

Wisconsin Department of Natural Resources

Intent To Apply (ITA) / Priority Evaluation and Ranking Form (PERF)

Form : Intent to Apply

Program : Clean Water Fund Project (CWFP)

Year : 2021

Applicant		
Name : LA CROSSE, CITY OF County(ies) : La Crosse Address : 400 La Crosse Street La Crosse - WI - 54601 Phone No : 608-789-7505	Municipal Official or Municipal Authorized Representative Name : Bernard Lenz Title : Utilities Manager Direct Phone No : 608-789-7588 Email : lenzb@cityoflacrosse.org	Main Contact Name : Jared Greeno Title : WWTP Superintendent Address : 400 La Crosse Street La Crosse - WI - 54601 Direct Phone No : 608-789-7322 Email : greenoja@cityoflacrosse.org
Consulting Engineer		
Firm Name : DONOHUE & ASSOCIATES Address : 3311 Weeden Creek Road Sheboygan - WI - 53081 Phone No : 920-208-0296	Contact Person at Consulting Firm : Name : Eric Lynne Title : Engineer Direct Phone No : 952-920-1811 Email : elynne@donohue-associates.com	
Project Information		
Existing Project Number : 4105-03 Is this a Pilot Project? A Pilot Project is an adaptive management project, water quality trading project, or other non-traditional project for compliance with a municipality's WPDES permit (i.e. not a wastewater treatment plant upgrade or collection system project) : No Facility Plan Submittal Date : 03/30/2020 Plans & Specifications Submittal Date : 09/30/2020 Construction Start Date : 05/01/2021 Construction End Date : 09/01/2023 List all municipalities if a joint project, or partners if a CWFP Pilot project :		
Project Description		

Project Description

Reason for this project including the problem to be solved :

Improvements to address system deficiencies for condition, efficiency, capacity, and regulatory limitations.

Main project driver is phosphorus compliance.

Overall scope of this project :

Replacement equipment for continued treatment performance. New sludge handling equipment and tanks increased organic loading capacity. New tertiary filtration and chemical addition for phosphorus compliance.

Significant portions of the project :

One new raw wastewater fine screen to replace existing comminutors.

Revisions to biological phosphorus removal, final clarifier mechanism replacements, and addition of new tertiary chemical addition and disc filter technology to provide low-level treatment of phosphorus to comply with WQBEL. Energy efficiency improvements to selector zone mixing and air flow control systems.

New sludge thickening equipment, digester mixing systems, and biogas to electricity cogeneration.

Replacement sludge dewatering system and additional liquid and cake biosolids storage.

Nickname :

WWTP Phosphorus Improvements

Explain any modifications, additions or deletions to this project since the last ITA submitted:

Project Cost Estimates

CWFP Categories	Project Costs (in \$)	EPA Treatment Works Categories	Project Costs (in \$)
Compliance Maintenance :	36,000,000.00	Secondary Treatment :	36,000,000.00
New/Changed Limits :	19,500,000.00	Advanced Treatment :	19,500,000.00
Unsewered :	0.00	Infiltration/Inflow :	0.00
Stormwater, WPDES Permitted :	0.00	Sewer Rehabilitation :	0.00
Stormwater, non-WPDES Permitted :	0.00	New Collecting Sewers :	0.00
Violator :	0.00	New Interceptor :	0.00
Septage receiving & treatment :	0.00	Combined Sewer Separation :	0.00
Pre-Adaptive Management Pilot :	0.00	Stormwater, WPDES Permitted :	0.00
Pass Through Program Pilot :	0.00	Stormwater, non-WPDES Permitted :	0.00
CWFP Total Project Costs:	55,500,000.00	EPA Total Project Costs:	55,500,000.00

Source of cost estimates :

Facilities Plan

Other Funding Sources :

Submitted By	DNR Use Only
First Name : Eric Last Name : Lynne Title : Project Engineer Email Address : elynne@donohue-associates.com Phone : 952-920-1811 Date Submitted :	Project Number : 4105-03 Project Description : Replace Equipment for Phosphorous Compliance Region : West Central Region Project Manager : Matt Marcum (MARCUM) CME : Mike Blodgett (BLODGM) Adjusted MHI : \$ 42,243.00 Population : 52,197 Date Accepted : Status : DRAFT

The Official Internet site for the Wisconsin Department of Natural Resources
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