.

Carried Unanimously

Steffen Walma, Chair

Julie Cayley, Executive Director

Approved this _____ day of _____, 2022



Severn Sound Environmental Association 2022 2nd Quarter (Apr. 1 - Jun. 30) Report/Update

Staffing/HR

Administration, Staffing, Training and Volunteers

Administration

One SSEA Board meeting (2022 1st Quarter), one Severn Sound Source Protection Authority meeting, one SSEA Agricultural Advisory Committee meeting, and one Executive Committee meeting (2023 budget) were held. Under the Boards direction the SSEA has engaged an outside consultant and is undergoing a pay equity and compensation review.

Staffing

Remote work and successful grant applications enabled SSEA to provide several contract staff opportunities. THANK YOU to Canada Summer Jobs (CSJ) for supporting contract staff members Cameron Epp (Invasive Species Technician), and Manjot Takhar (Pollinator Program Assistant). Special thanks to Ontario Federation of Anglers and Hunters for providing one of their CSJ contracts to SSEA for Walker Hunter (Invasive Species Technician). Welcomed Bob Bowles as Turtle Monitoring Project Assistant (P/T contract). Advertised for 4 seasonal staff positions.

THANK YOU to outgoing staff: Shannon Mawhinney - Watershed Resilience Coordinator

Training/Professional Development

SSEA staff attended 17 no-cost webinars on a range of SSEA program related topics. Included was Risk Management Official Training and a virtual turtle and snake training session provided by Scales Nature Park as part of their Saving Turtles At Risk Today (START) Project.

Volunteers - THANK YOU

THANK YOU to all 24 Citizen Science volunteers who are participating in our Shore Watch, Stream Watch and Water Level Watchers programs this year!



SSEA staff Cameron & Walker on Orr Lake



Manjot, Tamara, Walker & Cam monitoring for zebra mussels on Orr Lake

Education, Engagement, Outreach

Presentations, Articles, Social Media, Events, Inquiries

Most presentations, meetings, videos etc. have been recorded and posted to the [SSEA YouTube channel](#).

Virtual Presentations

Presentations to the SSEA Board on various program updates. Delivered presentations at 2 additional events and council meetings during Q2.

Articles/Publications/News

SSEA was noted as a tree planting partner in an article on the [County of Simcoe's 100 year celebration of Simcoe County Forests](#). Staff was interviewed by the Midland Mirror and CFRH Radio for an [article](#) and [interview](#) on water quality in Severn Sound. SSEA was noted in an [article](#) on warming of the Great Lakes.

Social Media

A total of 219 posts were made on SSEA Instagram, Facebook and Twitter accounts on a variety of topics and SSEA programs this quarter to audiences of 535, 391, and 427 followers respectively. A total of 3 new videos related to SSEA programs, results, or recording of webinars and meetings were posted on the SSEA YouTube channel with a total of 316 views and 42 subscribers. SSEA participated in Earth Week and National Pollinator Awareness Week campaigns by posting across all social media.

Events/Meetings/Conferences

SSEA co-hosted the *Communities in Watershed Action* Mini-Summit with Ausable Bayfield Conservation Authority, drawing approx. 90 attendees from across the watershed and beyond. The event included guest speakers, displays from SSEA and partner agencies, and networking opportunities. Two staff members attended and presented research at the Joint Aquatic Sciences Meeting on invasive species, and physical limnology in Severn Sound. Team SSEA participated in 12 additional municipal and external partner meetings and events throughout the quarter.



Attendees at the Communities in Watershed Action Mini-Summit



Mayor Burkett (Severn), Councillor Veitch (Oro Medonte) Mayor Walker (Tay), SSEA ED Julie Cayley, Mayor Cornell (Tiny) at Communities in Watershed Action event

Inquiry Responses (excluding SSS and source water)

SSEA responded to 48 inquiries from municipal partners, members of the public, and contractors.

Tree Planting

Planting and Distribution

Community Tree Planting: SSEA coordinated planting of 1,455 seedlings of nine species at two sites (in Oro-Medonte and Tiny) in April/May by several Scouts Canada groups, SSEA staff and Board members, volunteers and landowners. Seedling costs (\$1,705) are covered through a MOU with the County of Simcoe Forestry department.

Tree Seedling Distribution: 8,740 seedlings were planted by 228 participants across all eight SSEA municipalities. THANK YOU to municipal staff and councils that promoted and supported the program.



SSEA 2022 Staff & Volunteer Tree Plant (Oro-Medonte)

Fish and Wildlife Habitat/Natural Heritage

Invasive Species, Species at Risk, Wetlands, Wildlife and Habitat Stewardship

Invasive Species

2021 Municipal Invasive Species Reports were distributed to each member municipality. Participated in and/or hosted 6 invasive species management events. Installed artificial substrates in Orr Lake to detect the presence of invasive mussels. Submitted Phragmites DNA samples to the Invasive Species Center for identification. Completed aquatic plant surveys in Sturgeon Bay with transport provided by Georgian Bay Forever. Completed Giant Hogweed monitoring on the Uthhoff Trail with the Township of Severn. Continue to deliver technical and field monitoring support on the Wye Marsh Invasive Species Management and technical support on the Farlain Lake Eurasian Water-milfoil Management projects.



Garlic Mustard Removal in Copeland Forest

Species At Risk

Initiated 2022 field work for Matchedash Bay Turtle Monitoring Project, as part of a partnership with Georgian Bay Forever. THANK YOU to Township of Severn and County of Simcoe for installing turtle crossing signs in the project area.



Turtle Crossing Sign, Matchedash Bay (Severn)

Land Use Planning

Input and Review

Plan and Policy Input

SSEA contributed comments on 22 applications, reports, and Environmental Impact Studies, an increase of 22% compared to the number of projects reviewed in Q2 of 2021. Staff also provided comments on the Township of Oro-Medonte draft Official Plan.

Drinking Water Source Protection

Source Protection Authority and Risk Management Services

Source Protection Authority Services

Staff attended 7 regional or provincial meetings on various topics such as communications, assessment report update requirements, Source Protection Committee meetings, and risk management topics specific to the Drinking Water Source Protection Program. Staff continues to support municipalities in meeting their requirements with potential changes to various water systems in the municipalities of Oro-Medonte, Tiny, and Midland. Completed an update to impervious surface mapping around municipal drinking water systems to support potential policy changes around salt and snow storage.

Risk Management Services

This quarter, staff commented on 12 development applications, answered 10 inquiries, and attended 1 pre-consultation meeting.

Monitoring Programs

Field/data collection: Open Water, Inland Lakes, Intakes, PWQMN/Tributaries, Stream Invertebrates, Stream Temperature, PGMN, Climate, and Citizen Science

Lake Sampling (Open Water, Inland Lakes, Intakes)

A total of 6 Tay intake sampling events have taken place, 3 sampling events on Severn Sound open waters, including an additional run on North Bay, and 5 inland lake sampling events each on Farlain and Little Lakes. A big THANK YOU to Georgian Bay Forever for taking the crew out for the first run of the season. Sampling included collecting water chemistry and field data such as pH, turbidity, conductivity, and temperature. Water quality results are used to assess lake conditions and guide management decisions.

Tributaries (Provincial Water Quality Monitoring Network (PWQMN), Stream Invertebrates, Temperature)

The monitoring team completed 3 PWQMN sampling runs at 14 sites throughout the watershed, collecting chemistry



Open Water run with GBF

and corresponding field data such as temperature, dissolved oxygen, conductivity and turbidity. Identified 2,606 stream invertebrates in samples from 8 long-term stations in the Coldwater River, Lafontaine Creek and Hogg Creek watersheds to assess tributary health.

Groundwater (Provincial Ground Monitoring Network)

Downloaded level and baro loggers (hourly data) and completed spring maintenance checks at 8 well locations. The data is used to monitor long-term trends and assess if climate change is impacting groundwater.

Climate

Four rain gauges and one air temperature logger have been installed in the Town of Penetanguishene, and townships of Oro-Medonte, Tay and Tiny. Staff has begun installing temperature loggers at stream sites throughout the watershed to monitor in-stream temperature during the summer months. An intensive stream temperature study has also begun that will focus on areas in the Coldwater River subwatershed. This study will help to update drainage mapping, determine thermal classification of all stream reaches, and help to better understand where to focus future monitoring and restoration efforts.

The Midland and Lafontaine weather stations were checked and data was downloaded monthly. Near real-time data can be viewed on the [SSEA website](#).

Citizen Science (Shore Watch, Stream Watch, Ice Spotters, Invasive Species Spotters, Water Level Watch)

The [2021 Citizen Science Data Report](#) is complete and can be found online.

Stream Watch and Shore Watch programs are up and running for the 2022 season. We have 22 volunteers monitoring 20 sites. All Citizen Science equipment kits have been delivered to volunteers, who are now submitting data. This includes volunteers participating in the Invasive Species Spotters program monitoring for aquatic invasive species.

Observations for the Water Level Watch program on Farlain Lake are being submitted. So far in 2022 we have received 27 observations from 2 volunteers on Farlain Lake.



Citizen Science monitoring kits ready for pick up

Sustainable Severn Sound Special Project

Climate Change Action Plans, Partners for Climate Change Protection (PCP) Program

Worked with a local video producer to create a video on [Climate Change in our Backyards](#).

Partners for Climate Protection

SSEA continues to support our municipal members of the PCP program, facilitating actions under municipal climate action plans where possible.

Bee City Initiative & Projects for Pollinators

SSEA staff continues to support Severn Sound watershed Bee City members (Midland, Tiny, Severn, Georgian Bay). We are continuing to work with the Town of Midland on their No-Mow Zone Project. Staff also provided content for their Bee City [webpage](#). To celebrate National Pollinator Week, SSEA participated in the Midland Bee City Mural reveal. SSEA and Midland staff have been planning the restoration of an additional site at Little Lake Park. The site will undergo invasive species management and replacement with native species.



Midland's Bee City mural

Staff delivered 2 Earth Week webinars to Township of Tiny residents on Bee Cities and Pollinators and participated in the Bee City Plaque reveal (press release: [Township of Tiny Unveils Bee City Plaque](#)).

Received a grant from TD Friends of Environment Foundation for SSEA's Projects for Pollinators initiative. Staff has been working on producing a pollinator garden kit with seed packs, no-mow lawn flags and a pollinator garden handbook and species guide. Created a recommended native species list. Pollinator-attracting native plants will be planted in partnership with Bee City members, coinciding with invasive species management efforts. Handed out seed packs at events across the watershed. Ran a social media campaign for Pollinator Awareness Week, and created a section on SSEA's website on [Pollinators](#).

Depave Paradise Program

Worked with the Township of Georgian Bay to complete their Depave Project. Volunteers removed ~100m² of asphalt and planted ~100m² of pollinator gardens. Plantings included 33 species of native trees, shrubs, grasses and wildflowers with a total of 346 plants. A total of 38 volunteers participated, including 16 grade 4-8 students from Honey Harbour Public School.



Native pollinator planted at Honey Harbour Depave site

Attended numerous planning meetings with municipal and external stakeholders including:

- Regional Climate Change Exchange meeting
- ICECAP Climate Adaptation workshop
- Regional Depave Coordinator meeting
- Midland Bee City meeting

Data Analysis and Reporting

Statistics, Data Management & Analysis, Reporting, and GIS/Mapping

Statistics/Data Management & Analysis

Routine, year-round data management consisting of PWQMN, Georgian Bay water levels and regional climate data, and open water/inland lake water chemistry, zooplankton and algae data processing continues as normal. Additional analyses were completed for open water temperature profiles, relating water level fluctuation to explain patterns in temperature and algae growth.

Reporting and Educational Content

SSEA completed 5 conditions updates for both Farlain and Little Lakes, which can be viewed [online](#). Posters detailing results for PWQMN, PGMN, Climate Monitoring, Stream Temperature Monitoring, Open Water and Inland Lake Monitoring were updated for the mini-summit.

Partnerships

New/Updated NGO partners and MOU's, Academia

SSEA is always working with new municipal and NGO/external partners to deliver effective environmental stewardship, including membership with GBB's ICECAP and the SMDHU's Climate Change Exchange Committee and Climate Change Charter Working Group. Investigated the Simcoe Loop Trail to identify educational signage sites in partnership with the County of Simcoe.

The ED continues to be a Director on the Huronia Community Foundation Board and the associated Vital Signs report working group as well as the Healthy Great Lakes Advisory Committee & Water Team (CELA lead).

Team SSEA hosted a virtual "meet and greet" with the staff in Barrie Ministry of Environment, Conservation and Parks (MECP) and the Ontario Clean Water Agency staff working in Tay.

Academia

Datasets provided under various data use agreements with:

- McMaster University – Georgian Bay water quality (provided Midland rain gauge data)

Financial

Grants, Budget, Invoicing

Grants

Multiple grants have been secured or applied to by SSEA in Q2 enhance services including:

- Canada Summer Jobs: \$12,600, hire five 8-week seasonal contracts (successful)
- Huronia Community Foundation Smart and Caring Grant: \$1,000, expand Invasive Species Spotters Program (successful)
- Lake Huron Community Action Initiative: \$15,500, Delisting anniversary reporting and open water algae/zooplankton sample analysis (successful)

- Worked with Township of Tiny on WEGE Award Application: \$7,500, enhance Citizen Science programs (pending approval)
- COA: \$75,000, Delisting anniversary reporting (pending approval)
- Intact Foundation: \$100,000, Natural Assets Inventory, Assessment and Valuation for the Town of Midland (unsuccessful)
- Huronia Community Foundation Smart and Caring Grant: \$2,000, equipment purchase to support water quality monitoring (unsuccessful)
- 2022-2024 DWSP agreement was signed
- Submitted grant reports for 2021/22 TD FEF Citizen Science and HCF Temperature Monitoring projects

Budget

The 2023 draft budget was developed and presented to the Board’s Executive Committee and will be presented to the Board at the 2nd Quarter meeting. SSEA Staff worked with regional Source Water protection staff successfully negotiating a funding agreement with the Province (MECP).

Invoicing

In Q2, SSEA issued 1 to LSRCA for DWSP, 1 to ABCA, 17 cost recovery invoices (land use planning reviews), 1 to Georgian Bay Forever and a credit note to Township of Tay (re: use of reserve)

Thank you from Team SSEA

- | | |
|--|--|
| <ul style="list-style-type: none"> ● Julie Cayley - Executive Director ● Lex McPhail - IT Manager/GIS Applications Specialist ● Paula Madill - Ecosystem Technologist ● Michelle Hudolin - Wetlands & Habitat Biologist ● Aisha Chiandet - Water Scientist ● Melissa Carruthers - Risk Mgmt. Official./Risk Mgmt. Inspector ● Judy Limoges -Treasurer (p/t) ● Nikki Priestman - Watershed Health Coordinator ● Tamara Brincat - Invasive Species Program Coordinator ● Cliff Evanitski – Office Manager ● Cameron Epp - Invasive Species Technician ● Emily Edgley - Citizen Science & Water Quality Coordinator | <ul style="list-style-type: none"> ● Nicole Stott - Drinking Water Source Protection Assistant ● Walker Hunter - Invasive Species Technician (employed by Ontario Federation of Anglers and Hunters) ● Manjot Takhar - Pollinator Program Assistant ● Bob Bowles - Turtle Monitoring Project Assistant (p/t) |
|--|--|





**Severn Sound Environmental Association
Joint Municipal Service Board Meeting
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 15-22-SSEA
Date: July 11th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Judy Limoges, Treasurer

SUBJECT: 2021 Draft Financials and Audit

Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 15-22-SSEA regarding the 2021 Draft Financials and Audit be received as information.

Purpose of Staff Report

The purpose of this report is to provide the Board with up-to-date 2021 draft financials. Further to our relationship with our Treasurer municipality, as year-end information is processed, the 2021 financials are updated accordingly and presented to the Board leading up to the annual audit.

Background and Analysis

Please be advised that the 2021 Draft Financial Report reflects that SSEA is in a net revenue position as expected. This is mainly due to a reduced amount of core spending; core expenses are at 85% of budget. Payroll expenses are under budget due to unfilled staff vacancies. SSEA also has savings in travel, legal costs, supplies/materials and training.

Core project and cost recovery revenues are underbudget, and are mostly offset by external funding for staff that was not included in the 2021 budget: Canada Summer Jobs, Biotalent Canada, ECO Canada and Community Development Corporation (CDC).

In terms of Projects, note that as previously indicated, the funding for the SSS Project in 2021 is short \$6,266 due to only six confirmed municipal partners where the budget included seven. This shortfall is more than offset by the 2021 surplus so no further action is required.

In addition, the DWSP Program reflects zero as was the case throughout 2021. This is due to the provincial funding agreement being signed after the 2021 budget was set. At the special meeting of the Board held on February 4, 2022, it was decided that the municipal DWSP funding

for 2021 would be transferred to the SSEA reserve. This is reflected in the attached 2021 draft financials.

SSEA also received additional funding in 2021 that was not included in the 2021 budget: Farlain Lake and Wye Marsh projects, Great Lakes Local Action provincial funding (Healthy Soils=Healthy Watershed Project), Citizen Science Project, Matchedash Bay Turtle Project (Species at Risk) and Depave Paradise Project.

Other adjustments may be determined by the audit firm during the annual financial audit.

Conclusion

The SSEA team was extremely diligent, spending frugally and securing external revenue sources. SSEA will finalize 2021 in a surplus position.

As of July 12th, SSEA has no information on the timing of the 2021 financial audit.

Submitted by:
Original signed by

Approved for Submission by:
Original signed by

Judy Limoges, Treasurer SSEA

Julie Cayley, Executive Director

Attachment: 2021 SSEA DRAFT Financials

	2021		2020		Actual
	YTD Actual	Annual Budget	Variance \$	Actual/Budget %	
SSEA CORE OPERATIONS					
GENERAL REVENUE	(980,635)	(958,557)	22,078	102.0%	(713,660)
UNDISTRIBUTED PAYROLL EXPENSE	222,813	370,832	148,019	60.0%	198,903
ADMINISTRATION/OVERHEAD	179,527	163,080	(16,447)	110.0%	198,337
GIS BASE COVERAGES	96,965	90,412	(6,553)	107.0%	80,835
REQUESTS & REVIEWS	12,190	34,454	22,264	35.0%	8,258
MONITORING & SURVEILLANCE	109,994	111,355	1,361	99.0%	93,784
MONITORING SUPPORT	22,978	22,440	(538)	102.0%	8,955
WATER SCIENTIST	60,525	62,523	1,998	97.0%	59,326
INVASIVE SPECIES	70,282	56,181	(14,101)	125.0%	45,417
SOURCE WATER IMPLEMENTATION	(35)	47,280	47,315	(0.0%)	(1,000)
PSAB ADJUSTMENTS	0	0	0	0.0%	28,393
TOTAL SSEA CORE OPERATIONS	(205,396)	0	205,396	0.0%	7,548
SSEA IMPLEMENTATION PROJECTS					
GROUND WATER PROJECT					
Revenues	0	(2,550)	(2,550)	0.0%	0
Expenses	0	2,550	2,550	0.0%	0
FARLAIN LAKE PROJECT					
Revenues	(3,450)	0	3,450	0.0%	(8,472)
Expenses	3,450	0	(3,450)	0.0%	5,008
HONEY HARBOUR SURVEY					
Revenues	(10,129)	(15,240)	(5,111)	66.0%	(9,507)
Expenses	10,129	15,240	5,111	66.0%	9,507
WYE MARSH PROJECT					
Revenues	(13,772)	0	13,772	0.0%	(6,254)
Expenses	5,784	0	(5,784)	0.0%	2,062
INLAND LAKES					
Revenues	(12,845)	(16,328)	(3,483)	79.0%	(12,679)
Expenses	16,970	16,328	(642)	104.0%	12,679
TREE DISTRIBUTION PROJECT					
Revenues	(25,158)	(20,154)	5,004	125.0%	65
Expenses	25,158	20,154	(5,004)	125.0%	7,512
RMO PROJECT					
Revenues	(57,886)	(68,708)	(10,822)	84.0%	(74,587)
Expenses	57,886	68,708	10,822	84.0%	60,964
VICTORIA HARBOUR WTP SURVEY					
Revenues	(5,740)	(8,323)	(2,583)	69.0%	(4,274)
Expenses	5,740	8,323	2,583	69.0%	4,274
CITIZEN SCIENTIST					
Revenues	(16,923)	0	16,923	0.0%	(15,669)
Expenses	26,653	0	(26,653)	0.0%	19,461
SUSTAINABLE SEVERN SOUND					
Revenues	(82,663)	(78,085)	4,578	106.0%	(27,648)
Expenses	88,929	78,085	(10,844)	114.0%	33,865
HEALTHY SOILS = HEALTHY WATERSHED PROJECT					
Revenues	(40,485)	0	40,485	0.0%	0
Expenses	40,485	0	(40,485)	0.0%	0
SPECIES AT RISK					
Revenues	(9,104)	0	9,104	0.0%	0
Expenses	9,104	0	(9,104)	0.0%	0
DEPAVE PARADISE					
Revenues	(1,621)	0	1,621	0.0%	0
Expenses	1,621	0	(1,621)	0.0%	0
TOTAL SSEA IMPLMENTATION PROJECTS	12,133	0	(12,133)	0.0%	(3,693)
TOTAL SSEA OPERATING (SURPLUS)/DEFICIT	(193,263)	0	193,263	0.0%	3,855



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 16-22-SSEA
Date: July 6th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Judy Limoges, Treasurer

SUBJECT: 2022 2nd Quarter Draft Financials

Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 16-22-SSEA regarding the 2022 2nd Quarter Draft Financials be received as information.

Purpose of Staff Report

The purpose of this report is to provide the Board with the 2022 2nd Quarter Draft Financials.

Background

Please be advised that the 2022 Report reflects that finances are trending favourably for the second quarter. SSEA is currently in a net revenue position mainly due to invoicing municipal partners for 2022 Core services, RMO services and SSS during the first quarter. Spending is in line as expected.

The SSEA team continues to monitor revenues and expenses in line with the 2022 Budget.

Submitted by:
Original signed by

Approved for Submission by:
Original signed by

Judy Limoges, Treasurer

Julie Cayley, Executive Director

Attachment: SSEA Draft Financial Report ending June 30th, 2022

SEVERN SOUND ENVIRONMENTAL ASSOCIATION (SSEA)
DRAFT FINANCIAL REPORT
For the Six Months Ending June 30, 2022

	2022		2021		Actual
	YTD Actual	Annual Budget	Variance \$	Actual/Budget %	
SSEA CORE OPERATIONS					
GENERAL REVENUE	(937,781)	(1,055,726)	(117,945)	89.%	(917,710)
UNDISTRIBUTED PAYROLL EXPENSE	115,935	412,341	296,406	28.%	86,568
ADMINISTRATION/OVERHEAD	64,952	216,238	151,286	30.%	38,479
GIS BASE COVERAGES	39,850	92,220	52,370	43.%	46,880
REQUESTS & REVIEWS	6,176	35,143	28,967	18.%	6,468
MONITORING & SURVEILLANCE	50,238	107,398	57,160	47.%	52,160
MONITORING SUPPORT	4,473	22,889	18,416	20.%	4,013
WATER SCIENTIST	32,745	63,773	31,028	51.%	29,135
INVASIVE SPECIES	40,689	57,305	16,616	71.%	16,414
SOURCE WATER IMPLEMENTATION	(3,369)	48,419	51,788	(7.%)	0
TOTAL SSEA CORE OPERATIONS	(586,092)	0	586,092	0.%	(637,593)
<u>SSEA IMPLEMENTATION PROJECTS</u>					
GROUND WATER PROJECT					
Revenues	0	(2,601)	(2,601)	0.%	0
Expenses	0	2,601	2,601	0.%	0
FARLAIN LAKE PROJECT					
Revenues	(950)	(8,517)	(7,567)	11.%	0
Expenses	773	8,517	7,744	9.%	1,131
HONEY HARBOUR SURVEY					
Revenues	(10,953)	(6,195)	4,758	177.%	0
Expenses	892	6,195	5,303	14.%	1,494
WYE MARSH PROJECT					
Revenues	(2,257)	(22,140)	(19,883)	10.%	(626)
Expenses	567	22,140	21,573	3.%	931
INLAND LAKES					
Revenues	(6,488)	(14,193)	(7,705)	46.%	0
Expenses	7,823	14,193	6,370	55.%	4,996
TREE DISTRIBUTION PROJECT					
Revenues	(29,396)	(21,307)	8,089	138.%	(29,789)
Expenses	24,728	21,307	(3,421)	116.%	23,698
RMO PROJECT					
Revenues	(58,013)	(46,434)	11,579	125.%	(69,114)
Expenses	34,978	46,434	11,456	75.%	30,847
VICTORIA HARBOUR WTP SURVEY					
Revenues	(502)	(8,862)	(8,360)	6.%	0
Expenses	633	8,862	8,229	7.%	0
CITIZEN SCIENTIST					
Revenues	(7,965)	0	7,965	0.%	(13,000)
Expenses	16,590	0	(16,590)	0.%	10,599
SUSTAINABLE SEVERN SOUND					
Revenues	(86,096)	(68,871)	17,225	117.%	(53,868)
Expenses	16,756	68,871	52,115	24.%	30,640
POLLINATOR PROJECT					
Revenues	(8,000)	0	8,000	0.%	0
Expenses	502	0	(502)	0.%	0
HEALTHY SOILS = HEALTHY WATERSHED PROJECT					
Revenues	(13,200)	(11,925)	1,275	111.%	(30,000)
Expenses	22,445	11,925	(10,520)	188.%	7,872
SPECIES AT RISK					
Revenues	(13,606)	(13,680)	(74)	99.%	0
Expenses	2,751	13,680	10,929	20.%	2,625
DEPAVE PARADISE					
Revenues	(8,415)	0	8,415	0.%	0
Expenses	5,764	0	(5,764)	0.%	0
TOTAL SSEA IMPLEMENTATION PROJECTS	(110,639)	0	110,639	0.%	(81,564)
TOTAL SSEA OPERATING (SURPLUS)/DEFICIT	(696,731)	0	696,731	0.%	(719,157)

NOTE: The financial report received from the Township of Tay has been adjusted for several items to reflect a more accurate DRAFT report. Judy Limoges, SSEA Treasurer.



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 17-22-SSEA
Date: July 6th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Judy Limoges, Treasurer

SUBJECT: 2023 Draft Budget

Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 17-22-SSEA regarding the 2023 Draft Budget be received; and

FURTHER THAT: The Board approves the Executive Committee's recommendation to approve an overall 2023 increase of \$36,300 over the 2022 Final Budget for the municipal contributions portion of the Core 2023 Budget; and

FURTHER THAT: The Board approves the Executive Committee's recommendation to approve the use of reserves to fund payroll increases resulting from the current Pay Equity and Compensation Review in order to reduce the impact on municipal partners.

Purpose of Staff Report

The purpose of this report is to obtain Board approval for the Draft 2023 Budget as recommended by the Executive Committee of the Board which reflects the policy and service direction set out in SSEA's Strategic Plan, while meeting the support requirements of its municipal partners – recognizing the fiscal challenges posed by the COVID pandemic and current economic conditions to all agencies. As well, SSEA is seeking Board approval for the use of reserves to fund potential payroll increases resulting from the Pay Equity and Compensation Review for staff which is currently underway.

Background and Analysis

On July 18th, 2019, the SSEA Board of Directors approved both the 2020 Budget, and in principle the proposed five-year plan for 2020 to 2024.

The 2023 Budget approved in principle (in the original 5-year budget planning process) reflected a 2% increase. However, in 2022 the Board approved a 2022 Budget reduction of 2.1% from the 2022 approved in principle. The result of carrying over the 2.1% reduction into 2023 is that

the 2023 Budget *approved in principle* now reflects an increase of 4.1% in municipal core funding of \$36,300. Note, this is below current inflation rate for Ontario which is at 7.8% from May 2021 to May 2022 (Stats Can.).

In addition, SSEA now has a signed 2-year agreement for Provincial funding for Source Water until March 31st, 2024. This has provided some budget room which Staff recommends be added to the payroll section of the budget in order to continue to meet service expectations of municipal partners, and to address the issue of attracting and retaining expert staff, given the increasing workloads and extremely competitive job market. This will also allow the required flexibility to enable SSEA to participate in funding opportunities as they arise.

In terms of the current *Pay Equity and Compensation Review*, it is recommended that SSEA uses reserves to fund any increases that will result from this review in order to reduce the impact on municipal partners. The consultant has advised that this could be 5% to 10% increase on current wages which could result in additional costs to SSEA of \$50,000 to \$100,000. The Contingency Reserve and the Employee Benefits Reserve currently contain \$182,000 that are available for the purpose of reducing the impact of the increase. This review and potential costs will be completed later in the summer of 2022 (likely August or September) and will require a special meeting of the Board prior to the 3rd Quarter meeting.

Recognizing the budget constraints that all are facing, the SSEA provided various 2023 budget options for the Executive Committee's consideration at its June 13th meeting. 2023 will be a significant year for SSEA including the 20th Anniversary of SSEA Celebrations, strategic plan renewal, potential impact of the *Pay Equity and Compensation Review*, as well as, adapting to increasing inflation.

Conclusion

The approach to formulating the 2023 Budget is designed to ensure SSEA continues to provide the key services required by its municipal partners and watershed constituents, while meeting its own organizational requirements – with the goal of getting SSEA back into alignment with its Five-Year Plan, as well as, being compliant with the Pay Equity Act.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Judy Limoges, Treasurer

Julie Cayley, Executive Director

Attachment: 2020-2024 Draft Municipal Revenue Shares
2023 Draft Budget Summary
2023 Draft Budget Highlights
2023 Draft Budget Reserve Schedule

Severn Sound Environmental Association
Municipal Sharing of SSEA Agreement for Core Operations
Municipal Revenue Shares Calculated for 2020-2024

Municipality	Properties	Assessment	% Cost Share	2020	2021	2022	4.1%	4.1%	2023 vs 2022	2024
	in W'shed	in W'shed	(8 Municipalities)	APPROVED	APPROVED	APPROVED	2023 APPROVED IN PRINCIPLE	2023 DRAFT		
Georgian Bay	2114	\$478,457,400	5.60	\$ 74,443	\$ 78,746	\$ 80,321	\$ 83,534	83,534	\$ 3,213	\$ 85,271
Midland	6181	\$1,366,966,807	16.18	118,584	125,651	128,164	133,408	133,408	5,244	136,187
Oro-Medonte	4256	\$1,112,902,900	12.20	101,979	108,006	110,166	114,646	114,646	4,480	117,034
Penetanguishene	3446	\$734,452,100	8.85	88,003	93,154	95,017	98,854	98,854	3,837	100,912
Severn	3358	\$687,466,543	8.45	86,334	91,381	93,209	96,969	96,969	3,760	98,987
Springwater	2343	\$486,289,200	5.93	75,820	80,209	81,813	85,089	85,089	3,276	86,859
Tay	6101	\$809,898,203	12.63	103,773	109,913	112,111	116,673	116,673	4,562	119,103
Tiny	12303	\$2,392,111,202	30.16	176,911	187,630	191,383	199,310	199,310	7,927	203,466
Totals:	40102	\$8,068,544,355	100	\$825,847	\$ 874,690	\$ 892,184	\$ 928,484	\$ 928,484	\$ 36,300	\$ 947,819
		INCREASE YEAR OVER YEAR \$		\$362,051	\$48,843	\$17,494	\$36,300	\$36,300		\$19,335
		INCREASE YEAR OVER YEAR %		78.1%	5.9%	2.0%	4.1%	4.1%		2.1%
		Total annual operating/core budget		\$908,069	\$958,556	\$977,726	\$1,015,739	\$ 1,070,665		\$1,036,819
		Base amount for each municipality		\$51,079	\$53,919	\$54,997	\$57,135	\$ 60,225		\$58,321

Note: Determination of Cost Apportionment as of December 2007 for agreement using revised SSEA watershed boundary.

- 1.the number of properties within the watershed area of each municipality was determined and from that, a percentage for cost sharing was calculated
- 2.the assessment within the watershed area for each municipality was determined and from that, a percentage for cost sharing was calculated
- 3.the average of 1. and 2.was used as the %cost share
- 4.for calculations with 8 municipalities, a base amount of 5.625% of the total annual operating budget was added to each share and followed by the percent of the remainder of the municipal amount
- 5.2020-2024 include Invasive Species Project in core operations, previously an implementation project
- 6.Source Water Implementation Project funded by core in 2020-2024 due to potential lack of provincial funding

**SEVERN SOUND ENVIRONMENTAL ASSOCIATION
HIGHLIGHTS - CHANGE IN MUNICIPAL SHARE CORE OPERATIONS
2023 DRAFT BUDGET vs 2022 BUDGET**

INCREASE OVER 2022 CORE MUNICIPAL SHARE	4.1%
2023 DRAFT BUDGET - CORE MUNICIPAL SHARE	\$928,484
2022 FINAL BUDGET - CORE MUNICIPAL SHARE	892,184

INCREASE IN MUNICIPAL SHARE OVER 2022 BUDGET	<u><u>\$36,300</u></u>
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Increase in wages and benefits	\$30,259
Staff contingency - additional staff requirements	55,459
Decrease in general revenues	13,042
Increase in contribution to capital asset reserve (to amortization level)	5,000
Increase in supplies/materials/equipment (monitoring etc)	4,977
Increase in Monitoring Support - contracted services	1,236
Increase in administration expenses - various	1,030
Increase in Invasive Species program costs	398
Increase in Source water funding - funding agreement signed with province!	(69,008)
Decrease in Computer/IT costs	(5,243)
Increase in project funding for labour/benefits	(850)
Contribution from Contingency Reserve re Strategic Plan	(15,000)
Strategic plan renewal	15,000

INCREASE IN MUNICIPAL SHARE OVER 2022 BUDGET	<u><u>\$36,300</u></u>
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**SEVERN SOUND ENVIRONMENTAL ASSOCIATION
PROJECTED RESERVE SCHEDULE
DECEMBER 31, 2023**

RESERVE ACCOUNT	BALANCE JAN 1/23	2023 CONTRIBUTIONS TO	2023 TRANSFERS FROM	BALANCE DEC 31/23
CONTINGENCY RESERVE:				
Contribution to strategic plan renewal per 2020 budget	5,000			
Contribution to strategic plan renewal per 2021 budget	5,000			
Contribution to strategic plan renewal per 2022 budget	5,000			
Balance of 2020 unrestricted surplus	153,350			
Contribution - 2020 municipal DWSP funds:				
Georgian Bay	6,639			
Midland	10,575			
Penetanguishene	7,848			
Severn	7,699			
Springwater	6,762			
Tiny	15,777	55,300		
Opening balance	223,650			
Strategic plan renewal per 2023 budget			(15,000)	
Contribution to strategic plan renewal per 2023 budget		5,000		213,650
EMPLOYEE BENEFITS RESERVE:				
Balance of 2019 Surplus per audit and board motion	Opening Balance	14,122		
Contribution to reserve per 2023 budget			5,000	19,122
CAPITAL ASSET RESERVE:				
Contribution to reserve re capital asset replacements per 2020 budget	5,000			
Contribution to reserve re capital asset replacements per 2021 budget	5,000			
Contribution to reserve re capital asset replacements per 2022 budget	12,000			
Opening balance	22,000			
Contribution to reserve re capital asset replacements per 2023 budget			17,000	39,000
WELL DECOMMISSIONING RESERVE:				
Contribution to well reserve per 2020 budget	1,800			
Contribution to well reserve per 2021 budget	1,800			
Contribution to well reserve per 2022 budget	1,800			
Opening balance	5,400			
Contribution to well reserve per 2023 budget			1,800	7,200
TOTAL PROJECTED BALANCE	265,172	28,800	(15,000)	278,972

NOTE: THIS SCHEDULE EXCLUDES THE 2021 SURPLUS STILL TO BE DETERMINED

**SEVERN SOUND ENVIRONMENTAL ASSOCIATION (SSEA)
2023 DRAFT BUDGET SUMMARY**

	4.1% 2023	4.1% 2023	2022	2021	2021	2020	2020
	DRAFT BUDGET	APPROVED IN PRINCIPLE BUDGET	BUDGET	unaudited ACTUAL	BUDGET	ACTUAL	BUDGET
SSEA CORE OPERATIONS							
GENERAL REVENUE	(\$1,015,984)	(\$1,030,739)	(1,055,726)	(973,496)	(958,557)	(713,660)	(908,069)
UNDISTRIBUTED PAYROLL	\$415,775	434,099	367,341	222,813	370,832	198,903	320,646
ADMINISTRATION/OVERHEAD	\$196,102	179,522	261,238	179,528	163,079	198,337	156,965
GIS BASE COVERAGES	\$106,806	94,064	92,220	96,965	90,412	80,835	88,639
REQUESTS & REVIEWS	\$21,000	35,846	35,143	12,190	34,454	8,258	33,778
MONITORING & SURVEILLANCE	\$106,614	101,891	107,398	109,994	111,355	93,784	96,015
MONITORING SUPPORT	\$32,025	23,347	22,889	22,978	22,440	8,955	22,000
WATER SCIENTIST	\$65,049	65,049	63,773	60,525	62,523	59,326	61,297
INVAISVE SPECIES	\$72,613	58,451	57,305	70,282	56,182	45,417	55,080
SOURCE WATER IMPLEMENTATION							
Revenues	(69,681)			(55,032)		(78,650)	
Expenses	69,681	38,469	48,419	54,996	47,280	77,651	73,649
PSAB ADJUSTMENTS						28,393	
TOTAL SSEA CORE OPERATIONS	0 -	1	0	(198,257)	(0)	7,549	(0)
<u>SSEA IMPLEMENTATION PROJECTS</u>							
GROUND WATER PROJECT							
Revenues	0	(2,653)	(2,601)	0	(2,550)	0	(2,500)
Expenses	0	2,653	2,601	0	2,550	0	2,500
FARLAIN LAKE PROJECT							
Revenues	0	0	(8,517)	(3,450)		(8,472)	
Expenses	0	0	8,517	3,450		5,008	
HONEY HARBOUR SURVEY							
Revenues	(17,768)	(15,856)	(6,195)	(10,129)	(15,240)	(9,507)	(14,941)
Expenses	17,768	15,856	6,195	10,129	15,240	9,507	14,941
WETLANDS EVALUATION PROJECT							
Revenues	0	0		0			
Expenses	0	0		0			
WYE MARSH PROJECT							
Revenues	(18,817)	0	(22,140)	(13,772)		(6,254)	
Expenses	18,817	0	22,140	5,784		2,062	
INLAND LAKES							
Revenues	(22,043)	(18,630)	(14,193)	(12,845)	(16,328)	(12,679)	(18,588)
Expenses	22,043	18,630	14,193	16,970	16,328	12,679	18,588
TREE DISTRIBUTION PROJECT							
Revenues	(27,000)	(21,964)	(21,307)	(25,158)	(20,154)	65	(20,004)
Expenses	27,000	21,964	21,307	25,158	20,154	7,512	20,004
RMO PROJECT							
Revenues	(48,284)	(71,398)	(46,434)	(58,436)	(68,708)	(74,587)	(74,191)
Expenses	48,284	71,398	46,434	58,436	68,708	60,964	74,191
SOURCE WATER IMPLEMENTATION							
Revenues	0	0					
Expenses	0	0					
VICTORIA HARBOUR WTP SURVEY							
Revenues	(10,563)	(8,659)	(8,862)	(5,740)	(8,323)	(4,274)	(7,855)
Expenses	10,563	8,659	8,862	5,740	8,323	4,274	7,855
INVASIVE SPECIES							
Revenues	0	0			0		0
Expenses	0	0			0		0
CITIZEN SCIENTIST							
Revenues	(13,507)	0		(16,923)		(15,669)	
Expenses	13,507	0		26,653		19,461	
FISH COMMUNITY EVALUATION							
Revenues	0	0					
Expenses	0	0					
HABITAT RESTORATION PROJECT							
Revenues	0	0			0		0
Expenses	0	0			0		0
SUSTAINABLE SEVERN SOUND							
Revenues	(72,320)	(92,404)	(68,871)	(77,209)	(78,085)	(27,648)	(106,756)
Expenses	72,320	92,404	68,871	88,929	78,085	33,865	106,756
SPECIES AT RISK							
Revenues	0	0	(13,680)	(9,104)			
Expenses	0	0	13,680	9,104			
DELISTING PROJECT							
Revenues	(100,000)	0					
Expenses	100,000	0					
HEALTHY SOILS=HEALTHY WATERSHEDS							
Revenues	0	0	(11,925)	(40,485)			
Expenses	0	0	11,925	40,485			
DEPAVE PARADISE							
Revenues	0	0		(1,621)			
Expenses	0	0		1,621			
TOTAL SSEA IMPLEMENTATION PROJECTS	1	0	(0)	17,587	(0)	(3,693)	0
TOTAL SSEA	1	0	0	(180,670)	(0)	3,856	(0)



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 18-22-SSEA
Date: July 12th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Judy Limoges, Treasurer

SUBJECT: SSEA Staffing Cost Update

Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 18-22-SSEA regarding the SSEA Staffing Costs Update be received as information.

Purpose of Staff Report

The purpose of this report is to provide the Board updated information on SSEA staffing costs.

Background

SSEA currently pays Mandatory Employment Related Costs (MERCs), Ontario Municipal Employees' Retirement System (OMERS) contributions and employee group benefits premiums on behalf of employees. MERCs are costs that employers are required to pay based on federal or provincial/territorial laws. MERCs under the federal law include Employment Insurance (EI) and Canada Pension Plan (CPP). MERCs under provincial law include Employer Health Tax (EHT) and Workplace Safety and Insurance Board (WSIB) premiums.

Analysis/Discussion

EI:

Effective January 1st, 2023 EI premium rates will increase following a two-year freeze. However, increases can occur annually when maximum insurable earnings, that EI premiums are based on, increase. The maximum insurable earnings increase for 2022 is 7.1% over 2021. The EI rate and the maximum insurable earnings information for 2023 is not yet known.

CPP:

Starting in 2019, CPP has been gradually enhanced. This means both employers and employees make higher contributions which result in increases to the CPP retirement pension, post-retirement benefit, disability pension and survivor's pension for employees. The increase in contributions as a result of the enhancement is being phased in gradually. From 2019 to 2023, the contribution rate will gradually increase by one percentage point (from 4.95% to 5.95%) on applicable earnings.

EHT:

The rate for EHT has been the same for many years and no new information is available to indicate any changes in 2023. SSEA currently pays 1.95% of payroll.

WSIB:

SSEA pays the same rate of WSIB as our Treasurer municipality, the Township of Tay. The current rate is \$2.72 per \$100.00 of earnings. Any change in rate will not be known until notification is received from WSIB.

OMERS Pension Plan:

Effective January 1, 2023, OMERS is removing the current eligibility requirement for non-full-time employees to join the Plan so that all non-full-time employees, including those who are currently ineligible, may elect to join the Plan at any time after December 31, 2022. Enrolment in the Plan would take effect on the first day of the month after the employee's election is received and would remain in place as long as the member continues working for their current employer.

The 2022 contribution rate is 9% of earnings up to \$64,900 (2022 CPP earnings limit) and 14.6% on additional earnings. The 2023 contribution rate is not yet available.

OMERS indicates that additional details will be communicated around the administration of this change over the coming months, closer to the implementation date.

Employee group benefits

SSEA continues to be part of a multi-employer consortium plan consisting of municipalities and municipal organizations, developed by Mosey & Mosey and LAS for employee group benefits. The benefits are provided through Sun Life. The Plan allows SSEA to achieve reduced costs through volume discounts and reduced administrative costs. Any rate changes are a result of overall performance of the insurer's pool, demographics and claims (life and disability) and utilization (health and dental). SSEA's renewal is November 1st annually. The Board will recall that the previous renewal in November 2021 resulted in a 5.4% decrease in premiums. The insurer advised in May that they are currently projecting no change to SSEA rates in November, assuming the experience in the last quarter remains the same as the rest of the year.

Financial Implications

All employer payroll costs affect the SSEA budget. Efforts have been made to ensure that the payroll budget for 2023 includes funds to cover these costs as much as possible. This has been indicated in staff's report on the 2023 budget.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Judy Limoges, Treasurer

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 19-22-SSEA
Date: July 26th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Melissa Carruthers, Risk Management Official/Risk Management Inspector
SUBJECT: Severn Sound SWP/RMO Update

APPLICABLE STRATEGIC PLAN GOALS:

Goal 1: Sound Science

- Continue to offer exceptional services as the Source Protection Authority for Severn Sound

Goal 2: Supportive Partnerships

- Strengthen & build relationships for the implementation of Part IV of the Clean Water Act
-

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 19-22-SSEA regarding an update on the activities undertaken by SS SPA and SSEA Risk Management staff during Q2 of 2022, be received for information.

Purpose of Staff Report

The purpose of this report is to provide an update on the activities that Severn Sound Source Protection Authority and SSEA Risk Management staff has undertaken during the second quarter of 2022.

Background

Under the *Clean Water Act, 2006* the SSEA is one of the Source Protection Authorities within the South Georgian Bay Lake Simcoe Source Protection Region (SGBLS SPR) and work with SSEA's member municipalities, as well as, the District Municipality of Muskoka to implement the Drinking Water Source Protection (DWSP) Program.

Historically staff of the SSEA has been delegated by 8 municipalities (District Municipality of Muskoka, Townships of Georgian Bay, Severn, Oro-Medonte, Tay, Tiny, and Towns of Midland and Penetanguishene) to preform risk management services on behalf of their municipality under Part IV of the *Clean Water Act*. To date that work has included verifying significant drinking water threats (SDWTs) via phone calls, surveys, and site visits and if a SDWT was found, the negotiation of risk management plans is underway. Answering inquiries from the general public or municipal staff and commenting on development proposals is also a large part of what the risk management staff does.

Analysis/Discussion

Source Protection Authority (SPA) – During the second quarter of 2022 Source Protection Authority staff completed the following tasks:

- Signed the 2022-2024 funding agreement with Lake Simcoe Region Conservation Authority
- Continued to support municipalities in updating Assessment Reports for new or changing water systems in Oro-Medonte, Tiny, and Midland
- Attended 7 regional or provincial meetings on various topics such as communications, assessment report updates requirements, Source Protection Committee meetings, and risk management topics specific to the drinking water source protection program
- Completed an update to impervious surface mapping around municipal drinking water systems to support potential policy changes around salt and snow storage.
- Nicole Stott joined the DWSP program in Q2 as the Drinking Water Source Protection Assistant to aid the Risk Management Official/Inspector in carrying out DWSP program and SPA duties

Risk Management Services - During the second quarter of 2022 risk management staff has completed the following tasks:

- Commented on 12 development applications, answered 10 inquiries, and attended 1 pre-consultation meeting
- Completed windshield surveys for most significant drinking water threat properties
- Started drafting 20 Risk Management Plans

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 20-22-SSEA
Date: July 12th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Julie Cayley, Executive Director

SUBJECT: Office Lease Update

Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 20-22-SSEA regarding the Office Lease Update be received for information.

Purpose of Staff Report

The purpose of this report is to inform the Board of the current status of SSEA's lease with Newmarket Hydro regarding the administration office located at 489 Finlayson Street in Port McNicoll, ON.

Background and Analysis

On May 28th, 2018 the Severn Sound Environmental Association signed a 5-year lease with Newmarket-Tay Power Distribution Limited for the use of the 2000 square foot office currently utilized by SSEA. The rents outlined in the Agreement are:

<u>Year</u>	<u>Monthly Rent</u>	<u>Annual Total</u>
1	\$1,250.00	\$15,000
2	\$1,312.50	\$15,750
3	\$1,375.00	\$16,500
4	\$1,437.50	\$17,250
5	\$1,500.00	\$18,000

The Lease started May 1, 2018 and expires April 30, 2023.

Section 3.2 of the Agreement states:

“...the Tenant shall have the right to extend this Lease for one (1) further term of five (5) years (the "Extension Term"). Such extension shall be on the same terms and conditions as in this Lease, except that:

- (i) there shall be no further right to extend after the expiry of the Extension Term unless consented to by the Landlord;
- (ii) the Minimum Rent shall be such amount as determined by subsection (c) of this section; and
- (iii) there shall be no leasehold improvement allowance or rent-free period or any other inducement, and the Occupied Premises shall be accepted by the Tenant in "as is" condition at the commencement of the Extension Term without the Landlord being required to perform any work.”

The Agreement states that each such extension must be exercised by written notice no later than nine (9) months prior to the expiry of the original Term – in this case SSEA has until July 31st, 2022 to exercise said option. The matter was presented to the SSEA Executive on June 13th who endorsed staff’s plans to exercise the option for a new 5-year lease. A registered letter was sent on July 7th, 2022 informing Newmarket Hydro of SSEA’s intent to exercise the option.

Both parties must agree on a new rental schedule 3 months prior to the lease expiring or then go to arbitration. While the SSEA Executive did ask how a new agreement might impact the 2023 Budget, staff is confident an acceptable rate can be negotiated. There is significant cost savings in remaining at the current facility. SSEA’s 2018 move from Midland to Tay cost about \$30,000. Items to consider when moving include: rental storage, utilities, property taxes, water/wastewater fees, insurance, network setup, telephone system purchase/move, security, cleaning, moving services, accessibility, painting and office configuration.

Exercising the option allows SSEA to focus on more pressing budgetary matters, while providing stability, knowing where SSEA will be located the next 5 years. SSEA has worked with Simcoe County Economic Development staff on this issue, but were unable to find other viable options with commercial vacancies dropping significantly, while price per square foot rising significantly.

Conclusion

Exercising the option allows SSEA to explore potential partnerships, other locations, working-from-home hybrids, as well as, time to do a proper administrative office needs assessment.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Cliff Evanitski, Office Manager

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board Meeting
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 21-22-SSEA
Date: July 26th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Tamara Brincat, Invasive Species Program Coordinator
Michelle Hudolin, Wetlands & Habitat Biologist

SUBJECT: SSEA Invasive Species Program Update

APPLICABLE STRATEGIC PLAN GOALS:

- Goal 1: Sound Science**
 - Goal 2: Supportive Partnerships**
 - Goal 3: An Engaged & Informed Community**
 - Goal 4: An Exceptional Organization**
-

RESOLVED THAT: Staff Report No. 21-22-SSEA, regarding SSEA Invasive Species Program Update, be received for information.

Purpose of Staff Report

The purpose of this report is to provide an update on the key activities and accomplishments of the SSEA Invasive Species Program during Q2 of 2022.

Background

The Invasive Species Program is a core program of the SSEA. The SSEA is working to address public and municipal concerns regarding non-native invasive species establishment within the Severn Sound watershed, and to reduce the ecological, economic and social impacts of invasive species while fostering regional partnerships and community relations.

Updates

The SSEA was fortunate to receive wage subsidy support through Canada Summer Jobs and the Ontario Federation of Anglers and Hunters; as a result, two youth were hired in Q2 to support the SSEA Invasive Species Program, increasing capacity for project delivery.

Monitoring, Management & Technical Support

- 2021 Municipal Invasive Species Reports were finalized and distributed to municipal representatives. The consolidated report is available on [SSEA website](#).
- In 2021, the SSEA detected invasive zebra mussels in Orr Lake, therefore this quarter the SSEA worked with the Township of Springwater to install five artificial substrates in Orr Lake to detect for the presence of adult invasive mussels. A [Public Notice](#) was published.

- The SSEA invasive species team helped the Township of Severn identify Giant Hogweed along the Uthhoff Trail to target management.
- Aquatic invasive species surveys were completed in Sturgeon Bay with help from Georgian Bay Forever for transportation.
- A Phragmites DNA sample was taken and submitted to the Invasive Species Centre for identification through the Ontario DNA Screening Program.
- SSEA participated in, supported and/or facilitated **6** volunteer management events:
 - Wye Marsh, Tay - Buckthorn
 - Copeland Forest, Oro-Medonte – Garlic Mustard (2)
 - Lafontaine Beach, Tiny – Spotted Knapweed
 - Rotary Champlain Wendat Park, Penetanguishene – Phragmites
 - Tiny Marsh, Tiny – Phragmites

Education & Outreach

- Responded to a total of **25** new invasive species inquiries, across all eight partner municipalities, providing technical support to municipal staff and the public. Inquiries were related to identification, requests for information and community science related to invasive/non-native species.
- Presented on watershed-wide invasive species management at the Joint Aquatic Science Meeting before an audience of IS practitioners in the Great Lakes region.

Funding

- Two Invasive Species Technicians (8-week contract staff) began in May 2022 to support the delivery of the Invasive Species Program, supported by a wage subsidy from *Canada Summer Jobs* and Ontario Federation of Anglers and Hunters.
- Received \$1,000 from the Huronia Community Foundation Smart and Caring Grants for expansion of the Invasive Species Spotters citizen science program

Special Projects

- Continued to deliver work on the 2021-2022 Farlain Lake Eurasian Water-milfoil (EWM) Management project, including providing technical expertise.
- Continued to deliver work on the 2020-2024 Wye Marsh Invasive Species Management Project, including technical support, and field work assistance.

Conclusion

The SSEA Invasive Species Program has successfully fostered relationships with municipalities, partner organizations and associations. Staff continue to research and identify external funding opportunities and support municipal and community-led invasive species projects. Accomplishments are shared through presentations, social media and other communications. Significant activities and tasks, including public and municipal outreach and education, were accomplished in the Q2 of 2022 benefitting the SSEA partner municipalities and community.

Prepared by:
Original signed by

Approved for Submission by:
Original signed by

Tamara Brincat, IS Program Coordinator

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 22-22-SSEA
Date: July 18th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Julie Cayley, Executive Director

SUBJECT: Draft 2020-2021 SSEA Annual Report

Strategic Plan Goal 2: Supportive Partnerships
Strategic Plan Goal 3: An Engaged & Informed Community
Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 22-22-SSEA regarding the Draft 2020-2021 SSEA Annual Report be received for information; and

FURTHER that the SSEA Board of Directors approves the Draft 2020-2021 SSEA Annual Report and directs staff to forward it to the member municipalities.

Purpose of Staff Report

The purpose of this report is to present to the Board the final draft of the 2020-2021 SSEA Annual Report for approval.

Background and Analysis

The Letter of Agreement signed by SSEA's municipal partners in March 2009 requires the preparation of an Annual Report that outlines the progress made in implementing the organization's Strategic Plan.

Conclusion

Despite the challenges of Covid the past two years, the Annual Report indicates that SSEA was able to enhance its service levels in a number of programs, as well as, advance the means in which these services were delivered to stakeholders across the watershed.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Cliff Evanitski, Office Manager

Julie Cayley, Executive Director



Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022

STAFF REPORT

No: 23-22-SSEA
Date: July 19th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Julie Cayley, Executive Director

SUBJECT: Sustainable Severn Sound (SSS) Update

Strategic Plan Goal 1: Sound Science
Strategic Plan Goal 2: Supportive Partnerships
Strategic Plan Goal 3: An Engaged & Informed Community
Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 23-22-SSEA regarding the Sustainable Severn Sound Update be received for information.

Purpose of Staff Report

The purpose of this report is to present to the Board progress to date with implementing the Sustainable Severn Sound Program.

Background

The aim of the Sustainable Severn Sound (SSS) Project is to assist SSEA's municipal partners advance practices and policies within their operations to help implement their Municipal Climate Plans – with the goals of mitigating greenhouse gases and creating sustainable communities.

In 2018, six of SSEA's partner municipalities joined the Federation of Canadian Municipalities-ICLEI Local Governments for Sustainability's *Partners for Climate Protection Program*. Subsequently, in 2022 the Township of Springwater has signed onto the SSS Program.

Analysis/Discussion

Staffing for the SSS Program has been challenging with turnover leading to other SSEA team members trying to assist with deliverables. With the competition in the current job market and inability of SSEA to secure a candidate through the advertising process, a decision was made to contract the service of a consultant in order to assist in meeting the Program's deliverables for its municipal partners. Section 3.1.7 of SSEA's Joint Municipal Board Service Agreement allows the Executive Director to "...retain the services of consultants, contractors and experts in order to meet the objectives of the Business Plan and the Strategic Plan." As well, Tay's Procurement Policy (Schedule A) allows for the sole-source acquisition of Professional and Special services if one of those services is temporary help. In June, the service of CLH & Co. Inc was secured to

help deliver the SSS Program's deliverables until December 31st of this year.

Conclusion

It is anticipated that the SSS Program's goals of assisting municipal partners with their Climate Plans will move forward in a dedicated fashion.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Cliff Evanitski, Office Manager

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 24-22-SSEA
Date: July 26th, 2022
To: Chair and Members, SSEA Board of Directors
From: Aisha Chiandet, Water Scientist

SUBJECT: SSEA Grant Application Update

Strategic Plan Goal 1: Sound Science
Strategic Plan Goal 2: Supportive Partnerships
Strategic Plan Goal 3: An Engaged & Informed Community
Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 24-22-SSEA regarding SSEA Grant Application Update, be received for information.

Purpose of Staff Report

To update the Board on funding applications that have been submitted or approved during the second quarter of 2022, or are currently in preparation and will impact budget and workload in 2022 and beyond.

Background

The following lists funding applications submitted in Q2 of 2022 or are currently being prepared.

Approved Funding:

- 1) Federal Canada Summer Jobs (CSJ) (Service Canada)**
Programs Supported: Invasive Species, Sustainable Severn Sound, Field Monitoring
Approved For: \$12,600 until Sept 3rd, 2022 (not included in budget; covers staff costs)
SSEA Cash: \$17,242 (salary cost) (\$2,509 less than budgeted for)
SSEA In-kind: \$5,968 (admin)
Description: Wage subsidy to hire youth (aged 15-30 years) for seasonal positions; SSEA was approved for 50% of the provincial minimum wage for eight week contracts. SSEA also partnered with the Ontario Federation of Anglers and Hunters on a successful CSJ application for their *Invasive Species Hit Squad* program, getting one staffer at minimal or no cost.
Impacts: Increase staff resources while providing youth to develop valuable skills and experience.

- 2) Smart and Caring Grant (Huron Community Foundations)**
Project Title: Invasive Species Spotters
Programs Supported: Invasive Species, Citizen Science
Approved For: \$1,000 for 1 year (extra cash; covers equipment costs)
SSEA In-kind: \$2,100 for 1 year (2022/23) (staff time/admin)
Description: Allows SSEA to purchase materials to create at least 5 aquatic plant rake sampling kits for citizen science volunteer use, enabling us to recruit extra volunteers across Severn Sound.

The funds also allow SSEA's Citizen Science programs to buy participation prize packs for volunteers who help the entire monitoring season.

Impact: Promotes stewardship and engages community in environmental monitoring.

3) Lake Huron Georgian Bay Community Action Initiative

Project Title: Celebrating the 20th Anniversary of the Delisting of Severn Sound with Education and Lower Food Web Monitoring

Programs Supported: Delisting Anniversary reporting

Approved For: \$15,500 for 10 months (extra cash; covers \$9,841 in staff costs)

SSEA In-kind: \$27,611 for 10 months (2022/23) (staff time/admin)

Description: Develop communication and marketing tools to highlight 20th Anniversary of the Delisting of Severn Sound as an Area of Concern, and sample zooplankton and algae communities in 2022 as part of SSEA's long-term Open Water Monitoring Programs to characterize the lower food web in Severn Sound.

Impact: Increase staff capacity to communicate results of monitoring programs, and offset the cost of algae and zooplankton analysis at open water stations.

Funding Pending Approval:

4) MECP Internal call for Canada Ontario Great Lakes Agreement grant submissions

Project Title: The State of Severn Sound 20 Years Post-Delisting as an Area of Concern

Programs Supported: Delisting Anniversary reporting

Total Applied For: \$75,000 (extra cash; would cover \$3,032 in admin, \$67,168 for new hire)

SSEA In-kind: approx. \$75,000 (staff time/admin)

Description: Analyze and communicate findings from the last 20 years of environmental monitoring of Severn Sound and its watershed following its delisting as an Area of Concern; fill information and knowledge gaps to facilitate reporting on conditions in the Severn Sound watershed, specifically related to fish communities and river habitat feeding into Severn Sound.

Impact: Resources to analyze and report on monitoring data re: "State of Severn Sound" to stakeholders across the watershed and beyond, related to celebrating 20 years post delisting.

Applications Submitted by Partner Agencies:

5) Friends of Wye Marsh

Project Title: Wye Marsh Invasive Species Management

Lead Agency: Wye Marsh

Programs Supported: Invasive Species

Total Applied For: \$96,858 over 5 years (2020-2024) (included in budget)

Approved For: \$24,480 for 2022 (covers staff costs)

SSEA In-kind: N/A

Description: SSEA provides Friends of Wye Marsh with technical support, field monitoring and management support to control invasive Phragmites in Wye Marsh's Provincial Wildlife Area.

Impact: Increases watershed-wide IS management, builds NGO partnerships, and engages community in stewardship initiatives.

6) Great Lakes St Lawrence Cities Initiative WEGE Award

Lead Agency: Township of Tiny

Project Title: Engaging the Severn Sound Community in Citizen Science and Education

Programs Supported: Citizen Science

Total Applied For: \$7,500 (extra cash; would cover staff costs and equipment costs)

SSEA In-kind: not specified, but would include staff time/admin

Description: Project will explore developing interactive content that allows volunteers and the public to better understand the results of citizen science monitoring, leading to more volunteers, including in areas with coverage gaps across the watershed.

Impacts: Resources for SSEA staff and equipment to expand citizen science programs.

Pending Submission in Q3 2022:

7) MECP Internal call for Canada Ontario Great Lakes Agreement grant submissions

Project Title: TBD

Programs Supported: Tributary, Inland Lake and Open Water Monitoring

Total Applied For: \$95,000 over 1 year (extra cash to cover staff and possibly equipment costs)

SSEA In-kind: TBD, would include staff time/admin

Description: Project application will likely focus on creating a pilot program to monitor the impacts of stormwater discharges on receiving waters, in partnership with municipal staff.

Impact: Build organizational capacity to conduct environmental monitoring related to stormwater impacts on receiving waters. Strengthen stormwater management partnerships with municipalities.

Analysis/Discussion

SSEA works to secure external funding both independently and in partnership with numerous organizations, in order to support special projects and core operations that support the Strategic Plan. Note that some of the grants and partnerships pending submission are for more than one year. The current total approved funding amounts (excluding pending submissions) for the next three years (projected for all four quarters) are as follows:

2022 – approximately* \$135,437

2023 – approximately* \$30,739

2024 – approximately* \$23,700

*Note: project amounts for 2023 onward may change, and need to be confirmed annually.

Expected Impact on SSEA budget/workload

SSEA grant applications include budgeted amounts for staff resources, which may include funds to support existing positions and/or new hires depending on the project, and other costs such as equipment, mileage/vehicle expenses, materials and supplies, and goods and services that would support the projects, if approved. Where permitted by the fund, project budgets also include an amount to support SSEA overhead expenses. The expectation is that approved grant applications would offset existing staff and equipment resources and expand deliverables.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Aisha Chiandet, Water Scientist

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 25-22-SSEA
Date: July 26th, 2022
To: Chair and Members, SSEA Board of Directors
From: Michelle Hudolin, Wetlands & Habitat Biologist

SUBJECT: SSEA Community Tree Planting & Tree Seedling Distribution Program Update

Strategic Plan Goal 1: Sound Science
Strategic Plan Goal 4: An Exceptional Organization

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 25-22-SSEA regarding SSEA Community Tree Planting & Tree Seedling Distribution Program Update, be received for information.

Purpose of Staff Report

The purpose of this report is to provide an update on the spring 2022 Community Tree Planting and Tree Seedling Distribution programs including program results.

Background

The Severn Sound Remedial Action Plan/SSEA has been involved in facilitating, coordinating and supporting tree plants since the early 1990s, to increase forest cover and biological diversity, and improve wildlife habitat and stream water quality. The SSEA helps with project planning, obtaining native tree and shrub seedlings, and coordinating a variety of groups and volunteers, including local schools and community organizations. More than 242,000 seedlings have been planted through this Program to date.

To supplement the Community Tree Planting Program, the SSEA started the Tree Seedling Distribution Program in 2007. This over-the-counter 'plant your own' tree sales program provides property owners with reasonably-priced, native seedlings for spring planting - increasing local tree cover. Nearly 135,600 seedlings have been purchased and planted to date by participants.

In addition to water quality and habitat benefits of planting trees, there is a value in carbon capture: the Tree Canada Foundation reports that the 'average' Canadian tree's annual carbon storage is 2.5 kg in an urban environment, and 2.8 kg in a rural environment, and the lifetime carbon sequestration per tree is 200 kg and 225 kg in urban and rural environments, respectively¹.

Analysis/Discussion

In spring 2022, the Tree Seedling Distribution Program was implemented using the curbside-style pick-up model, pre-arranged pick-up times for participants, and COVID-19 safety protocols that were developed and used effectively in spring 2021. Member municipalities were very helpful in promoting the initiative, as well as, providing logistical support with seedling transportation and distribution. This year's Program was very successful, with eight native tree species and one shrub species distributed (White Pine, White Spruce, White Cedar, Balsam Fir, Tamarack, Sugar Maple, Black Walnut, Shagbark Hickory, and Nannyberry). Response to the initiative was good, and SSEA sold out of available seedlings before the order deadline in January. In total, 228 participants from all municipalities purchased and planted 8,740 native seedlings.

SSEA implemented two community tree planting events in late April and early May at a property in Oro-Medonte abutting the Sturgeon River; Scouts Canada, a long-time partner of SSEA, planted 800 seedlings on April 30th, and SSEA staff, Board, and volunteers planted an additional 640 seedlings at the site on May 13th. In addition, a volunteer planted 15 seedlings of two species at the Township of Tiny arboretum on May 20th.

Expected Impact on SSEA budget/workload

The SSEA sets seedling prices so that the Tree Seedling Distribution Program is self-funded. In addition to funds from seedling sales, the SSEA was approved for a \$0.25 per tree subsidy up to \$2,100 from Forests Ontario for the 2022 Program.

For Community Tree Planting projects, 100% of the cost of seedlings planted by volunteers, amounting to \$1,705 for spring 2022, is reimbursed through a County of Simcoe Forestry grant. The County funds are available through a multi-partner, four-year (2019-2022) MOU between the County and SSEA, Dufferin Simcoe Land Stewardship Network, NVCA and LSRCA. The SSEA's staff costs for organizing and implementing Community Tree Planting are covered through core funding.

Conclusion/Recommendations

The SSEA is in planning stages for our spring 2023 programs. Staff will be conducting site visits to prospective properties in summer and fall, and ordering seedlings for both programs in fall 2022.

Prepared by:
Original signed by

Approved for Submission by:
Original Signed by

Michelle Hudolin, Wetlands & Habitat Biologist

Julie Cayley, Executive Director

References

1. Tree Canada Foundation "What Trees Can Do to Reduce Atmospheric CO₂" 1999.
https://treecanada.ca/wp-content/uploads/2017/07/What_trees_can_do_to_reduce_CO2_1999.pdf



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 26-22-SSEA
Date: July 26th, 2022
To: Chair and Members, SSEA Board of Directors
From: Aisha Chiandet, Water Scientist

SUBJECT: Projects for Pollinators Initiative

*Strategic Plan Goal 2: Supportive Partnerships
Strategic Plan Goal 3: An Engaged & Informed Community*

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 26-22-SSEA regarding Projects for Pollinators Initiative, be received for information.

Purpose of Staff Report

The purpose of this report is to provide a summary of the Q2 2022 Projects for Pollinators Initiative progress and achievements to the SSEA Board of Directors.

Background

Through foraging behaviours that move pollen around, pollinators like butterflies, bees, bats and birds play an essential role in terrestrial ecosystems, as well as, in food production. Pollinator populations are declining and one of the biggest reasons is habitat loss from land clearing, development and spread of invasive species. Creating, enhancing and protecting habitat for native pollinator species can help reduce some of the threats in the Severn Sound area.

Habitats can be created, enhanced and protected through initiatives like invasive species management, a new SSEA initiative called Projects for Pollinators (P4P and the Bee City Program which the Town of Midland, and Townships of Tiny, Severn and Georgian Bay are members of. Certain management practices, such as reduced mowing, also contribute to climate mitigation actions identified in municipal climate action plans.

Analysis/Discussion

The SSEA was successful in receiving funding from TD Friends of the Environment Foundation (TD FEF) for the P4P initiative. The funding covers the cost of plants for pollinator gardens in Bee City municipalities, materials for pollinator kits, and support for staff to create social media posts, pollinator kits and educational material, and coordinate volunteers for planting events.

Habitat Creation & Enhancement

Related to the P4P initiative and as part of the second phase of the Depave Paradise Program at Honey Harbour Park, a pollinator garden was planted on the property. Planting took place on June 21st, 2022 with help from grade 4-8 students at Honey Harbour Public School and

volunteers from the Baxter Ward Lion's Club. Over 30 different native species of flowers, grasses, shrubs and trees were planted, for a total of 317 plants. The purpose was to enhance native pollinator habitat and increase biodiversity at the site. Plants were purchased from local nursery, Hidden Habitat, using funding from the TD FEF grant. Hidden Habitat also provided garden planning and site preparation services.

SSEA plans to plant pollinator-attracting native plants in partnership with Bee City members and coinciding with invasive species management efforts at municipal parks. These planting days will also serve as an opportunity for volunteers to get hands-on experience protecting and establishing local pollinator habitats, removing invasive species and planting native pollinator species. Pollinator kits will be handed out at these events.

Education and Outreach

June 20-26, 2022 was Pollinator Awareness week, and provided an excellent opportunity for education and outreach. Social media posts went up each day with information on topics related to pollinators and plants that attract them. Posts included information about local pollinators and plant species and relationships, considerations in creating a pollinator garden, climate change impacts on pollinators, actions to avoid to protect native pollinators and plants, as well as, a summary of activities undertaken by the SSEA to improve and maintain pollinator habitats.

A section on the SSEA website was created called [Pollinator Habitat](#), which gives general information on pollinators, details SSEA involvement supporting Bee City municipalities, and provides information on the P4P Initiative and Depave Paradise Project in Honey Harbour.

Pollinator Kits

A Pollinator Helper Handbook and Pollinator Plant Guidebook are being developed. These will be in the Pollinator Kits which also include native species seed mix, and reusable lawn flags for marking no-mow zones. The Pollinator Helper Handbook includes information on garden site preparation, as well as, on how to choose native plants for pollinator gardens. The Pollinator Plant Guidebook will describe plant species native to the Severn Sound area, with details on soil, light, and moisture requirements, historical facts, and physical features. The SSEA plans to hand out Pollinator Kits at events to encourage members of the public to create and enhance pollinator habitats. Seed packets have been given out at numerous SSEA events so far this summer.

Financial Implications

The P4P Initiative is funded by TD FEF (\$8,000), with in-kind from SSEA (about \$6,180).

Conclusion/Recommendations

SSEA is undertaking projects and activities to create, enhance and protect pollinator habitat. This work contributes directly multiple goals and objectives of the SSEA and partner Municipalities. Benefits reach beyond creating and protecting pollinator habitat to contributing to municipal climate action goals.

Prepared by:
Original signed by

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Aisha Chiandet, Water Scientist

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 27-22-SSEA
Date: July 26th, 2022
To: Chair and Members, SSEA Board of Directors
From: Aisha Chiandet, Water Scientist

SUBJECT: Depave Paradise Project Wrap-Up

Strategic Plan Goal 2: Supportive Partnerships
Strategic Plan Goal 3: An Engaged & Informed Community

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 27-22-SSEA regarding Depave Paradise Project Wrap-up, be received for information.

Purpose of Staff Report

The purpose of this report is to provide a summary of the Q2 2022 Depave Paradise Project progress and achievements to the SSEA Board of Directors.

Background

On July 26th, 2021, the Board supported the staff recommendation for SSEA to participate as a delivery agent in the Depave Paradise Program, a project of Green Communities Canada. Hardened surfaces have negative impacts on local waterways due to the disruption of the natural water cycle and the movement of contaminants through stormwater runoff. As summarized in SSEA's SSS Local Climate Change Action Plan, the projected rise in global temperatures is expected to result in intensification of the water cycle, causing more severe droughts, increased total precipitation, and increasingly intense storm events. By participating in the Depave Paradise Program, SSEA was able to encourage the use of green infrastructure or Low Impact Development (LID) features to help to minimize the impacts of hardened surfaces. By becoming a delivery agent in the Depave Paradise Program, SSEA was able to offer an engaging way to involve the local community and educate residents on the benefits of green infrastructure, as well as, pollinator habitats while improving the hydrological and ecological function of public lands.

Analysis/Discussion

SSEA staff worked with the Township of Georgian Bay to plan and implement our first Depave project. A site was identified at Honey Harbour Park, which the Township had plans to revitalize, including the removal of an old skating rink and replacing it with a smaller rink and covered pavilion. On May 1st, 2022 SSEA and Township staff along with community volunteers removed roughly 100 m² of the rink by hand. The removal event was attended by 14 volunteers, who contributed 35 hours to the project. The planting phase of the project occurred on June 21st with the help of 24 volunteers, including 16 grade 4-8 students from Honey Harbour Public School

and 5 volunteers from the Baxter Ward Lion's Club who collectively contributed 72 hours to the project. Volunteers planted 33 species of native trees, shrubs, grasses and wildflowers, for a total of 317 plants. Species were selected to provide food and habitat for pollinators.

Since plans at the Park have evolved to include six pickleball courts, replanting did not occur in the same location as the depaving. However, the equivalent of ~100m² in pollinator gardens were established around an existing pond, and as such will act as an additional buffer to prevent stormwater runoff from ultimately entering Georgian Bay. SSEA continues recommending the Township install a permeable border around the courts and pavilion to capture runoff.

Aside from the event days, educational engagement included:

- Social media posts to Facebook, Instagram and Twitter with 21, 27 and 20 posts, and 163, 433 and 212 instances of engagement (likes, shares, comments, etc.), respectively
- Information shared through SSEA staff reports and board meeting videos, and Township of Georgian Bay council meetings and social media posts
- Total instances of engagement - approx. 1000 people

Additionally, a draft educational sign was created and a section on the SSEA website has been dedicated to [Pollinator Habitat](#), and includes information about the Depave Project.

A big thank you to Mayor Koetsier, Councillor and SSEA Board Vice Chair Wianko, Councillor Jarvis and CAO Julie Bouthillette from the Township of Georgian Bay, and to Deputy Mayor and SSEA Board member Dubeau from the Town of Penetanguishene for helping with the project.

Financial Implications

SSEA was granted \$15,000 to support the implementation of the Honey Harbour Depave Project for 2022. The final \$5,000 will be received following the final report.

There are still outstanding costs to be paid and it is anticipated that \$8,430 of the GCC funds will go towards SSEA staff time. SSEA contributed approximately \$16,700 of in-kind staff time, and \$1,040 in-kind for supplies and tools. The funds received from GCC aim to cover other project costs including plants, event day materials, garden plan and site preparation, educational signage, photography and video production. A portion of the TD FEF grant went towards the purchase of plant materials for the Honey Harbour garden. As part of their in-kind contribution, the Township of Georgian Bay covered the cost of cutting and removing the asphalt, along with port-o-potty rental. The total amount of in-kind from the Township, is approximately \$5,185.

Conclusion/Recommendations

The Depave Project at Honey Harbour Park has resulted in the successful installation of a pollinator garden, as well as, provided the opportunity for education and outreach on stormwater, low impact development, biodiversity and pollinator habitat.

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Aisha Chiandet, Water Scientist

Julie Cayley, Executive Director



**Severn Sound Environmental Association
Joint Municipal Service Board
2022 Second Quarterly Meeting (Q2) – July 26th, 2022**

STAFF REPORT

No: 28-22-SSEA
Date: July 26th, 2022
To: Chair and Members of the SSEA Board of Directors
From: Aisha Chiandet, Water Scientist

SUBJECT: SSEA Past and Upcoming Events

*Strategic Plan Goal 2: Supportive Partnerships
 Strategic Plan Goal 3: An Engaged & Informed Community*

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 28-22-SSEA regarding SSEA Past and Upcoming Events, be received for information.

Purpose of Staff Report

To outline key events hosted and attended by SSEA in Q2, and upcoming events in Q3 of 2022.

Background

Engaging with community and partner organizations is one of SSEA’s core services. Facilitating and participating in community events or virtual webinars allows SSEA to:

- Engage and educate community members, and promote SSEA programs and services;
- Encourage stakeholders and community to follow best management practices; and
- Increase capacity through volunteers to deliver services and special project work.

Analysis/Discussion

SSEA has facilitated and/or participated in 18 events in Q2, detailed in **Table 1**. Approximately 1,590 people attended, participated or volunteered in these events. To date, SSEA anticipates facilitating and/or participating in 12-16 events in the Q3 of 2022, detailed in **Table 2**.

Table 1. List of events that SSEA facilitated and/or participated in during Q2 of 2022.

Event Name	Event Coordinator & Type	Relevant Program(s)/ Project(s)	Target Audience/ Region	Approx. Number of Participant/ Volunteer
Community Tree Plant (Scouts Canada)	SSEA - stewardship event	Tree Planting	Oro-Medonte site, Scouts Canada volunteers	60
Tree Seedling Distribution	SSEA - tree planting	Tree Seedling Distribution	participants that purchased seedlings (all municipalities)	228

Event Name	Event Coordinator & Type	Relevant Program(s)/ Project(s)	Target Audience/ Region	Approx. Number of Participant/ Volunteer
Community Tree Plant	SSEA - stewardship event	Tree Planting	Oro-Medonte site, SSEA staff, Board, volunteers	25
Depave at Honey Harbour Park - asphalt removal	SSEA - stewardship event	Sustainable Severn Sound	Georgian Bay Twp residents, open to volunteers from across the watershed	14
Depave at Honey Harbour Park - garden planting	SSEA - stewardship event	Sustainable Severn Sound	Georgian Bay Twp residents, open to volunteers from across the watershed	24
Citizen Science Volunteer Training	SSEA - webinar	Citizen Science, IS, Environmental Monitoring	Shore Watch & Stream Watch volunteers	5
Communities in Watershed Action	SSEA/ABCA - public informational event	all programs	Watershed-wide, agencies from across L Huron-GBay area	~90
Wye Marsh Earth Day Event	Friends of Wye Marsh - stewardship event	Invasive Species, Pollinator, Citizen Science	Midland and area residents/ community	~20
All About Bee Cities Webinar	Township of Tiny - stewardship event	SSS, Bee City	Tiny residents & ratepayers	~10
Bee City Plaque Unveiling	Township of Tiny - stewardship event	SSS, Bee City	Tiny residents & ratepayers	~10
Tay Blooms Horticultural Event	Township of Tay - plant exchange & free mulch event	Invasive Species, Pollinator	Tay residents	~25
Midland Kids Fishing Derby	Town of Midland - fishing event	Invasive Species, Citizen Science	Midland Youth	~100
Midland Bee City Mural Unveiling	Town of Midland - pollinator project	Sustainable Severn Sound	Midland residents	~20
Tiny Marsh Phragmites Removal	M-T-M Conservation - Stewardship event	Invasive Species	Elmvale District High School Students	43

Event Name	Event Coordinator & Type	Relevant Program(s)/ Project(s)	Target Audience/ Region	Approx. Number of Participant/ Volunteer
Lafontaine Spotted Knapweed Removal	SSEA - stewardship event	Invasive Species	Tiny residents	8
Penetanguishene Phragmites Removal	SSEA/ Town of Penetanguishene - stewardship event	Invasive Species	Penetanguishene residents	5
Métis Rendezvous	Georgian Bay Métis Council	All	Watershed-wide	~500
Celebration of Summer BBQ	Southern Georgian Bay Chamber of Commerce	All	Midland, Penetanguishene, Tiny, Tay, and surrounding area residents and businesses	~400
TOTAL VOLUNTEERS/PARTICIPANTS				~1,590

Table 2. List of upcoming events that SSEA will be facilitating and/or participating in during Q3 of 2022.

Event Name	Date	Relevant Program(s)/Project(s)	Target Audience/ Region
Farlain Lake Community Association AGM	Aug 17th	Inland Lake monitoring	Farlain Lake residents & ratepayers (Tiny)
Bee City Volunteer Days	TBD, multiple dates	Projects for Pollinators, Invasive Species	Bee City member municipalities, open to volunteers from across the watershed
Tay Kids Fishing Derby	July 9	Invasive Species, Citizen Science	Residents/Youth in Tay area
Penetanguishene Phragmites Removal	July 12 & August 6	Invasive Species	Residents in Penetanguishene
Tay Bike Day	July 23	All	Residents in Tay
All Things Canadian Festival	July 23	All	Penetanguishene & area

Township of Tiny Community/Mayors BBQ	July 23	All/stewardship	Residents in Tiny
Cawaja Phragmites Removal	August 4 & August 18	Invasive Species	Residents in Tiny
Little Lake Park Invasive Species Removal	July 21	Invasive Species, Pollinator	Residents in Midland
Wye Marsh Phragmites Removal	August 20	Invasive Species	Residents in Midland & area
Georgian Bay Festival	September 10	All	Tiny & area

Conclusion

SSEA staff has continued to foster relationships with municipalities, partner organizations and associations by facilitating and participating in community engagement events.

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