



Clean Water State Revolving Fund

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LOUISIANA DEPARTMENT OF **ENVIRONMENTAL QUALITY**
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Background

- Clean Water State Revolving Fund (CWSRF)
 - Created in 1987 by addition of Title VI to Clean Water Act (CWA)
 - Regulations (1990) per 40 CFR 35.31
 - Water Resources Reform and Development Act (WRRDA), 2014



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Program Purpose

- Below market interest loans for projects necessary to
 - Comply with requirements of Clean Water Act
 - Protect public health



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CWSRF Eligibilities

1. Constructing Publicly Owned Treatment Works (POTW)
2. Nonpoint Source
3. National Estuary Program Projects
4. Decentralized Systems
5. Stormwater Management
6. Reducing the Demand for POTW Capacity through Water Conservation, Efficiency, and Reuse
7. Watershed Pilot Projects
8. Reduce Energy Consumption for POTW (i.e. Energy Efficiency)
9. Reusing or Recycling Stormwater, or Subsurface Drainage Water
10. Security Measures at POTWs
11. Technical Assistance for Owners/Operators of small/medium POTWs

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Green Project Reserve (GPR)

- 4 basic categories for GPR
 - Water efficiency improvements
 - Energy efficiency improvements
 - Green infrastructure
 - Environmentally innovative activities



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GPR Projects

- GPR – Water Efficiency (Wastewater Reuse)



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02/05/2016



GPR Projects

- GPR – Energy Efficiency



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Non-Point Source Projects

○ Cistern & Rain Garden



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Non-Point Source Projects



- WWTP Green Landscape Buffer



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Non-Point Source Projects



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○ Permeable Pavement



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Non-Point Source Projects

○ Stormwater Runoff – Natural Filtration



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WHAT HAPPENS TO THE RUNOFF?

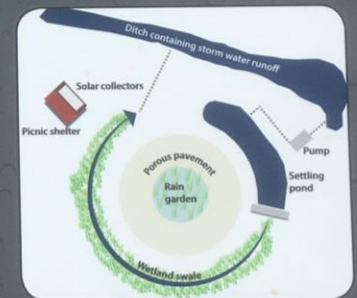
If you are like most people, you probably don't think about what happens to rainwater "runoff" after it falls onto our houses, yards, and driveways. As runoff moves across roofs, lawns and paved surfaces, it picks up and carries natural and human-made pollutants, finally depositing them into lakes, rivers, wetlands, coastal waters and ground waters. This is known as a type of "nonpoint source" pollution, which means that the pollutants come from many different sources and places. Nonpoint source pollution can include: excess fertilizers, herbicides and insecticides from agricultural lands and residential areas; oil, grease and toxic chemicals from urban runoff and energy production; sediment from improperly managed construction sites, crop and forest lands, and eroding streambanks; and, bacteria and nutrients from livestock, pet wastes and faulty septic systems. **Nonpoint source pollution is the leading remaining cause of water quality problems. It has harmful effects on drinking water supplies, recreation, fisheries and wildlife.**

HOW NINETY WEST PARK HELPS GRAND ISLE'S WATER QUALITY

This small parcel of land was conceived primarily as a place that would help filter and "clean" some of the island's runoff. The park's designers studied the flow of water across the central part of the island and realized that a substantial amount of storm water runoff is concentrated in the ditch along the northern edge of Ninety West Park. Since the water in the ditch had likely flowed across various surfaces and picked up pollutants and contaminants along the way before entering the ditch, the designers figured an opportunity to filter this water would make a positive impact on water quality released into the bay.

The strategy for filtering the water is actually pretty simple: use the natural abilities of plants to absorb and filter pollutants as the water flows past the roots, stems and leaves. First, the water from the ditch is pumped into a small settling pond. Water is then distributed through a pipe in the small concrete dam. The water then follows a circular path where wetland plants use biological processes to filter the water before it exits back into the ditch. The pump is powered by the sun via panels mounted atop the picnic shelter. Other features demonstrate low-impact techniques: porous pavers, reinforced gravel parking, a rain garden, and native plantings that all help to absorb and filter runoff from storms.

This park was made possible by the Department of Environmental Quality, the Environmental Protection Agency, and the Town of Grand Isle. Park design by G.E.C., Inc. with LA Contracting Enterprise, LLC as the general contractor.



Ninety West Park Schematic

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How to Apply?

- Website:
www.deq.Louisiana.gov/cwsrf
- Google: Louisiana CWSRF
- Click Apply Now
- Pre-application
- Resolution
- Planning Area Map

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WATER

WATER

PERMITS 

ENFORCEMENT 

SURVEILLANCE

ASSESSMENT 

MONITORING 

PROGRAMS 

RESOURCES 

FAQ

Clean Water State Revolving Fund

The Louisiana Department of Environmental Quality administers the Clean Water State Revolving Fund (CWSRF) Program. This program provides financial assistance in the form of low interest loans to finance eligible projects, bringing them into compliance with the requirements of the Clean Water Act. Funding for this program is provided by federal grants and match funds generated by the program's interest and loan repayments. Interest and loan repayments provide a permanent source for funding in future Louisiana projects.



Eligible projects include:

- Construction of publically owned treatment works;
- Implementation of a non-point source pollution management program; and
- Implementation of an estuary improvement program

APPLY NOW!

PERMITS ENFORCEMENT 

SURVEILLANCE

ASSESSMENT MONITORING PROGRAMS RESOURCES 

FAQ

Clean Water State Revolving Fund Application

How To Apply

To apply, please submit an RF-100 Pre-application and the La Water/Wastewater Joint Funding Committee (LWWFJC) Intent to File Application (only the first two files in the list below), with the resolution and other required information. Submission of a pre-application provides information to our staff about a proposed project and does not obligate the applicant to submit any additional materials unless he/she has decided to proceed with a project utilizing CWSRF funding.

If you would prefer, you may contact the CWSRF staff and request an information meeting. Our staff can explain the engineering, environmental, and financial program requirements, typical project schedules, and current loan terms and conditions. We will provide pre-application materials and assistance in completing them, and offer assistance with any situations that might need special attention.

You may obtain the RF-100 Pre-application and instructions below. Mail the completed form and other required information to us. Our staff is available to answer questions or assist with any problems that may be encountered.

Due to the time required and expense involved in preparing the documents that are needed for the actual Loan Application, we strongly suggest that applicants should not proceed beyond submission of a Pre-application and Letter of Intent without a meeting with our staff.

Related Application Forms:

- Pre-application RF100 (UPDATED 02/13/2019): [Form](#) | [Instructions](#) | [Sample Resolution](#)
- LWWJFC Intent to File Application: [Form](#) | [Instructions](#)
- CWSRF Full Application Instructions: [Word Document](#) | [PDF](#)
- CWSRF Full Application: [Attachment A](#) | [Attachment B](#) | [Attachment C](#) | [10-year forecast example](#)
- [EPA Form 5700-49](#)
- [Form W-9](#)
- [Transparency Act Reporting Information](#)



CWRF-100
Updated 02/13/2019

**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**



CLEAN WATER STATE REVOLVING FUND



LOAN PRE-APPLICATION

[Louisiana Department of Environmental Quality
Office of Environmental Assessment
P. O Box 4314
Baton Rouge, LA 70821-4314]



Part D: Non-Point Source and Estuary Projects

1. Describe the proposed non-point source or estuary project:



Part E: Proposed Project

1. Describe the proposed project. If treatment plant construction is proposed, give the design average daily flow (MGD) and effluent limits. If the project is to construct a new treatment plant, the proposed receiving stream and discharge location should be given (if known). If a current discharge is to be relocated, please provide as many details as possible.

2. For the project described above, give the estimated construction cost for each of the following categories:

Secondary treatment	Category I	\$
Advanced treatment	Category II	\$
Infiltration/Inflow Correction	Category IIIA	\$
Major Sewer System Rehab	Category IIIB	\$
New Collector Sewers	Category IVA	\$
New Interceptor Sewers	Category IVB	\$
Storm Water Management	Category VI-A/B	\$
Non-Point Source	Category VII	\$
Energy Conservation	Category GPR	\$
Water Conservation	Category GPR	\$
Estuary Management	Category XI	\$
TOTAL:		\$

3. Total estimated project costs:

Total Construction Cost	\$
Engineering Cost	\$
Legal Cost	\$
Other Costs (state)	\$
Contingencies	\$
Total Project Cost	\$

4. What is the anticipated financing through CWSRF? _____

5. List any other funding sources (including approximate amount) that are being utilized to finalize this project? _____



Eligible Costs

- Costs for engineering, design, construction, legal & monitoring fees
- Costs incurred prior to loan closing are reimbursable
- Real estate transactions are usually not eligible



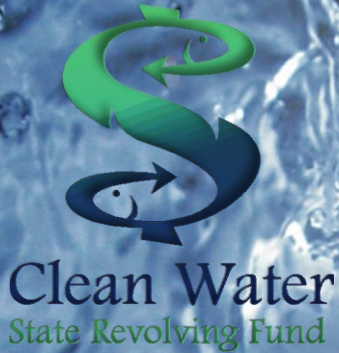
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Applied – Now What

www.deq.louisiana.gov/cwsrf

- Pre-application Evaluated / Scored
- Project is placed on Priority List
- Projects selected for funding,
 - applicant must complete pre-construction requirements





Pre-construction Requirements

- Planning & Environmental
- Design
- Financial Review
- Loan Closing



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Pre-Construction Requirements

- Planning & Environmental
 - Categorical Exclusion, or
 - Full NEPA (FONSI)
 - Requires Preliminary Engineering Report (PER) & Environmental Information Document (EID)
- Design
 - Plans & Specifications
 - Include CWSRF requirements (i.e. DB, AIS, DBE, etc.)
 - Engineering Contracts
- Financial Review
 - Local Funding Ordinance
 - State Bond Commission Approval
 - Full Application & Attachments



Loan Closing

- Technical
 - Environmental Complete
 - Engineering Contract
 - Plans & Specs Submitted
- Financial
 - Bond Commission Approval
 - Financial Approval
 - 1st Payment Request Received



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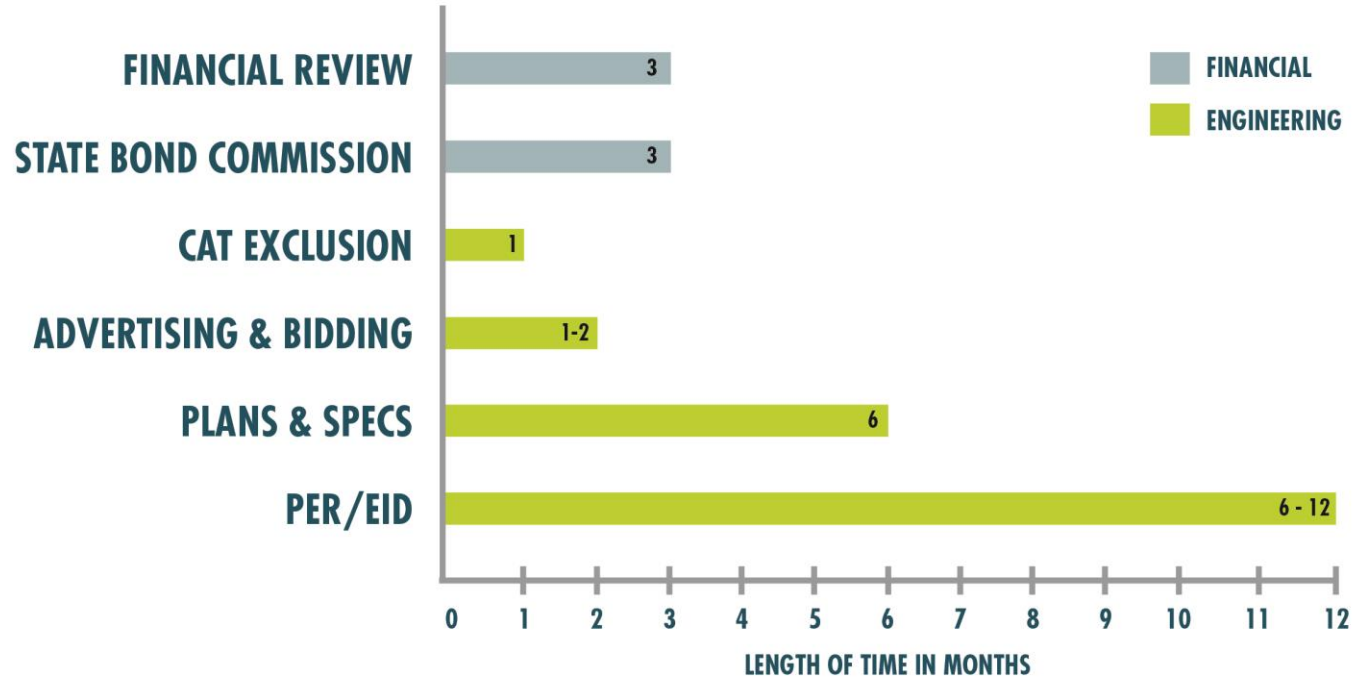


Average Timeline



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TIMELINE



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Construction Requirements

- Periodic Inspections
- Document Review
 - Certified Payrolls
 - American Iron & Steel Certifications
- Change Orders
- Payment Requests

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Project Closeout

- Substantial Completion
- Final Inspection
- Clear Lien Certificate
- Final Acceptance (from Loan Recipient)



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Contacts



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www.deq.louisiana.gov/CWSRF

- Sierra Trabeau, Program Manager
 - (225) 219-3871
 - sierra.trabeau@la.gov
- Scott Templet, P.E., Engineer Manager
 - (225) 219-3463
 - scott.templet@la.gov

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