

# LOUISIANA

## Drinking Water Revolving Loan Fund



**DRINKING WATER  
REVOLVING LOAN FUND**  
A PROGRAM OF THE DEPARTMENT OF HEALTH



### *SFY 2016* **Capacity Development Annual Report**



## Introduction

The 1996 amendments to the Safe Drinking Water Act (SDWA) added a new dimension to federal/state drinking water legislation called Capacity Development. Water system capacity is the ability to plan for, achieve, and maintain compliance with applicable drinking water standards. To achieve this goal, the Capacity Development Program is made up of three components: technical, managerial, and financial.

Louisiana, along with all other states began implementing a Capacity Development Program for new systems in January 1999 and for existing water systems in October 2000. As required by EPA, this report must be submitted to show the progress the Louisiana Department of Health (LDH) has made toward improving the technical, managerial, and financial capacity of public water systems in the state from July 1, 2015 to June 30, 2016.

## Drinking Water Revolving Loan Fund



The Capacity Development Program is a set-aside activity of the Louisiana Department of Health's Drinking Water Revolving Loan Fund (DWRLF). The DWRLF is a program dedicated to providing low interest loans to upgrade public water system infrastructure. The program helps water systems with the greatest need based on a priority point system and many other factors. To date, the Louisiana DWRLF has loaned over \$325,501,923 to fund construction projects across the state. In addition to Capacity Development, the DWRLF also funds the Operator Certification Program, the Public Water Supply Supervision Program, and the Small System Technical Assistance Program.

## New Systems

All new systems are required to submit engineering plans to LDH in order to obtain the permit necessary to construct proposed new water systems. The Capacity Development Coordinator is notified upon receipt of the engineering plans and forwards a copy of our Business Plan for new systems to the appropriate parties for completion. This Business Plan is designed to secure information from the applicant relative to technical, managerial and financial capacity. The technical questionnaire is reviewed by a member of the DWRLF engineering staff and the managerial and financial portions of the plan are reviewed by the Capacity Coordinator for the purposes of evaluation of the new system's capacity. Upon completion of all reviews, the responsible DWRLF staff members collaborate on the results of their individual reviews. Only when the proposed new system has satisfied capacity in all three areas of review, will the Capacity Coordinator provide the system with a permit letter allowing the new system to commence construction. In addition, all decision-making positions (i.e., board members, managers etc.) within the proposed new system are notified to attend the LDH approved management training program offered at locations throughout the state at various times per year. Upon completion of construction, LDH regional staff will work with the system to secure any samples required prior to allowing the system to begin operation and serve its customers.

LDH also secures a certification of significant completion from the engineer overseeing the design and construction of the system verifying that there were no significant deviations between actual construction and the plans as submitted.



During this reporting period, no new water systems applied for a permit to operate and construct.

## Existing Systems

The Louisiana Capacity Development Program is selecting twenty existing systems per quarter from violations data to undergo Capacity Assessment. A selected system goes through a capacity assessment conducted by our staff which includes the submittal of a business plan by the system. The most recent sanitary survey will be used as part of the assessment, however a sanitary survey may be conducted as part of the assessment depending upon the date of the last survey. The management training database is reviewed to insure that all decision makers affiliated with a selected system have undergone training. Those persons not having completed the training are notified to attend a training session within six months of the date of notification. In the past

fiscal year, a total of 285 attendees were added to the management training database. These attendees were trained by Technical Assistance Providers approved by the state. Another part of the Capacity Assessment process involves insuring the system is being operated by a certified operator. Approximately 9787 operators attended 557 training sessions receiving 106,274 hours of training during the 2016 fiscal year. LDH administered 10 exams in FY16. LDH also had contracts with the Louisiana Rural Water Association and LA Conference on Water, Sewage, and Industrial Wastes. Each of these entities conducted six training classes geared towards Very Small Water Systems.

## Loan Systems

Any public water system requesting financing thru the Louisiana Drinking Water Revolving Loan Fund is required to submit a Business Plan to the Capacity Development Coordinator to ensure the proposed project has the technical, managerial, and financial capacity to improve the public water supply for the citizens of Louisiana.

During this reporting period, 6 systems submitted Business Plans and were approved by the Capacity Development staff. These systems include:

Point Wilhite Water System, Inc. Loan #2  
Iberville Parish WWD#3  
Avoyelles WWD #1  
Town of Jackson  
Town of Gramercy Loan #2  
Town of New Llano (increase of their existing loan)

# Challenges to Implementing Louisiana's Capacity Development Strategy's



The main problem facing the Capacity Development Program in Louisiana is the lack of consolidation. Due to the over construction of many water systems throughout the state, local communities are unable to financially and technically support these water systems. Also, many of the systems that have been placed on the non-compliance list are small rural systems located in poor communities. With the help of the Louisiana Capacity Development Program, these small systems have tried to eliminate the problems they have encountered but are unable to meet the financial burden placed upon them by new EPA regulations. To ensure safe and affordable drinking water for the citizens of Louisiana, LDH continues to encourage the merging of these systems to share costs and ensure compliance with the Safe Drinking Water Act.



# Status of Louisiana's Capacity Development Strategy

The Louisiana Capacity Development Program has enhanced the existing system capacity selection process via our Simplified Business Plan, which solicits information relative to the technical, managerial, and financial capacity of the systems selected. In addition, the Business Plans and assessments are now being delivered to selected systems by DWRLF engineers and sanitarians that are trained to assist these systems in completion of the requested information. LDH is also utilizing marketing, conferences, and any other type of communications/publications to inform the target population of the benefits of going through the Capacity Development Program. These approaches seem to be working, because it has become commonplace for water systems to request a Capacity Development Review. The Capacity

Development Program, through its management training program, presents all new regulations and their interpretation to systems throughout the state. LDH measures the effectiveness of its Capacity Development Program by monitoring the number and nature of violations being detected on systems that have undergone capacity reviews. In addition, DWRLF expects to see some reduction in violations due to the increased promulgation of information on new regulations due to the operation of this program. In the future, the Louisiana Capacity Development Program will continue to build partnerships between the state and local water systems through the three components of technical, managerial, and financial capacity to ensure safe drinking water for every citizen of the State of Louisiana.

