

**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, 2011 to June 30, 2012

August 2012
(revised September 2012)

Chris Christie
Governor

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IMPLEMENTATION REPORT

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Introduction

The 1996 Amendments to the Federal Safe Drinking Water Act (SDWA) require 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 the approved strategy for existing public water systems.

The 1996 Amendments to the SDWA create a focus on ensuring and enhancing the technical, managerial and financial (TMF) capacity of public water systems to comply with the National Primary Drinking Water Regulations.

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 accordance with Section 1420(c) of the SDWA, 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 from July 1, 2011 through June 30, 2012 regarding implementation of the Capacity Development Program.

New System Approval – Community Water Systems

Community Water Systems

The Department added one (1) new community water system (see Table 1 below) to its inventory of public water systems during the period of July 1, 2011 through June 30, 2012. This system is an existing supply that was recently discovered to meet the definition of “public community water system.” Since the system’s infrastructure predates the N.J.A.C. 7:10-13 requirements, the Department did not require a capacity development analysis.

This system required no TMF analysis because it was a preexisting system that does not meet the definition of a “new system,” as it predates the capacity development rules at NJAC 7:10-13.

Table 1. New Community Water Systems
July 1, 2011 – June 30, 2012

PWSID No.	SYSTEM NAME	START DATE	COMMENTS
1615022	Woodland Heights Homeowner Association	04/13/2012	Existing Infrastructure 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 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 eighteen (18) non-transient non-community water systems to its inventory of public water systems during the period of July 1, 2011 through June 30, 2012. Two (2) of the 18 systems required and received TMF approval under New Jersey Safe Drinking Water Act Regulations at N.J.A.C. 7:10-13, while four (4) of the 18 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 required a TMF review. Two (2) of the 18 would have required TMF reviews, but connected to city water shortly after opening and dropped below the population threshold for a non-transient system, respectively, making this review unnecessary.

The remaining ten (10) systems did not meet the definition of “new system.” These 10 systems were pre-existing water systems that were recently determined to be non-transient non-community water systems; were existing transient non-community water systems that were reclassified to non-transient non-community water systems; or were existing non-transient non-community water systems that were reactivated. Table 2 lists the non-transient, non-community water systems added.

**Table 2. New Non-Transient Non-Community Water Systems
And Pending TMF Approvals**
July 1, 2011 – June 30, 2012

PWSID No.	SYSTEM NAME	START DATE	COMMENTS
0436502	Institute of Excellence Charter School	01/10/2012	New infrastructure TMF approval pending
0614349	All Kids First II	11/03/2011 (closed 12/19/2011)	New infrastructure Connected to city water 01/26/2012 Resolved
0808319	Wawa 8308	07/05/2011	New infrastructure TMF approval pending
0818470	Little Leaders Preschool	10/17/2011	Existing infrastructure Reactivated No TMF required
1026320	Half Pint Daycare	01/26/2012	New infrastructure TMF approved 06/15/2012
1211300	Middlesex Presbyterian Church	11/01/2003	Existing infrastructure Reclassified T to NT No TMF required
1311001	US Army Fort Monmouth	06/01/1977	Existing infrastructure Reclassified T to NT No TMF required
1319438	Voyagers Community School	06/22/2011	Existing infrastructure Reactivated No TMF required
1427411	Deer Path Montessori School	09/06/2011	New infrastructure TMF approval pending
1436311	IHOP Restaurant	03/01/1985	Existing infrastructure Reclassified T to NT No TMF required
1511429	Lakehurst Consolidated Logistics & Training	04/01/2011	New infrastructure TMF approval pending
1615427	Selling Precision Inc.	06/27/2011	Existing infrastructure Reactivated No TMF required
1802313	St. John on the Mountain	11/01/1990	Existing infrastructure

PWSID No.	SYSTEM NAME	START DATE	COMMENTS
			Reclassified T to NT No TMF required
1808357	Little Gems Academy	06/21/2011	Existing infrastructure Reactivated No TMF required
1904309	Cathridge Actuated Devices	08/01/1982	Existing infrastructure Reclassified T to NT No TMF required
1911354	Sussex County Annex Building	07/01/2011	TMF Approved 06/10/2011
2104342	10-31 Inc.	02/28/2007	Existing infrastructure Reclassified T to NT No TMF required
2116343	Colonial Manor	10/24/2011 (closed 03/19/2012)	Existing infrastructure Deactivated as NT due to drop in population served Resolved

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 2012 Work Plan was submitted to USEPA in May 2011. The following is a list of tasks included in the Capacity Development Program SFY 2012 Work Plan and a review of New Jersey's accomplishments and projected tasks for the 2011 fiscal year:

- 1. Finalize the SFY2011 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 2011.**

The SFY2011 Annual Report was finalized and sent to USEPA on August 15, 2011.

- 2. Prepare the SFY2012 Annual Report that documents the ongoing implementation of the capacity development program for addressing capacity determinations for new systems and the application of an**

effective strategy for existing public water systems. This report is due by August 2012.

This SFY2012 Annual Report has been prepared to document the ongoing implementation of the Capacity Development Program for addressing capacity determinations for new systems and the application of an effective strategy for existing public water systems.

- 3. Assist the Drinking Water State Revolving Fund (DWSRF) program in updating the set-aside section of the Intended Use Plan and submit work plans to USEPA as prerequisites to apply for the DWSRF Capitalization Grant. These tasks are to be completed in 3rd quarter SFY2012.**

The Capacity Development Program provided its components for the FFY2013 Intended Use Plan and the SFY2013 Workplans for Set-Asides to the DWSRF Program in March 2012.

- 4. Continue the process of conducting on-site capacity evaluations for the 27 community and 29 non-community water systems on the August 2010 Strategy List if not completed prior to June 30, 2011. This will be performed on an ongoing basis.**

Appendix I of this report provides a summary and status of Capacity Development Program activities for all of the community and non-community water systems from the 2010 Strategy List, including those systems which were carried over from the Final 2007 Strategy List and integrated into the 2010 Strategy List.

- 5. Initiate process of conducting on-site capacity evaluations for the community and non-community water systems identified on the 2010 Strategy List. This will be performed on an ongoing basis.**

To date, the Capacity Development Program conducted on-site evaluations at 15 of the 37 community water systems on the 2010 Strategy List. The Capacity Development Program also monitored the progress made by nine (9) other community water systems on the 2010 Strategy List with regard to their efforts to achieve compliance through enforcement of Administrative Consent Orders. Two (2) other community water systems have been purchased by Aqua New Jersey and one (1) community water system was removed from the 2010 Strategy List because the previous determination to classify the facility as a community water system was subsequently reversed.

The Capacity Development Program has worked with 5 of the 29 non-community water systems.

- 6. 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.**

The Capacity Development Program provided direct assistance to the community water systems and non-community water systems on the 2010 Strategy List, as summarized in Appendix I. Staff performed background research, conducted TMF capacity evaluations and site visits, developed and presented improvement plans, and helped systems implement the improvement plans. Staff 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.

The full-time staff member most directly responsible for providing Capacity Development assistance to existing water systems transferred in SFY2012, therefore all tasks in the Capacity Development Program's workplan have not been completed. Currently, several staff members have been assigned part-time Capacity Development Program responsibilities.

The Capacity Development Program continues to advise systems of the potential to use the financial planning tools from the Boise State Environmental Finance Center (EFC) such as Rate Check Up, EFC Financial Dashboard, and Utility Budgeting Workbook.

- 7. Contingent on receiving management authorization to proceed, the program plans to spend \$250,000 of previously awarded grant money to engage one or more third-party contractors to assist in providing on-site**

capacity evaluations, on-site technical assistance, and rate setting advice in SFY2011. The program will execute, manage, and coordinate service contracts to achieve this goal.

In June 2010, the Capacity Development Program was informed by the Treasury Department that the Governor's office approved authorization of the Department's RFP designed to solicit bids for the conduct of site visits, TMF capacity evaluations, and asset management plan development and implementation by a third-party contractor. However, the Capacity Development Program recognized the need to modify the scope of work, further refine the procedures, and update/enhance the various forms which would be integrated into the RFP, including development of the "Technical, Managerial, and Financial Capacity Evaluation & Benchmark Criteria Assessment Form" contained in Appendix II of the 2011 edition of this report. This RFP is under Departmental management review.

In addition, a contract for services to replace and enhance the previous Engineering Initiative Assistance contract overseen by the Drinking Water State Revolving Fund (SRF) Unit was completed in SFY2011. This contract with New Jersey Water Association provides funds and assigns engineers for the design and permitting of improvements at those small systems serving fewer than 3,300 residents. This program was designed to assist Drinking Water State Revolving Fund loan applicants. Although the funds for the contract services are provided through the Small System Technical Assistance Grant, the Capacity Development Program informs systems on the 2010 Strategy List about the availability of the contract services. This contract will continue to cover the "soft" costs and preserve the systems' limited funding source alternatives for construction, operation, and maintenance of infrastructure needed for compliance.

- 8. 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 added one (1) new community water system to its inventory of public water systems during the period of July 1, 2011 through June 30, 2012. This system predated the requirement for TMF review of new systems.

New Jersey added eighteen (18) non-transient non-community water systems to its inventory of public water systems during the period of July 1, 2011 through June 30, 2012. Two (2) of the 18 systems required and received TMF approval under NJ Safe Drinking Water Act regulations at N.J.A.C. 7:10-13, while four (4) of the 18 are pending TMF approval by the Department. One system was shortly after opening

connected to city water, resolving that issue. The remaining eleven (11) systems did not meet the definition of “new system.” Please refer to Tables 1 and 2.

10. 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.

The Capacity Development Program presented information on capacity development at the Safe Drinking Water Course at Rutgers University, New Brunswick, NJ in January 2012, and the New Jersey Section of the American Water Works Association Annual Conference in Atlantic City, NJ in April 2012.

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 any of the annual Significant Non-Compliers (SNC) lists. [Note: the Significant Non-Complier list has been replaced by the Enforcement Targeting Tool, or ETT]**

Only one (1) of all new community and non-transient non-community water systems which received TMF approval since June 30, 2009 is on the current Enforcement Targeting Tool list (which has replaced the SNC list), for coliform violations, and it returned to compliance as of March 30, 2012.

- **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 2008 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 first strategy list was compiled in December 2001 from a review of the compliance status during the preceding 18-month timeframe from July 2000 – December 2001. The second strategy list was compiled in February 2004 from a review of the compliance status during the 18-month timeframe of January 2002 – July 2003. An Interim 2007 Strategy List was developed as reported in August 2007. The list included high priority systems from the 2001 and 2004 lists that remained unresolved and out of compliance at that time. Additionally several systems, such as Sea Village Marina, were added based on staff's knowledge of the system. This list was adopted as the Final 2007 Strategy List as indicated in the SFY2008 Annual Report. The status for each of the 39 public water systems on the Final 2007 Strategy List is provided in Appendix I of this report.

The 2010 Strategy List identifies 66 community and non-community water systems as High priorities for receiving assistance from the Program to develop their TMF capacity. This list was compiled in July 2010 from a review of the compliance status during the 18-month timeframe of January 1, 2008 – June 30, 2009 and includes systems identified by referrals from the compliance, permitting, enforcement, and technical assistance bureaus within the Department.

- **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 the process of performing background research; conducting TMF capacity evaluations and site visits; developing improvement plans; and helping systems implement those improvement plans. Staff 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 this process, 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 identified drinking-water related training needs for small water system owners and operators. By contract with the New Jersey Water Association, 33 training sessions were held in the past year to provide assistance to small water systems (those serving less than 10,000). One hundred forty-nine (149) small systems were represented at these sessions. In addition, a contract with Rutgers University provided for a 50% tuition subsidy for drinking water-related training courses from July 1, 2011 to June 30, 2012. In that timeframe, 29 training courses were held. Three hundred sixty-eight (368) operators attended at the reduced rate. An agreement with the New Jersey Section AWWA provided for three training seminars in the past year. A total of 95 individuals attended. The Department plans to renew the Rutgers University contract in FY2013, and has renewed the agreement with New Jersey Water Association for an additional 70 training sessions over 18 months.

In addition, inventory information and monitoring schedules for all 3,870 public water systems continue to be available through the Division of Water Supply and Geoscience's Drinking Water Watch application. <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 order to provide assistance to water systems with regards to the rates charged for water, in SFY13 the Department plans to spend more time investigating rate setting and asset management programs for community water systems in order to inform water systems' decisions about full cost pricing for their water.

- **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.

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

No modifications have been made, other than to continue upgrading and enhancing the "Technical, Managerial, and Financial Capacity Evaluation & Benchmark Criteria Assessment Form" contained in Appendix II of the 2011 report, which serves as a companion document to the Criteria and Benchmarks for Technical, Managerial, and

Financial (TMF) Capacity document previously submitted as Appendix IV of the 2010 Annual Report. The Capacity Development Program intends the form for use by staff and its contractor (pending award of the RFP previously discussed), and as a self-assessment tool for systems that are not identified for capacity development assistance under the approved Capacity Development Strategy.

The Department is continuing with a previous Strategy modification 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
2010 STRATEGY LIST**

2010 STRATEGY LIST			
STATUS SUMMARY FOR HIGH PRIORITY COMMUNITY WATER SYSTEMS			
<u>PWSID#</u>	<u>PWS NAME</u>	<u>INITIAL REASON LISTED</u>	<u>CURRENT STATUS/PLAN</u>
NJ0108021	SEA VILLAGE MARINA	Listed in 2007. Ongoing radionuclide (gross alpha) MCL violations and exceedances of NJ secondary standards for sodium and TDS. Lead and copper treatment never permitted as final. Only one well that may be also GWUI. Inadequate storage and auxiliary power. Technical, managerial and financial (TMF); ownership; and legal problems.	Capacity Development (CD) Plan recommends connection with NJ American Water (NJAW). NJAW master permit application submitted 10/28/10. Bankruptcy court judge has required current owners to hook up to NJAWC by September 30, 2012. Proposed connection to NJAW by end of 2012 in accordance with ACO.
NJ0112002	BLACK HORSE MANOR	Listed in 2007. Lead and copper Action Level Exceedances (ALE) & later Monitoring and Reporting (M/R) violations. Additional M&R violations in 2010 for Rads and VOCs. Financial problems.	New well & facilities in place; O&M Manual submitted to DEP 12/12/2011 for review. System has achieved compliance with PB ALE. Recommend NFA
NJ0248001	RAMSEY WATER DEPT	Arsenic MCL violations (see PEA080010)	RTC for arsenic due to treatment constructed with permit WCP060001. No pending violations. Internal discussions indicate TMF evaluation is not required at this time. Recommend NFA
NJ0251001	RIDGEWOOD WATER	Previously listed in 2001, 2004 and 2007. 2011, 2012 violations for lead, nitrate and arsenic	Progress on GWUDI testing on source wells, repairs to well houses, and development of O&M manual (a model document), and initiatives to enhance GIS asset inventory and integrate it into a required asset management plan using SEMS Software Suite. Needs to provide copy of final master business plan. Requires follow-up.
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 since hired a licensed operator, but overall management & financing continue to be inadequate. No TMF capacity evaluation conducted to date. Still needs initial visit or follow-up with Enforcement to address outstanding issues.
NJ0303001	BORDENTOWN WATER DEPARTMENT	Radionuclide contamination in all 4 source wells with Gross Alpha (GA) & Ra226/228 MCL violations in 2008. Improper chlorination/post-disinfection.	RTC (well 5 last on/first off; greensand filters) with GA & Ra226/228 MCLs. System planning test wells as new/ replacement wells free of radionuclides. Permit WCP100001 completed 12/15/10 to address disinfection TP issues. Draft Major Modification for WFS Permit NJ0028649 sent to Bordentown 4/11/11. Need TMF capacity site visit on level of concern for MF capacity. O&M manual prepared by consulting engineer; need to determine

2010 STRATEGY LIST			
STATUS SUMMARY FOR HIGH PRIORITY COMMUNITY WATER SYSTEMS			
PWSID#	PWS NAME	INITIAL REASON LISTED	CURRENT STATUS/PLAN
			extent of licensed operator (LO) involvement in draft, confirm short/long-term LO succession planning.
NJ0339001	NEW LISBON DEVELOPMENTAL CENTER	Listed in 2007. Lead action level exceedances. Numerous monitoring and reporting violations (late & non-submittal).	Persistent efforts resulted in submission of new CCTR for Lead problem & permit application WCP10001 for pH adjustment & disinfection treatment units installed without approval, approved 7/14/10 & 10/21/10, respectively. Met with system 3/2/11 on CCTR progress report, organizational chart/job descriptions, storage tank rehab project, well 3 decommissioning/ new well project, and installation of pipe for 5 minute Cl2 contact time. Poor managerial capacity issues persist, require continued follow-up.
NJ0436007	WINSLOW TWP DMU	Listed in 2007. Ongoing radionuclide MCL violations at various points of entry. Volatile organic chemical (VOC) MCL violations at some points of entry.	RTC on MCLs, ACO on Wells #1 & #8 closed 2/2/2011. Permit No. WCP110003 issued 5/18/2011 to construct rads treatment at Wells 3, 7 & 9. Treatment vessels damaged in transport, so ACO deadline extended to 10/31/2012 to have treatment online to meet MCLs.
NJ0601001	BRIDGETON CITY WATER DEPT	Listed in 2007. Ongoing radionuclide MCL violations at various points of entry.	RTC with rad MCLs, with online treatment and blending at other POEs. New storage tank built; LO of proper classification.
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 8/9/2012; system RTC. Only outstanding issue is failure to provide a storage waiver, otherwise NFA
NJ0613004	UPPER DEERFIELD TWP WATER DEPT	Gross Alpha and Radium 226/228 MCL violations.	Rad treatment installed at Love Lane & Seabrook Plant, RTC, ACOs closed 12/2/2011 and 3/12/2012.
NJ0614003	VINELAND WATER & SEWER UTILITY	Gross Alpha and Radium 226/228 MCL violations at multiple TPs & M/R violations.	Radium treatment at multiple TPs installed. Closure of ACO pending resolution of Well #12 discharge issues. NFA.
NJ0614005	FAIRVIEW MANOR MHP	Volatile Organic Compound (TCE) MCL violations.	RTC on VOCs, no TMF needed, recommend NFA.
NJ0811003	COLONIAL ESTATES	Listed in 2007. Ongoing radionuclide and mercury MCL violations.	Connected to public water in 2012. NFA.
NJ1001301	VALLEY VIEW MANOR	Listed in 2007. Arsenic MCL violations.	System completed arsenic treatment 12/2010. System has complied with instructions in 2/24/11 letter. O&M manual accepted 10/12/2011. System remains classified as CWS so follow-up required on system status and relocating residents to address storage issues (see NJEMS under WCD100001 & WCD110001 for details).

2010 STRATEGY LIST			
STATUS SUMMARY FOR HIGH PRIORITY COMMUNITY WATER SYSTEMS			
<u>PWSID#</u>	<u>PWS NAME</u>	<u>INITIAL REASON LISTED</u>	<u>CURRENT STATUS/PLAN</u>
NJ1007002	ROSEMONT WATER	Arsenic MCL violations	Installed Isolux treatment per WCP080002 /2009. TMF inspection 12/2010, TMF findings report & improvement plan 3/9/11 (WCD110001). O&M manual from licensed operator and managerial capacity items need to be addressed. Alan to follow up on FA now arsenic treatment online.
NJ1009001	FLEMINGTON WATER DEPARTMENT	Listed in 2007. Arsenic MCL violations.	Arsenic removal addressed at several wells. No further MCL violations since 1Q2010. Interconnections with NJAW, but no contract (see WCP090003 & SCI090001). Remaining issues with firm capacity under discussion with permitting group. A full TMF evaluation is needed for this system.
NJ1013001	HAMPTON BOROUGH	System lacks firm capacity, only has 1 operational well, and no approved contract for the interconnection with Glen Gardner.	Permit for SRF-assisted backup well under review by permitting group. [as of 5/12; Roger not in to check with him on current status]
NJ1024002	HUNTERS GLEN	System recently classified as CWS and did not meet rule requirements.	Inactive 1/5/11. NFA.
NJ1336308	LIBERTY ROYAL REHAB CENTER	Listed in 2007. Acute coliform MCL violations.	Connected to city water 5/26/2011; deactivated 11/1/2011. NFA.
NJ1414009	MOUNTAIN SHORE WATER SUPPLY	Facility lacks auxiliary power, distribution system is antiquated, only 1 well. Financial problems.	System intends to connect with Jefferson Twp. Water Department, but lacks capital for a total project cost estimated at \$318,600. System reviewing NJEIT options, will submit letter of intent by 10/01/2012 deadline or DEP will follow up.
NJ1414013	SUN VALLEY PARK	Listed in 2001, 2004, & 2007. Using an unapproved source. Undersized mains and inadequate storage. Lacks adequate firm capacity to meet peak daily demand.	Initial TMF visit 06/12/09. Highlands Protection & Planning Act exemption approved 4/16/10. ACO effective 9/8/10, system complying with schedule. Permit WCP005070 issued 6/3/2011 to operate Well No. 1; Permit WCP110001 issued 2/16/2012 to build Well No. 2. Application for storage waiver will be formally approved when Permit to Operate issued for Well 2. A GWUDI evaluation is required as a permit condition for both wells.
NJ1421305	GREEN BRIAR RESIDENTIAL HEALTH	Coliform violations require installation of chlorination, permit is technically deficient. Facility has 1 source, lacks firm capacity, adequate storage, and auxiliary power.	No Capacity Development Program activity to date. Permit WCP090002 approved 3/3/10; treatment for existing well installed. System planning to either install new well to address storage issues or install dual pump assembly.

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NJ1427002	MOUNT OLIVE - GOLDMINE ESTATES	Listed in 2007. Well no. 1 does not recover during high demand. Well no. 2 (irrigation well) not permitted for potable use. Used tanker for temporary storage in 2005 & 2006.	Monitoring compliance with ACO effective 2/2/10. WCP090002 issued 8/22/2011 for interconnection, with WCP080003 for construction of new source still pending, to address supply and storage requirements.
NJ1438001	CLIFFSIDE PARK WATER ASSOC INC	Listed in 2007. Exceedances of NJ secondary standards for iron and manganese. Recent lead and copper Action Level exceedance. Corrosion control treatment system in use not permitted. Undersized mains and inadequate storage.	Plans for Washington Township MUA to acquire/operate system. Negotiating draft ACO with Enforcement. Exemption request from Highlands required for new Well #6.
NJ1511011	LUXURY COMMUNITY MOBILE HOME PARK	Listed in 2007. Notice of Violation issued 3/27/07 for various violations	System RTC for TCR MCLs 12/9/08. Initial TMF site visit 5/18/10; new well operational on that date, also correcting deficiencies with sources, backup power, and storage. New well proposed as CCTR for Cu ALEs. TMF Findings Report/ Improvement Plan not issued. Storage waiver approved 4/5/11. Needs further followup.
NJ1521001	OCEAN GATE	Mains are 80+ years old, iron problems within the distribution system, and no financial capacity to maintain system.	Initial capacity development outreach 1/2012. System required to establish asset management and capacity development strategy to address aging water mains and chronic complaints of iron within distribution system. System also required to hire appropriately licensed full time operator.
NJ1714003	BANCROFT NEURO HEALTH CENTER	Combination of Cu ALEs, M/R violations, and small system size placed this facility on list.	ACO for construction of multiple closed 2/1/2012. A new source of water supply, Campus Well No. 3, has been sampled and inspected; approval of permit to operate still pending. Once issued, this system can be removed from Capacity Development list.
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.	System is reviewing options for new, properly constructed well; a second existing well requires further details. Ultimately the system must also replace aging mains. The system participates in the engineering initiative contract and has applied to NJEIT to finance improvements. Homeowner association is in process of reorganization to determine how it wishes to proceed.
NJ1904008	WILLOR MANOR WATER CO	Facility lacks adequate storage and auxiliary power, distribution system is antiquated, only 1 well. Financial problems.	System under ACO to drill private wells, completed as of 9/2012. Six have been tested and are compliant, with several more to be connected and/or tested within next few weeks. Once completed the existing system well will be decommissioned and no further action will be required from DEP.

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NJ1912007	ARTHUR RD WELL ASSOC	Referred to oversee/monitor connection to Hopatcong.	ACO effective 3/9/11 requires connection to Hopatcong. System exploring funding options both independently and through the State SRF program.
NJ1920001	STILLWATER WATER DISTRICT 1	Listed in 2007. Ongoing radionuclide (gross alpha) MCL violations.	ACO closed 2/11/11. Wells 5 & 5A comply with radionuclide MCLs. TMF site visit - 5/29/09, Fndgs Rpt/Imprvmt Plan - 7/7/09. Still needs to evaluate wells for GWUDI, connect Well 2 to TP002007 on 5-yr schedule starting in 2012, O & M manual, and standpipe rehab project (projected late 2012). System incurred more MCL violations and violations for inadequate storage, likely due to some portions of the system not being interconnected to other portions.
NJ1922008	VERNON WATER CO	Facility lacks auxiliary power, water outages due to booster pump failure and main breaks. Well #11 exceeds Uranium MCL. Financial problems.	No Further Action. Now managed by Aqua via Permit WCP110001 approved 9/30/11, including auxiliary power at pump stations. Well #11 currently not in operation.
NJ1922009	VERNON WATER CO OAK HILL	Facility lacks auxiliary power and adequate storage. Financial problems.	No Further Action. Now managed by Aqua via Permit WCP110001 approved 9/30/11, including auxiliary power at pump stations. Well #11 currently not in operation. Connection addresses storage issues.
NJ1922010	THE VILLAGE OF LAKE GLENWOOD	Firm capacity being re-evaluated by Department. Portion of "Lower" distribution system is above ground. Undersized mains exist.	TMF site visit 7/2012. While undersized mains may be hydraulically justified, concerns remain on their condition and location on private property. Buried storage tank will require unearthing to ensure its adequacy for sanitary purposes. DEP water quality testing indicated E. coli in raw water at Wells 1 and 2, which do not meet current construction standards, so their replacement or rehabilitation is recommended.
NJ1922014	GREAT GORGE TERRACE ASSO	Listed in 2007. Significant ongoing radionuclide MCL violations.	Effective July, 2012, system tied into United Water Resources and is no longer an independent public water system.
NJ1922028	VALLEY VIEW APTS	Listed in 2004 & 2007. Uranium MCL violations at two points of entry.	No Further Action. System connected to United Water Vernon Valley and deactivated in April 2012.

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NJ0105323	ST MARYS SCHOOL	Nitrate MCL violations.	No Capacity Development Program effort to date. TP001001 has nitrate/inorganics removal: cation exchange (I459) & Corrosion Control: lime addition - calcite filters (C501). RTC 3/6/07; no MCL violations since.
NJ0105360	SAINT MARY'S SCHOOL - WELL 2	Lead & Copper ALEs.	Water Quality issues were addressed, and TMF Approval issued by the BSDWTA. CU AL exceeded first half 2012. CCTR under review (submitted 5/15/12).
NJ0108352	DOT FAA ATL BLD 33 & BLD 208	Listed in 2007. Lead ALEs. Monthly coliform MCL violations.	Preliminary TMF capacity evaluation site inspection on 11/10/09. Subsequent follow-up research shows full TMF review unnecessary; BSWCE & BSDWI concur. Facility received Environmental Stewardship Certification in 8 categories including having an Environmental Management System and water reduction. RTC 3Q2008, but monthly MCL 8/12, NONC issued 8/22/12, followup pending.
NJ0109302	ESTELL MANOR SCHOOL	Nitrate MCL violations, Lead & Copper ALEs, Barium MCL, & Sodium >100 ppm.	No Capacity Development Program effort to date. TP001001 has nitrate/inorganics removal: cation exchange (I459) & Corrosion Control: lime addition - calcite filters (C501). RTC 9/24/09 Cu, 11/16/09 nitrate.
NJ0317303	BURLINGTON CTY SPEC SERVICES	Coliform MCLs.	No Capacity Development Program effort to date. TP001001 now has disinfection with post hypochlorination (D421) and softening: hardness removal - cation exchange (S459). RTC 8/6/08.
NJ0436481	DONIO TRUCKING	Referred to Program by BSDWI.	No Capacity Development Program effort to date. Previous assistance from SWSTA Program. TP001001 has corrosion control: pH adjustment (C740). System exceeded Cu AL first half 2011, but no violation created or NONC issued. Investigating issue.
NJ0603301	CUMBERLAND CNTY TECHNICAL ED	Nitrates & Radionuclides.	No Capacity Development Program effort to date. No nitrate MCL violations since 4Q2007. With new well online 3Q 2011, all Rads ND since. TP001001 only corrosion control by silicate inhibitor (C449).
NJ0722304	THE MANOR REST	Arsenic MCLs (most recent determined 10/25/2011).	No Capacity Development Program effort to date. TP001001 - inorganics removal: cation exchange (I461).
NJ1008300	ALBERT ELIAS RESIDENTIAL GROUP	Listed in 2007. Lead action level exceedance. Acute coliform MCL violation.	TMF capacity site visit - 11/20/09. Findings Report/Improvement Plan - 12/4/09. Reviewed 1/6/10 reply on project designed to resolve technical capacity issues and issued comments on 1/15/10. System installed new well in 4/2010. Received permit for new source, corrosion control treatment (orthophosphate), and to relocate the pH adjustmen unit 9/21/11. An update from system on 2/29/12 stated that they

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			were at the end of plan review and should go out for construction bids within the next two months. System did comply with the lead action levels during 2 nd half 2011 and 1 st half 2012.
NJ1021337	MARINELLIS	Coliform MCL & Nitrate M/R.	No Capacity Development Program effort to date. TP001002 - corrosion control: pH adjustment (C740) & UV disinfection (D720). No MCL violations since 2008, Lower priority for TMF evaluation. No violations since 2008.
NJ1025300	STATE OF NJ SPRUCE RUN RECREAT*	Acute Coliform MCL & M/R violations.	No Capacity Development Program effort to date. TP001001- disinfection: Pre-hypochlorination (D423). System installed 4-log disinfection during June 2012 in response to Ground Water Rule sampling which confirmed E. coli in the source water.
NJ1026301	ESC SCHOOL	Listed in 2007. Lead and copper ALEs. Arsenic MCL violation.	Program efforts involved site visits, follow-up, & coordination to help system obtain permit approvals & install treatment units for radium, arsenic, sodium, pH adjustment, and disinfection. See permits WCP080001 and WCP100001 for details. No formal TMF Findings Report/Improvement plan issued - efforts conducted via email and face-to-face. System is fully operational as of 11/1/10 & monitoring shows a return to compliance. Issue of T-3 licensed operator requirements (see ASD letter dated 8/11/10) resolved - Bill Stevens (T-3 #0008295) started on 9/14/10. A final version of the O&M manual should be completed and reviewed soon. System remains in compliance.
NJ1026318	MT. AIRY HAPPY TIME SCHOOL	Arsenic & Coliform MCLs.	No Capacity Development Program effort to date. TP002003 active on 3/12/2009 - inorganics removal: cation exchange (I459) & particulate removal: Filter (P348). System return to compliance on 4/26/10. Lower priority for TMF evaluation. System remains in compliance.
NJ1106328	WASHINGTON XING STATE PARK*	Acute Coliform MCL & M/R violations.	No Capacity Development Program effort to date. Using new well since 1/1/10 and TP001001 provides UV disinfection (D720). RTC 5/17/10 with new well online, no TC MCL violations since.
NJ1106355	KOOLTRONIC INC	Arsenic & Coliform MCLs with M/R violations.	No Capacity Development Program effort to date. System RTC 6/09. Lower priority for TMF evaluation.
NJ1106389	HOPEWELL VALLEY GC*	Listed in 2007. Arsenic MCL violations.	Conducted TMF capacity evaluation site visit on 5/14/10. Issued 6/1/10 letter confirming system implemented corrective action required by

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			<p>Mercer County Health Dept (MCHD) for Arsenic. Total Coliform problem identified after 6/1/10 letter issued. Multiple follow-up activities conducted w/ system, MCHD, & BSDWI to investigate problem and determine course of action. Infrastructure deficiency (well construction) may be cause and 7/22/10 letter instructed system to decommission/replace existing well. The old well was sealed in May 2012. A new well has been drilled and arsenic treatment was installed, but is not yet connected to the system because they are still waiting for a permit to be issued. Currently, the well is not in operation and sampling is not being conducted.</p>
NJ1319459	GETTY STATION #00658*	Repeated Coliform MCLs in 2010. Well head problems.	No Capacity Development Program effort to date. Old unpermitted well TP001001- Iron Removal: cation exchange (F459). Recommend follow-up through CD or SWSTA program. Consideration may be given to installing a new well.
NJ1332351	MILLSTONE CTR*	Listed in 2007. Acute coliform MCL violations.	Initial TMF site visit 9/25/08 with follow-up visit 5/25/10. Findings Report/ Improvement Plan issued 6/17/10 indicated need to evaluate well for potential GWUDI & ensuring proper O&M of system as only TMF issues. System began required sampling 1QSFY2011. Turbidity level triggered MPA sampling; concurrent well repair may have caused spike. Allowed resumption of physical/bacteria testing, but turbidity triggered MPA again. Need to evaluate further.
NJ1352321	BRIELLE HILLS BLDG #1&2	Lead & Copper ALEs, M/R violations, and management problems prevent resolution.	No Capacity Development Program effort to date.
NJ1352322	BRIELLE HILLS CONDO ASSOC BLDG 8,9	Lead & Copper ALEs, M/R violations, and management problems prevent resolution.	No Capacity Development Program effort to date.
NJ1352340	BRIELLE HILL CONDO-BLDG 3/4 & 5	Lead & Copper ALEs, M/R violations, and management problems prevent resolution.	No Capacity Development Program effort to date.

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NJ1415301	LOTSA PASTA*	Listed in 2007. Coliform MCL	Research in 6/10 shows system has had ongoing coliform problems for last 12 years; fined in 2007, continues to pay fines today. System does not collect/report nitrate samples, has very intermittent monitoring & reporting. Initial contact 1QSFY2011 showed little interest by owner in TMF capacity site visit. Did not pursue as prior enforcement action did not alter system compliance; matter should be left to enforcement.
NJ1427400	SANDSHORE INDUSTRIAL CONDO ASSOC	Coliform MCLs.	No Capacity Development Program effort to date. TP001001 softening - hardness removal: cation exchange (S459) & disinfection: post-hypochlorination (D421). Return to compliance in 2009. Lower priority for TMF evaluation.
NJ1436329	PHILLIPS	Acute Coliform MCLs in early 2008	No Capacity Development Program effort to date. TP001001 - organics removal: GAC (O121). System RTC April 2008. Should not have been identified for placement on 2010 list.
NJ1615390	OLD SCHOOL PUB*	Acute & TCR Coliform MCLs. M/R violations.	No Capacity Development Program effort to date. TP001001 - softening hardness removal: cation exchange (S459) & organics removal: GAC (O121). System return to compliance in 2008. Lower priority for TMF evaluation.
NJ1615412	PASSPORT CAFE/GREENWOOD LAKE AIRPT*		No Capacity Development Program effort to date. TP001001 provides UV disinfection (D720). Return to compliance in 12/09. Lower priority for TMF evaluation.
NJ1806329	SAINT GOBAIN PERFORMANCE PLAST	Arsenic MCLs & M/R violations.	No Capacity Development Program effort to date. TP001001 - softening hardness removal: cation exchange (S459), UV disinfection (D720), & organics removal: GAC (O121). Return to compliance in 5/09. Recommend talk to BSDWI - seems TMF no longer needed.
NJ1806343	SCPC BALLFIELD*	Referred to Program by BSDWI. Treatment problems. Acute Coliform & M/R violations.	No Capacity Development Program effort to date. TP001001-UV disinfection (D720), particulate removal GAC filtration (P355), & organics removal: GAC (O121)
NJ1924329	FRANKLIN SUSSEX AUTOMALL	Nitrate & Coliform MCLs.	No Capacity Development Program effort to date. TP001001 - softening hardness removal: anion exchange (S458), UV disinfection (D720), & particulate removal: cartridge filter (P341). Nitrate return to compliance in 3/10; coliform monthly again in 2011, but RTC for TCR 5/11. Internal discussions needed to determine if TMF is needed.

* Transient non-community water system