



**TOWN OF MINTO**

**MEETING DATE:** March 18th, 2025  
**REPORT TO:** Mayor and Council  
**SERVICE AREA:** Public Works - Wastewater Services  
**SUBJECT:** Report PW 2025-010 2024 Wastewater Annual Performance Reports

**RECOMMENDATIONS:**

THAT the Council of the Town of Minto hereby receives report PW2025-010 2024 Wastewater Annual Performance Reports, prepared by the Wastewater Services Manager, for information purposes;

AND FURTHER THAT the Council of the Town of Minto acknowledges the compliance status and operational updates outlined in the attached reports, as required by the Ministry of the Environment, Conservation, and Parks (MECP).

**BACKGROUND**

As per the Environmental Compliance Approvals (ECAs) issued by the MECP, annual reports are required to be submitted detailing the performance and compliance of the Town's wastewater treatment facilities. These reports assess the operational effectiveness, regulatory compliance, and infrastructure needs of each WWTP. The three WWTPs—Clifford, Harriston, and Palmerston—continue to be operated and maintained by the Town of Minto Public Works, Wastewater Services Department.

The 2024 reports detail performance data, maintenance activities, compliance with effluent standards, and ongoing capital improvements for each facility.

**COMMENTS:**

**1. Clifford Wastewater Treatment Plant**

- Operated within compliance limits throughout 2024.
- Effluent quality remained high, with no bypasses, overflows, or exceedances.
- Sand filter rehabilitation was successfully completed using Town staff, resulting in cost savings.
- Future Considerations: Continued monitoring of infrastructure and potential improvements.

## 2. Harriston Wastewater Treatment Plant

- No major compliance issues; all effluent parameters remained within limits.
- Some operational challenges:
  - Over-discharge due to an operator error (addressed through training).
  - High river levels temporarily delayed discharge operations.
- Ongoing studies:
  - Assimilative Capacity Study (to be completed in 2025).
  - Inflow & Infiltration Study to reduce excess flows.
- Future Considerations: Continuing to address industrial wastewater flows and capacity planning.

## 3. Palmerston Wastewater Treatment Plant

- Strong operational performance with no bypasses or major exceedances.
- New clarifier fully operational
- Biosolids land application managed effectively, complying with the Nutrient Management Act.
- Future Considerations: Monitoring impacts of biosolids application while staying in compliance with Non-Agricultural Source Material (NASM) Requirements.

### **FINANCIAL CONSIDERATION:**

- 2024 capital and operating remained on budget across all three facilities.
- 2025 Budget allocations cover necessary upgrades and maintenance across all three WWTPs.

### **STRATEGIC PLAN**

#### Goal 1 – Manage Our Infrastructure

Maintain, renew and expand our municipally owned infrastructure to enhance healthy growth and our environment.

Attachments:

2024 Clifford WWTP Annual Report  
2024 Harriston WWTP Annual Report  
2024 Palmerston WWTP Annual Report

**PREPARED BY:** Mark Robertson, Wastewater Services Manager

**RECOMMENDED BY:** Gregg Furtney, Chief Administrative Officer (CAO)