



**TWO  
RIVERS**  
WISCONSIN

**PUBLIC WORKS**



**Engineering Division**  
1717 E. Park Street  
P.O. BOX 87  
Two Rivers, WI 54241-0087

## Memorandum

*Department of Public Works*

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Date: March 03, 2025

To: Public Utility Committee  
City Council  
Greg Buckley, City Manager

From: Matthew Heckenlaible, PE – Director of Public Works / City Engineer

Re: 2024 Annual WDNR MS4 Report - Summary

As part of the WDNR MS4 permit, the City of Two Rivers is required to prepare, review and submit an annual report of stormwater related activities which identify our progress related to permit requirements and working on improving water quality in the waterways in and around the city.

Parts of the WDNR MS4 permit pertain to:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control (Erosion Control)
- Post Construction Storm Water Management
- Pollution Prevention
- Minimum Control Measures (Maps), and
- Fiscal Analysis

Since I came on-board in 2022, the EAB educational series is a great addition to promoting awareness towards stormwater improvements. Between the four (4) committees, boards and commissions that I sit on, it is encouraging to hear about the active interest the groups have in learning more about stormwater. These items are identified as part of the Public Involvement and Participation section of the report.

Public Works performed 30 outfall inspections as part of meeting a portion of the IDDE permit requirements and investigated two (2) potential illicit discharges. One was an unknown substance spilled on the parking lot at Vets Park. We spread sand on it and swept it up. The other was the release of diesel fuel that made it's way into a storm catch basin. The catch basin



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sump was deep enough to prevent the fuel from flowing downstream and into the East Twin River. The fuel was removed out of the catch basin and disposed of.

There were several home construction projects that were underway within 2024 including the Roosevelt Avenue Street Reconstruction project and the next phase of Sandy Bay Highlands Subdivision. As part of those construction projects, erosion control inspections were performed to insure that good management practices were installed and maintained during the duration of the project.

Post-Construction Stormwater Management pertains to improving water quality by capturing and ‘treating’ the storm water prior to being discharged into the waters of the State / US. In 2022, the Eggers (20<sup>th</sup> Street) Storm Water Facility (Pond) was substantially completed, providing additional treatment benefits within the City. Final punch list items and appropriate plantings were completed in 2024. Public Works also carried out an inspection of the other nine (9) storm water facilities located throughout the city to ensure that they are still in good working condition.

The Pollution Prevention portion of the permit requires the city to look at our own facilities, such as the public works shop and monitoring implementation of good housekeeping practices to aid in minimizing impacts to storm water prior to discharging to the waters of the State and US. Such practices may include having spill kits for petroleum product spilled on to the ground, aiding in preventing it from entering the storm sewer system and the ability to clean it up. Similarly how we store equipment and materials again trying to minimize the discharge of undesirable materials from entering the storm sewer system.

Street sweeping, leaf collection, storm inlet / catch basin cleaning and minimizing the amount of sand and salt utilized during winter road maintenance (snow plowing) activities are also documented to show that we are again trying to minimize the overall quantity of pollutants from discharging into the waters. Public Works purchased a brine sprayer in 2023 to pretreat the roadways to aid in minimizing salt application and usage.

It also shows that we are providing sufficient financial funds towards meeting our MS4 permit requirements.

Public Works has a paper “draft copy” of the report and attachments that will be included within the electronically submitted annual MS4 Report prior to the end of March. The draft report is available for review at the Engineering counter located on 2<sup>nd</sup> floor of City Hall. Public Works is requesting authorization to sign and submit the report by the end of March to remain in compliance with our WDNR MS4 permit.



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