



Agenda Action Form Overview

The Board is requested to review the NC Division of Water Infrastructure Application for Funding for the Triangle WWTP Rehabilitation and Upgrade Project, authorize the Chair to sign the Resolution for submission, and authorize the County Manager to complete the Certification and sign the application. A copy of the application which includes the Resolution is attached.

Background/Justification

The proposed project is to replace and/or upgrade existing assets at the Triangle Wastewater Treatment Plant that have either become obsolete or require maintenance beyond routine service recommendations by the manufacturer. The improvements will address concerns related to structural integrity of existing concrete structures and single points of failure with unit processes to improve the overall long-term performance and resiliency of the plant. Most of the equipment was installed in the early 2000's which is approaching its useful design life. The Preliminary Engineering Report includes visual mechanical, electrical, and structural condition assessments, identified improvements based on risk assessment that accounts for the probability and consequences of failure, and presented preliminary design recommendations. This funding application is to assist with the cost of the recommended rehabilitation and upgrade projects.

Policy Impact

No Policy Impact. This action is in accordance with Durham County Strategic Plan Goal 1 "Community and Family Prosperity and Enrichment," as well as supporting Strategic Plan Goal 4 "Environmental Stewardship."

Procurement Background

The Application for Funding from NCDWI would be for a low interest loan if the proposed project does not meet requirements for a grant.

Fiscal Impact

The proposed project will cost approximately \$30,000,000.

Recommendation

The County Manager recommends that the Board review the NC Division of Water Infrastructure Application for Funding for the Triangle WWTP Rehabilitation and Upgrade Project and sign the Resolution for submission and approve the County Manager to complete the Certification and sign the application.