

## Form : Intent to Apply

## Program : Clean Water Fund Project (CWFP)

Year : 2020

### Applicant

Name : LA CROSSE, CITY OF County(ies) : La Crosse Address : 400 La Crosse Street La Crosse - WI - 54601 Phone No : 608- 789-7505 Fax No :	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 : 905 Joseph Houska Park Dr La Crosse - WI - 54601 Direct Phone No : 608-789- 7322 Email : greenoja@cityoflacrosse.org
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### Consulting Engineer

Firm Name : DONOHUE & ASSOCIATES Address : 3311 Weeden Creek Road Sheboygan - WI - 53081 Phone No : 920-208-0296 Fax No : 920-208-0402	Contact Person at Consulting Firm : Name : Eric Lynne Title : Engineer Direct Phone No : 920-803-7375 Email : elynne@donohue-associates.com
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### Project Information

Existing Project Number : DNR will assign number for new projects  
Pilot Project : No  
Facility Plan Submittal Date : 12/28/2018  
Plans & Specifications Submittal Date : 09/30/2019  
Construction Start Date : 01/01/2020  
Construction End Date : 05/01/2022  
List all municipalities if a joint project, or partners if a CWFP Pilot project :

### 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.

Nick Name :  
 WWTP Phosphorus Improvements

**Project Cost Estimates**

CWFP Categories	Project Costs EPA Treatment Works (in \$) Categories	Project Costs (in \$)
Compliance Maintenance :	26,000,000.00	Secondary Treatment : 26,000,000.00
New/Changed Limits :	14,000,000.00	Advanced Treatment : 14,000,000.00
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:	40,000,000.00	EPA Total Project Costs: 40,000,000.00
Source of cost estimates : Facilities Plan		

**DNR Use Only**

**Submitted By**  
 First Name : Eric  
 Last Name : Lynne  
 Title : Engineer  
 Date Submitted : 10/31/2018

Project Number :  
 Project Description :  
 Region : West Central Region  
 Project Manager :  
 Basin Engineer :  
 CME :  
 Plan Reviewer :  
 Adjusted MHI : \$ 40,899.00  
 Population : 52,282  
 Date Accepted :  
 Status : SUBMITTED