

**State of New Jersey
Department of Environmental Protection
Division of Water Supply and Geoscience
Bureau of Safe Drinking Water**

Capacity Development Program

**ANNUAL REPORT ON
ONGOING IMPLEMENTATION
OF THE
CAPACITY DEVELOPMENT PROGRAM**

Period of July 1, 2014 to June 30, 2015



September 2015

Chris Christie
Governor

Kim Guadagno
Lt. Governor

Bob Martin
Commissioner

CAPACITY DEVELOPMENT IMPLEMENTATION REPORT

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Introduction

The 1996 Amendments to the Federal Safe Drinking Water Act (SDWA) focused on promoting the technical, managerial and financial (TMF) capacity of public water systems to comply with the National Primary Drinking Water Regulations. These amendments also required states to prepare an annual report documenting the ongoing implementation of the Capacity Development Program for addressing capacity determinations for new systems and the application of an approved strategy for existing public water systems.

In accordance with Section 1420(a) of the SDWA, which requires each state to have the legal authority to assure that all new community and non-transient non-community water systems demonstrate adequate technical, managerial and financial capacity, the New Jersey Safe Drinking Water Act (N.J.S.A. 58:12A) was amended on August 2, 1999 (P.L. 1999 Chapter 176). The New Jersey Department of Environmental Protection (Department) subsequently adopted regulations at N.J.A.C. 7:10-13 which established the requirements to assure that all new public community and non-transient non-community water systems have adequate capacity. In addition each state is required to develop and implement a strategy to assist existing systems in acquiring and maintaining capacity. The United States Environmental Protection Agency (USEPA) approved the Department's first Capacity Development Strategy on September 28, 2000, which was subsequently updated in August 2009.

In the 1996 amendments to the SDWA, Congress ensured that each State would establish a Capacity Development Program by tying capacity development to the Drinking Water State Revolving Funds. If New Jersey had not obtained legal authority to ensure that all new community and new non-transient non-community water systems demonstrate technical, managerial and financial capacity (Section 1420(a)), or had not developed and implemented a Capacity Development Strategy (Section 1420(c)), New Jersey would receive only 80 percent of its Annual Capitalization Grant allotment from the USEPA (Section 1452(a)(1)(G)). This means that New Jersey's allocation of funds for the Drinking Water State Revolving Fund and set-asides would have been reduced by up to \$3-4 million dollars per year.

This report will review the activities conducted by the Department's Bureau of Safe Drinking Water (Bureau) from July 1, 2014 through June 30, 2015 regarding implementation of the Capacity Development Program.

New System Approval – Community Water Systems

Community Water Systems

The Department did not add any new community water systems to its inventory of public water systems during the period of July 1, 2014 through June 30, 2015. To date,

no new community water system proposals have been denied approval based on TMF requirements.

New System Approval – Non-Transient Non-Community Water Systems

Non-Transient Non-Community Water Systems

New Jersey added thirteen (13) non-transient non-community water systems to its inventory of public water systems during the period of July 1, 2014 through June 30, 2015. Two (2) of the thirteen (13) systems were newly constructed or their infrastructure was expanded such that they were classified as a non-transient non-community water system and consequently require a TMF review under New Jersey Safe Drinking Water Act Regulations at N.J.A.C. 7:10-13. The two (2) systems are pending TMF approval by the Department.

The remaining eleven (11) systems did not meet the definition of “new system.” Eight (8) of these systems were existing transient non-community water systems that were reclassified to non-transient non-community water systems. One (1) system was an existing community water system that was reclassified to non-transient non-community water system. Two (2) systems were newly activated as non-transient non-community systems, but these systems had existing infrastructure that was constructed prior to the August 21, 2000 effective date of TMF capacity requirements pursuant to Subchapter 13 of the New Jersey Safe Drinking Water Act. Table 1 lists the non-transient non-community water systems added to the water system inventory.

Table 1
New Non-Transient Non-Community Water Systems
And Pending TMF Approvals
 July 1, 2014 – June 30, 2015

PWSID No.	SYSTEM NAME	START DATE	COMMENTS
0255306	Rockleigh Country Club	09/18/2014	Existing infrastructure; Activated as a NT system on 09/18/2014; No TMF required
0329320	Aspen Physical Therapy	10/01/1990	Existing infrastructure; Reclassified T to NT on 01/28/2015; No TMF required
1106364	Saint Peter Lutheran Church	05/26/2009	Existing infrastructure; Reclassified T to NT on 05/29/2015; No TMF required
1311001	US Army Fort Monmouth	06/01/1977	Existing infrastructure; Reclassified CWS to NT on 10/08/2014; No TMF required
1319495	Oak Glen Plaza	02/01/2015	New infrastructure; TMF approval pending; requested submittal of TMF Capacity Form on 03/23/2015
1319496	5 Points Business Park	02/01/2015	New infrastructure; TMF approval pending; requested submittal of TMF Capacity Form on 07/06/2015

PWSID No.	SYSTEM NAME	START DATE	COMMENTS
1413304	Harold A Thorpe	03/01/1982	Existing infrastructure; Reclassified T to NT on 03/31/2015; No TMF required
1432349	Plaza 415 Condo Association	02/01/1995	Existing infrastructure; Reclassified T to NT on 03/11/2015; No TMF required
1514354	Learning Ladder II	02/25/2015	Existing infrastructure; Activated as a NT system on 02/25/2015; No TMF required
1910334	Audi Volkswagen Newton	03/01/2002	Existing infrastructure; Reclassified T to NT on 03/27/2015; No TMF required
1914303	McDonalds Restaurant	03/01/1982	Existing infrastructure; Reclassified T to NT on 07/17/2014; No TMF required
1918309	350 Complex Well B	07/01/1990	Existing infrastructure; Reclassified T to NT on 07/16/2014; No TMF required
1918310	350 Complex Well A	07/01/1990	Existing infrastructure; Reclassified T to NT on 07/16/2014; No TMF required

Key: ***PWSID** – public water system identification number assigned by the Department based on the location of the water system; **CWS** — community water system; **T** — transient non-community water system; **NT** — non-transient non-community water system; **TMF**— technical, managerial & financial*

To date, no new non-transient non-community water system proposals have been denied approval based on TMF requirements.

Work Plan Activities

The Capacity Development Program SFY 2015 Work Plan was submitted to USEPA on May 19, 2014. The following is a list of tasks included in the Capacity Development Program SFY 2015 Work Plan and a review of New Jersey's accomplishments and projected tasks for the year:

- 1. Prepare the SFY2014 Annual Report that documents the ongoing implementation of the capacity development program for addressing capacity determinations for new systems and the application of a focused effective strategy for existing public water systems. This report is due by August 2014.**

The SFY2014 Annual Report was finalized and sent to USEPA on July 25, 2014.

- 2. Prepare the Governor's Report that is a report to the Governor, required every three years, on the effectiveness of the State's Capacity Development Strategy and progress made towards improving the technical, managerial, and financial capacity of public water systems. This report is due by September 30, 2014.**

The Governor's Report was finalized and sent to the Governor on September 30, 2014.

- 3. Continue process of conducting capacity evaluations for the community and non-community water systems identified on the 2013 Strategy List. This will be performed on an ongoing basis and will continue for a 3 year cycle until a new List is drafted.**

The 2013 Capacity Development Strategy List has a total of nineteen community water systems and one non-community water system listed. The new List was published in August 2013. The Status of Activities for Systems on the 2013 Strategy List can be found in Appendix I.

In SFY2015, two community (2) systems, Ocean Gate and North Shore, were removed from the 2013 List as No Further Action was needed, for a total of four (4) systems removed from the 2013 List. Two (2) of the remaining sixteen (16) systems have made progress but will continue to be monitored by the Capacity Development Program. Two (2) systems have submitted design plans and specs in order to apply for a DWSRF loan for system improvements. Staff continues to work with the remaining 16 community water systems utilizing the Evaluation & Benchmark Criteria Assessment Form, in house information in our databases and site visits.

- 4. Provide direct technical assistance to those water systems that fail to demonstrate adequate technical, managerial, and financial capacity. This function will be performed on an ongoing basis and will attempt to cooperatively incorporate the use of technical, managerial, and financial assistance. Technical assistance will include direct consultation to assist targeted water systems to comply with existing regulations regarding construction and operation. Managerial and financial assistance will attempt to incorporate the concepts of Asset Management to establish water system priorities in maintaining, refurbishing, and replacing needed infrastructure. Once these priorities are determined, the water system can then develop meaningful projections of expenses and evaluate how to garner the revenues needed to effect improvements. USEPA's Simple Tools for Effective Performance (STEP) Guide Series, Check Up Program for Small Systems (CUPSS), or similar tools/software will be used when appropriate. The program anticipates becoming involved in meaningful rate setting discussions, when needed, so that targeted water systems can themselves determine how best to accrue the funds required to maintain their water system. This will be performed on an ongoing basis.**

During SFY2015, staff performed background research, conducted TMF capacity evaluations and site visits, and facilitated meetings among system representatives

(e.g., owners, managers, licensed operators, and consulting engineers), regulatory agencies (e.g., enforcement inspectors, compliance managers, and permit reviewers), and/or representatives from other public water systems to identify/evaluate alternatives and approaches for developing system capacity.

The Capacity Development Program staff advised systems of the potential to use various asset management plan software and financial planning tools from the Environmental Finance Centers (EFC) such as AM KAN WORK!, Rate Check Up, EFC Financial Dashboard, and Utility Budgeting Workbook.

In SFY2015, two full-time staff assigned to the Capacity Development Program retired. These retirements have most significantly affected the day-to-day work of providing technical, managerial, and/or financial assistance to those systems identified on the Capacity Development Strategy List. The Bureau recently hired one replacement staff member, and is exploring the other staff resources to cover program needs. The Bureau recognizes that, currently, the workload exceeds the available staff resources needed to fully accomplish all goals within our Workplan.

5. Process technical, managerial, financial evaluations consistent with applicable State regulations (N.J.A.C. 7:10-13) for new community water systems, and non-transient, non-community water systems as identified by the Department and/or County Environmental Health Act (CEHA) agencies. This will be performed on an ongoing basis.

The Department did not add any new community water system to its inventory of public water systems during the period of July 1, 2014 through June 30, 2015.

New Jersey added thirteen (13) non-transient non-community water systems to its inventory of public water systems during the period of July 1, 2014 through June 30, 2015. Two (2) of the 13 systems are pending TMF approval by the Department. These systems were newly constructed or their infrastructure was expanded such that they were classified as a non-transient non-community water system and consequently require a TMF review under New Jersey Safe Drinking Water Act Regulations at N.J.A.C. 7:10-13. The remaining eleven (11) systems did not meet the definition of "new system." Eight (8) systems were existing transient non-community water systems that were reclassified to non-transient non-community water systems, one (1) was an existing community water system that was reclassified to non-transient non-community water system, and two (2) systems were newly activated as non-transient non-community systems, but with pre-existing infrastructure that was constructed prior to the August 21, 2000 effective date of New Jersey Safe Drinking Water Act Subchapter 13 TMF capacity requirements. Please refer to Table 1.

- 6. Arrange for seminars, workshops, and/or webcasts to provide training on how to evaluate and develop technical, managerial, and financial capacity; implement asset management planning, utilize asset management tools such as CUPSS; and obtain stakeholder input on the revised capacity development strategy and capacity development benchmark document. This will be performed on an ongoing basis.**

The Bureau provided training on several capacity development-related topics in SFY2015. Two *CUPSS Software User Training* courses hosted by New Jersey Water Association were held (as two half-day sessions) in Monroe Township, NJ (Middlesex County) on September 9 and 16, 2014, and were well received by attendees. A presentation on *Asset Management* was made at the New Jersey Water Association (NJWA) Annual Meeting in Atlantic City, NJ on October 22, 2014. This association specializes in providing training and assistance to small water systems.

A presentation on *Capacity Development* was made at the Annual Rutgers University Safe Drinking Water Act Update course on January 29, 2015. This two-day course reaches a wide audience of water systems, laboratories, county health agencies and consultants and is always well-attended.

In SFY2015, the Department continued to participate in training provided by the agencies awarded annual USEPA grants for "training and technical assistance to improve water quality and enable small public water systems to provide safe drinking water." The American Water Works Association (AWWA), a sub-grantee of USEPA's small system grant, provided small system training on April 21 and 28, 2015; NJWA through its USEPA small systems grant provided three half-day Regulatory Update Training Sessions in April and May of 2015.

The Department continued to work with small systems to complete their Operations and Maintenance (O&M) manuals. In SFY2014, the Capacity Development section worked with USEPA small system technical assistance grant recipient Texas A&M Engineering Extension Service (TEEX) to provide hands-on training for small systems. In addition to assisting system complete their plans started in SFY2014, one addition O&M plan was completed in SFY2015.

- 7. Administer an executed contract with RCAP Solutions to provide half day training and one-on-one assistance to two water systems to draft a system O&M manual and an asset management plan. The contract was**

executed in SFY2014 and work will continue through the term of the contract until SFY2016.

On November 27, 2013, NJDEP entered into a \$25,000 fee for services contract with Resources for Communities and People Solutions (RCAP) to work with selected very small systems (i.e., homeowners associations) to 1) provide asset management training for a select group of small systems (i.e., homeowners associations), and 2) complete an asset management plan and operations and maintenance (O&M) manual for two systems. A kick off meeting was held on January 29, 2014. Training for the water systems was held on June 10, 2014 from 4 to 8 PM at the Sussex County Louise Childs Branch Library in Stanhope Borough. Of the four water systems that attended, one system, East Brookwood Estates (EBE) (Byram Township, Sussex County) was selected for RCAP to work with to draft an asset management plan and O&M manual. RCAP met with the EBE treasurer to prepare a system financial budget. In SFY2015, RCAP continued to work with this system to finalize the budget. NJDEP later selected Sussex Borough Water Department to be the second system to participate in this O&M Manual and Asset Management assistance. RCAP has contacted Sussex Borough Water Department.

Additionally, a small systems engineering initiative contract with New Jersey Water Association was renewed on March 14, 2014, using Small System Technical Assistance set-aside funds. This contract assists very small water systems that intend to apply for a Drinking Water State Revolving Fund loan. It provides funds and assigns engineers for the design and permitting of improvements at those small systems serving fewer than 3,300 residents. The scope of work includes: 1) the engineer and the system to work together on a preliminary asset management assessment of the water system, prepare a scope of work that reflects the information in the asset management assessment and provides the engineer's recommendations for needed improvements with the lowest cost alternatives; then 2) provide the necessary engineering services needed for small systems to apply to the DWSRF loan program, such as preparation of a planning document, design documents and loan applications. NJDEP will continue to administer this contract to assist participating systems.

In June 2014, NJWA published Request for Proposals (RFP) for engineers, and based on the proposals received, created lists of approved engineers (north and south). In July 2014, NJDEP advertised the availability of this program to systems serving fewer than 3,300 residents that are DWSRF loan eligible. In SFY2015, four systems were provided assistance under this contract. The four water systems are: 1) Little Brook Nursing Home (Lebanon Township, Hunterdon County), 2) Ocean Gate Water Department (Ocean Gate Borough, Ocean County), 3) Woodland Heights Homeowners Association (WHHOA) (West Milford Township, Passaic County), and 4) Village of Lake Glenwood (VoLG) (Vernon Township, Sussex County). Asset management assessment reviews were completed for Ocean Gate, WHHOA, and

VoLG. Two systems are on the FFY2015 Priority List for DWSRF funding: 1) Ocean Gate – replacement of water mains, and 2) VoLG – well #1 and #2 treatment upgrades or new wells to correct GWR significant deficiency. Planning documents and design plans and specs were completed for both of these projects and VoLG has submitted all required permits.

10. Include in NJWA training courses (as contracted under the Operator Certification and Small Water System Technical Assistance programs), specific training sessions targeting a limited number of small public community water systems to provide hands on practical training to develop system O&M manuals and/or asset management plans. This will be performed on an ongoing basis through SFY2015.

A CUPSS software user training course was held in Monroe Township (Middlesex County), New Jersey (as two half-day sessions) on September 9 and 16, 2014. This was the first CUPSS user training given in New Jersey. The course included hands-on demonstrations, sample group training exercises, and the review of a homework assignment at the second session. The training was designed to assist water systems in developing asset management plans using the CUPSS software. The training and the format in which it was delivered were well-received by attendees. Therefore, we plan to conduct more CUPSS training sessions in SFY2016 and to utilize a similar format in developing a hands-on style course to assist systems in developing or updating O&M manuals.

Reporting Criteria

In this Section of the Report, the Department provides responses to the Memorandum from Cynthia C. Dougherty, Director, Office of Ground Water and Drinking Water, USEPA, Washington, D.C. dated June 1, 2005 and the questions highlighted in the prepared "Reporting Criteria for Annual State Capacity Development Program Implementation Reports" as follows:

- **Has the State's legal authority (statutes/regulations) to implement the New Systems Program changed within the previous reporting year?**

The Department's regulations (N.J.A.C. 7:10-13) pertaining to the requirements of technical, managerial, and financial (TMF) capacity for new community and non-transient non-community water systems were readopted without changes effective April 30, 2010. These rules will expire April 30, 2017.

- **Have there been any modifications to the State’s control points? If so, describe the modification and any impacts these modifications have had on implementation of the New System’s program.**

No changes have occurred in the past year. In 2006, the Department made a modification to one of the State’s control points: the Department began to issue PWSID identification numbers to new non-transient non-community water systems that commenced operation but have not satisfied the TMF requirements. This change allowed the Department to receive and process monitoring data for compliance evaluation purposes during the TMF review. Typically, when the Department assigns a PWSID number, the system is permitted to commence operation only after satisfaction of the TMF requirements. The limited application of this change has not adversely affected the Program.

- **Indicate whether any new system approved within the past three years under the Capacity Development Program has been on the Enforcement Targeting Tool (ETT) list.**

Of the ten water systems newly activated in the past three years, only one was on the current Enforcement Targeting Tool (ETT) List (July 2015), but this system has returned to compliance and currently has an ETT score of zero. The North Haledon First Presbyterian Church (1603304) was activated as a new non-transient non-community water system on July 5, 2012, but did not require a TMF evaluation because the existing infrastructure was constructed prior to August 21, 2000. This system was placed on the ETT list with one severity point for a Total Coliform Rule monitoring and reporting violation for the first quarter 2014, but the system had returned to compliance on June 19, 2014, and currently has an ETT score of zero.

- **Regarding the State’s approved existing systems strategy, which programs, tools, and/or activities were used, and how did each assist existing public water systems in acquiring and maintaining TMF capacity?**

The Department has observed improvements in public water system compliance and attributes this improvement to improved data management capabilities and the successful implementation of the efforts and mechanisms under the Capacity Development Program, the Enforcement Program, Small Water System Technical Assistance Program, and Operator Certification Program. The Capacity Development Program is making progress in addressing non-compliance which continues to promote TMF capacity.

The significant elements that have brought about a higher level of compliance are detailed in the Governor’s Report for calendar year 2014 and include:

- Zero Tolerance Policy;

- Operator Certification Program (extended to non-transient non-community water systems);
- Monitoring Schedules more readily available through the Department's website (via the Drinking Water Watch application);
- Technical Assistance by the Department;
- Violation evaluation;
- Improved data management;
- Maintenance of an accurate inventory of systems and the status/appropriateness of violations;
- Implementing the activities of the Capacity Development Strategy.

In SFY10, the Department began requiring water systems to submit drinking water data electronically through the Department's Electronic Environmental (E2) Reporting System. Certified drinking water laboratories submit the data on behalf of the water systems. Monitoring and reporting compliance has increased as a result of this reporting requirement. Recent enforcement of the mandatory reporting deadlines for test results has resulted in fewer monitoring and reporting violations.

- **How has the State continued to identify systems in need of capacity development assistance?**

The principal way that the Department identifies systems in need of capacity development is through the preparation of a Strategy List which identifies and prioritizes those public water systems most in need of capacity development. The Strategy List also enables the Department to prioritize the Program's resources for performing TMF capacity evaluations and providing assistance.

The 2013 Strategy List is located in Appendix I of this report. The List identifies 20 community and non-community water systems as priorities for receiving assistance from the Program to develop their TMF capacity. This list was compiled in July 2013 from a review of the compliance status during a 12 month timeframe, utilizing the ETT tool and also includes systems identified by referrals from the compliance, permitting, enforcement, and technical assistance bureaus within the Department.

Additionally, water systems with water quality issues and other problems in need assistance from the Department are prioritized by the capacity development staff.

- **What was the State's approach in offering and/or providing assistance if statewide public water systems capacity concerns or capacity needs have been identified?**

The Capacity Development Program continues to perform background research; conduct TMF capacity evaluations and site visits; develop improvement plans; and help systems implement those improvement plans. Staff have also facilitated

meetings among system representatives (e.g., owners, managers, licensed operators, and consulting engineers), regulatory agencies (e.g., enforcement inspectors, compliance managers, and permit reviewers), and/or representatives from other public water systems to identify/evaluate alternatives and approaches for developing system capacity. During these meetings, the Capacity Development Program relayed information on available tools and resources and provided training sessions at numerous locations and forums.

In order to improve water system operation, the Department has identified drinking-water related training needs for small water system owners and operators. By contract with the New Jersey Water Association, 25 training sessions were held in the past year to provide assistance to small water systems (those serving less than 10,000). A total of 1,094 individuals attended and 237 small systems were represented at these sessions. The current training contract calls for 70 training sessions to be held between January 1, 2014 and December 31, 2015 (51 sessions completed as of June 30, 2015). We are in the process of initiating a new contract with NJWA to provide for 70 additional training sessions to be conducted January 1, 2016 to December 31, 2017. In addition, the Department's 2013 contract with Rutgers University provides for a 50% tuition subsidy for drinking water related continuing education courses. This agreement, which originally covered the period July 1, 2013 to June 30, 2015, was recently extended through December 31, 2015. Meanwhile, we are in the process of initiating a new contract to continue this initiative through December 31, 2017. In SFY2015, 39 training courses were held in which five hundred thirty-one (531) operators attended at the reduced rate. Also, the Department executed an agreement with the New Jersey Section AWWA in SFY2014 to provide for ten training seminars over the next two years. One training session was held in SFY2015 under this agreement.

In addition, inventory information and monitoring schedules for all public water systems continue to be available through the Division of Water Supply and Geoscience's Drinking Water Watch application at <http://www.nj.gov/dep/watersupply/waterwatch>. These schedules are continually updated based on population changes, treatment installation, compliance status and error corrections. These schedules benefit the Capacity Development program because they inform the water systems regarding the type of compliance monitoring required and the associated sampling frequencies which help the systems maintain compliance. This tool benefits both the community water systems and non-community water systems alike.

In SFY2013, NJDEP conducted a rate survey of all public community water systems in New Jersey. The purpose of the rate survey was to collect information on water rates in the State and to help utilities benchmark their rates compared to other utilities. These data are currently for under review by the Department.

- **If the State performed a review of implementation of the existing systems strategy, discuss the review and how findings have been or may be addressed.**

The Program conducted a review of the process used to develop its Strategy List for existing systems in SFY2010 as discussed in the Work Plan Activities section of the 2010 report as well as Appendices I and III of the 2010 report. The Department will reevaluate the strategy on an ongoing basis, as needed.

- **Did the State make any modifications to the existing system strategy?**

No modifications have been made.

The Department plans to prepare a new Strategy list once every three years. This adaptation in preparing the Strategy List will continue and allows efforts regarding the TMF evaluation and improvement process to be implemented with more efficiency. This modification favorably affects the implementation of the Program by focusing efforts on TMF evaluations and technical assistance.

APPENDIX I

**CAPACITY DEVELOPMENT PROGRAM
STATUS OF ACTIVITIES FOR SYSTEMS ON
2013 STRATEGY LIST**

Status as of June 30, 2015

	PWSID#	PWS NAME	INITIAL REASON LISTED	CURRENT STATUS
	<i>Community</i>			
1	NJ0301001	Buttonwood Mobile Home Park	Deficiencies in all TMF areas: aging infrastructure, poor O&M, no licensed operator, not issuing CCRs, no storage (2 wells & auxiliary power, but no waiver requested/issued), no meter to measure flow, etc.	System has obtained a licensed operator, but overall management and finances inadequate. Currently working with System and Enforcement on installing a new well. Test well was drilled 07/01/2014. Sampling revealed high iron levels in raw water. Discussed treatment options with engineer, Permitting and Enforcement. DEP Permitting granted emergency approval for temporary treatment of sequestration and disinfection of two blended wells. Will reevaluate treatment in SFY2016.
2	NJ0339001	New Lisbon Developmental Center	Listed in 2007. Lead action level exceedances. Numerous monitoring and reporting violations (late & non-submittal).	Inspection of Upgraded Facilities and Close Out Report to file 06/05/14. NFA
3	NJ0612001	Bayshore Mobile Home Park	Listed in 2007. One well with nitrate MCL violations and second well with extremely high sodium levels exceeding the NJ secondary standards.	ACO closed. Improvements to wells and treatment completed. Included this system on RCAP SDWA Compliance List but system later declined to participate. Site visit conducted by Capacity Development staff and a detailed report is being documented.
4	NJ1013001	Hampton Borough	System lacks firm capacity, only has 1 operational well, and no approved contract for the interconnection with Glen Gardner.	Test well to be drilled, 2 bids came in too high for project and rejected. Borough plans to move the proposed new well to the only optimal location, 800' from original well location. Since it is 100' away from an existing well, assistance from NJGS requested to determine feasibility due to large fractures in existing well. This system is on the FFY2015 Final Project Priority List to obtain DWSRF funding, and is eligible for small system financing, for the construction of backup well #5.

5	NJ1414009	Mountain Shore Water Supply	Facility lacks auxiliary power, distribution system is antiquated, only 1 well. Financial problems.	Working with the water system to connect to the Jefferson Twp. water system. System experienced water emergency due to low pressure issues and installed temporary interconnection with Jefferson installed Sept. 2014. A permit for permanent interconnection and distribution main replacement approved. System submitted plans & specs and EDD issued Jan 2015. This system is on the FFY2015 Final Project Priority List to obtain DWSRF funding, and is eligible for very small system financing, for the replacement of 2,500 LF of water main and installation of 900 LF of water main to connect to the Jefferson Twp. water system.
6	NJ1438001	Cliffside Park Water Assoc Inc	Listed in 2007. Exceedances of NJ secondary standards for iron and manganese. Recent lead and copper Action Level exceedances. Corrosion control treatment system in use not permitted. Undersized mains and inadequate storage.	Storage waiver issued. System installed two new wells. ACO extended to decommission well #1. This system is also looking to sell to a larger private utility.
7	NJ1521001	Ocean Gate	Mains are 80+ years old, iron problems within the distribution system, and no financial capacity to maintain system.	System received assistance in applying for a DWSRF loan through the Engineering Initiative Contract. An asset management assessment was performed and the system is currently on the FFY2015 Final Project Priority List for replacement of water mains. Submitted planning documents and design plans and specs. NFA
8	NJ1904004	North Shore Water Association	Facility lacks auxiliary power, distribution system is antiquated, only 1 well. Financial problems. Leaking oil tank contaminated well and treatment was installed by Spill Fund.	Working with system on drilling a test well. Septic systems near well cleaned out. Working with system on recommendations on technical, managerial and financial capacity. Staff sent letter Feb. 2015 with recommendations to improve their managerial and financials issues. NFA

9	NJ1922010	The Village of Lake Glenwood	Firm capacity being re-evaluated by Department. Portion of "Lower" distribution system is above ground. Undersized mains exist.	Test well drilled but did not yield water. Discussed options with engineer. Homeowners are engaged and financial management company hired. System received assistance through the Engineering Initiative Contract to assist with applying for a DWSRF loan. An asset management assessment was performed and the system is currently on the FFY2015 Final Project Priority List, and is eligible for very small system financing, for well #1 and #2 treatment upgrades or new wells to correct GWR significant deficiency. Planning documents and design plans & specs completed and submitted all required permits.
10	NJ1615001	West Milford MUA-Birch Hill Park	GWR Significant Deficiencies 06/07/2012 and significant sanitary survey deficiencies 06/24./2013.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
11	NJ1615002	West Milford MUA-Greenbrook Estate	GWR Significant Deficiencies 06/07/2012 and significant sanitary survey deficiencies 06/24/2013.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
12	NJ1615006	West Milford MUA-Parkway	GWR Significant Deficiencies 06/07/2012 and sanitary survey deficiencies 06/24/2013. Inadequate storage.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.

13	NJ1615012	West Milford MUA-Awosting	GWR Significant Deficiencies 06/07/2012 and significant sanitary survey deficiencies 06/03/2013. Iron exceedances. Well #11 & 9 not operational.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
14	NJ1615014	West Milford MUA-Crescent Park	GWR Significant Deficiencies 06/27/2012 and significant sanitary survey deficiencies 06/27/2013.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
15	NJ1615016	West Milford MUA-Olde Milford Estate	GWR Significant Deficiencies 06/27/2012 and significant sanitary survey deficiencies 06/24/2013.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
16	NJ1615018	West Milford MUA-Bald Eagle Village	GWR Significant Deficiencies 06/07/2012 and significant sanitary survey deficiencies 06/03/2013.	RFP went out for a contract for management of system. MUA postponed awarding management bid. Aug. 2014 – awarded to Eric Williams. No change since – comments sent to Enforcement on draft AO in Feb. 2015.
17	NJ1347001	Lake Como Borough	WQ complaints late 2013 to early 2013	Working with system to clean and line water mains, locate & exercise valves & flush hydrants. 1 st phase Nov. 2014. 2 nd phase Jan. 2015 with USDA funds. System O&M manual updated.
18	NJ1306001	Belmar Borough	WQ complaints late 2013 to early 2013	System cleaning and lining & replacing mains in phases and flushing hydrants. Various improvements to wells, tanks and treatment plant have been completed. System on NJWA SDWA Compliance Grant List. Working to engage management in planning for future improvements. As of Feb. 2015, no more WQ complaints. Letter sent to Boro management with action items & recommendations.

19	NJ1305001	Avon by the Sea Borough	WQ complaints late 2013 to early 2013	System cleaned and lined water mains, flushed hydrants, and repaired and/or replaced mains contributing to discolored water. System locating and exercising valves. System O&M manual updated.
	Non-Community			
20	1007308	Sarah Dilts Farm-Main Pavilion	Total Coliform MCL , NOV & ACO issued	New well #2 operational & old #1 well sealed 11/13/2013. Final Report to File dated 01/23/2014. NFA

NFA-No Further Action