



Report Presented To:	Township of Southgate Council Meeting
Meeting Date:	2024-12-18
Report Number	PW2024-042
Title:	2023 GRCA Dundalk Lagoon Silver Level Recognition Program
Open/Closed Session:	Open Session
Prepared By:	Jim Ellis
Approved By:	Jim Ellis Public Works Manager

Executive Summary:

The Grand River Conservation Authority spearheads the Grand River Watershed-Wide Wastewater Optimization Program (GRWWOP), working with municipalities, First Nations and the Ministry of the Environment, Conservation and Parks (MECP). The GRWWOP assists with wastewater treatment optimization to improve water quality in the Grand River watershed.

The Dundalk Lagoon system has been recognized in 2023 with achieving a Silver Level for wastewater treatment performance. (Attachment #1)

Recommendation:

Be it resolved that Staff Report PW2024-042 be received for information.

Background:

The GRWWOP recognition program, has an annual evaluation criterion for assessing wastewater effluent quality and compliance with the associated Environmental Compliance Approvals (ECA).

Part of the program’s focus is reducing Total Phosphorous (TP) and Total Ammonia Nitrogen (TAN) loading of nutrients in wastewater effluent and data collection in the annual Watershed Overview Report. (Attachment #2)

Analysis:

The GRWWOP Fall Workshop was held at the GRCA Auditorium in Cambridge on November 14, 2024.

Supervisor of Water and Roads Cory Henry and Public Works Manager Jim Ellis were in attendance. Jim presented a report on the Dundalk Lagoon 2024 Emergency Discharge Event. (Attachment #3)

Cory received the Silver Level Recognition Letter on behalf of Southgate presented by Cameron Irvine, GRCA Supervisor of Water Quality. (Attachment #4)

A big thanks to the Dundalk wastewater operators and their commitment to providing operational excellence.

Internal Policy and Legislated Requirements:

The Dundalk Sewage Treatment Works ECA number 5657-9D9LYE is the applicable Prescribed Instrument for the Dundalk Wastewater System.

Financial and Resource Implications:

There are no financial implications to this report.

Strategic Priorities:

Priority: Operational Excellence

Goal: Goal 12: Ensure Diligent Maintenance and Long-Term Sustainability of Township Assets and Infrastructure

Action Item: 12 e). Finalize the Water/Wastewater Servicing Strategy for Planned Urban Growth, Revise as Needed and Incorporate Updates into the Township Capital Plan

Attachments:

Attachment 1: PW2024-042 – GRWWOP Recognition for the Dundalk Lagoon 2023 Silver Level Performance Letter

Attachment 2: PW2024-042 – 2023 GRCA Watershed Overview of Wastewater Treatment Plant Performance

Attachment 3: PW2024-042 – Dundalk Lagoon 2024 Emergency Discharge Event

Attachment 4: PW2024-042 – Silver Level Recognition Acceptance Picture