



Public Works – Clean Water Plant

600 Sentry Dr
Waukesha, Wisconsin 53186

Alex Damien, P.E.,

Director

adamien@waukesha-wi.gov

1-262-524-3625

June 8, 2023

Board of Public Works

Alex Damien, Director of Public Works

Subject: Compliance Maintenance Annual Report

Attached is a copy of the 2022 operating year DNR Compliance Maintenance Annual Report. There are ten categories that we are evaluated on: Influent Loading; Effluent Biological Oxygen Demand (BOD) Quality; Effluent Total Suspended Solids Quality; Effluent Ammonia Quality; Effluent Phosphorus Quality; Bio-solids Management; Preventive Maintenance and Staffing; Operator Certification; Financial Management; and Collection Systems. For the seventh year in a row a score of an “A” was achieved in all ten of the categories resulting in an overall combined score of 4.0.

Upgrades to the tertiary treatment for low level phosphorus removal have been completed and the plant has been operating with consistently high removal rates averaging less than the new Root River limit of 0.06 mg/L. We are still having difficulty meeting our new interim chloride limits exceeding them 7 of the 12 months in 2022. However, with the transition to Lake Michigan water, and the continuation of our softener optimization program, we expect those occurrences to decrease.

We had three reported Sanitary Sewer Overflows (SSO) for the collection system in 2022. One the result of a leak in a force main. The other two were results of vandalism. We also had two Treatment Facility Overflows (TFO) in 2022. One was the result of sewer lining project along the river that heavy rainfall caused a surge of inflow from the river into the CWP. The other was the Christmas Eve pipe leak at the CWP. The city continues to put forth efforts to improve the collection system to reduce the potential for SSO's.

We appreciate the support of all City Departments and the Board of Public Works in our efforts.

Sincerely,

Wastewater Staff

Department of Public Works