

**Connecticut Department of Public Health - Drinking Water Section**  
**Drinking Water State Revolving Fund**  
**Priority Ranking System**  
(Revision 1/31/17)

**A. Introduction:**

Connecticut General Statute (CGS) Section 22a-478(a) requires the Commissioner of the Department of Public Health (DPH) to establish and maintain a priority list of eligible drinking water projects and to establish a system setting the priority for making loans to eligible public water systems (PWS) under the Drinking Water State Revolving Fund (DWSRF). In establishing such priority list and ranking system the Commissioner shall consider all factors that are deemed relevant including, but not limited to, the following:

1. Public Health and Safety
2. Protection of environmental resources
3. Population affected
4. Risk to human health
5. PWSs most in need on a per household basis according to the applicable state affordability criteria
6. Compliance with the applicable requirements of the federal Safe Drinking Water Act (SDWA)
7. Applicable state and federal regulations
8. Consistency with the plan of conservation and development
9. Consistency with the coordinated water system plan in accordance with subsection (f) of CGS Section 25-33d

The DPH annually receives a federal capitalization grant from the United State Environmental Protection Agency (EPA). A minimum of 69% of these grant funds are used to make long term low interest loans available to PWSs for drinking water infrastructure projects through the DWSRF. A maximum of 31% of the capitalization grant is available to be used for eligible set-aside activities implemented by the DPH. The portion of the capitalization grant that is used for loans is leveraged through the Clean Water Fund Revenue Bond Program by the Office of the State Treasurer. The proceeds from the sale of revenue bonds along with other revolving funds from prior loan repayments are used to provide new loans to PWSs. This leveraging program increases the amount of funding available for loans each year beyond what is provided for in the capitalization grant alone. Each year, the DPH is limited in the amount of loans it can provide to PWSs through the Revenue Bond Program based on the legislative revenue bond authorization it receives in the State capital budget. Under the terms of the capitalization grant, the DPH is also required to contribute state matching funds equal to 20% of the capitalization grant to the loan program as additional funding.

Often, loan demand is higher than the amount of DWSRF funding that is available. The Priority Ranking System described in this document is used to prepare a Project Priority List (PPL), which is included in an annual Intended Use Plan (IUP). The PPL identifies the projects that are expected to receive the available funding during that year. Projects that are not listed on a PPL remain eligible to receive loans if additional funding becomes available or if a PPL project is by-passed by DPH or withdrawn by the applicant.

## **B. Eligibility for DWSRF Loans**

The DWSRF is intended to provide PWSs with a long-term low-cost financing alternative to improve and maintain their existing drinking water infrastructure in perpetuity. In order to receive a loan, a borrower and their project must both be deemed eligible for the DWSRF.

Eligible borrowers include all community public water systems and non-profit non-community public water systems. In addition, these borrowers:

1. Must have adequate technical, financial and managerial capacity to ensure compliance with the requirements of the SDWA unless the use of the DWSRF will ensure compliance and the owner(s) and/or operator(s) of the systems agree to undertake feasible and appropriate changes in operations to ensure compliance over the long term
2. Must not be in significant non-compliance with any national primary drinking water regulation, state drinking water regulation or variance unless;
  - a. their eligible drinking water project will adequately address long-term compliance, or;
  - b. the purpose of the assistance is unrelated to the cause of the significant noncompliance and the systems are on enforcement schedules (for maximum contaminant level and treatment technique violations) or have compliance plans (for monitoring and reporting violations) to return to compliance.
3. Must not be federally owned

Six categories of projects are eligible to receive DWSRF assistance. These categories and examples of projects within them are:

1. **Treatment** - projects to install or upgrade facilities to improve drinking water quality to comply with SDWA regulations
2. **Transmission and distribution** - rehabilitation, replacement, or installation of pipes or pump stations to improve water pressure to safe levels or to prevent contamination caused by leaky or broken pipes
3. **Source** - rehabilitation of groundwater wells or development of new groundwater wells to replace contaminated sources
4. **Storage** - installation of new or upgrades to existing finished water storage tanks to prevent microbiological contamination from entering the distribution system
5. **Consolidation** - interconnecting two or more water systems
6. **Creation of new systems** - construct a new system to serve homes with contaminated individual wells (i.e. private wells) or to consolidate two or more existing PWSs into a new regional water system

The following projects and costs are **not eligible** for assistance:

1. Dams or rehabilitation of dams
2. Water rights, except if the water rights are owned by a system that is being purchased through consolidation as part of a capacity development strategy
3. Reservoirs or rehabilitation of reservoirs, except for finished water reservoirs and those reservoirs that are part of the treatment process and are located on the property where the treatment facility is located
4. Projects needed primarily for fire protection
5. Projects needed primarily to serve future growth

6. Projects that have received assistance under the national set-aside for Indian Tribes and Alaska Native Villages pursuant to section 1452(i) of the SDWA
7. Laboratory fees for routine monitoring
8. Operation and maintenance expenses
9. Partial lead service line replacements (see Section F.7)

The DWSRF may be used to finance the planning, design or construction phase of an eligible drinking water project.

### **C. Call for Projects**

The Call for Projects is on-going and Eligibility Applications are accepted at any time. For a project to be considered for funding on the PPL in an annual IUP, an Eligibility Application must be received by the date announced by the DPH. It is expected that this date will be same each year. This announcement is issued via e-mail to all PWSs that are eligible to receive DWSRF loans, municipal Chief Elected Officials and local Directors of Health, as well as posted on the DPH Drinking Water Section's (DWS) website. This announcement will be made approximately 60-90 days prior to the due date.

Eligibility Applications received after the announced due date will be reviewed as they are received and the IUP updated as explained further in Section H of this document.

PWSs that desire DWSRF loans must submit a DWSRF Eligibility Application to the DPH in order for that project to be considered for a loan. The DPH reserves the right to issue new solicitations for additional infrastructure projects for DWSRF funding at any time.

### **D. Small System Reserve**

The SDWA requires that, to the extent that there are sufficient number of eligible project applications, not less than 15% of the available funding shall be dedicated to small systems serving less than or equal to a population of 10,000. The DPH shall use the population it currently has on record at the time a PWS applies for funding to determine if it meets the small system criteria. In cases where an applicant owns more than one community PWS, the applicant's population will be determined on the combined population of all of its individually owned community PWSs.

### **E. Green Project Reserve (GPR)**

Green projects include those that promote green infrastructure and energy or water efficiency, as well as projects that demonstrate new or innovative ways to manage water resources in a sustainable way. To the extent required by Federal law, which may change from year to year, priority may be given to eligible projects where sufficient documentation has demonstrated to the satisfaction of DPH that the project achieves identifiable and substantial benefits that qualify as green project benefits. Specific GPR amounts available each year will be identified in the DPH's IUP.

### **F. Priority Point Assignment**

Connecticut's DWSRF priority ranking system assigns points to each project deemed eligible for funding. In developing the ranking system, the point structure is weighted towards projects that will provide the greatest public health benefits and to PWSs that are most in need of low cost financing. This approach is consistent with the SDWA requirement for States to prioritize the use of funds for projects that:

1. Addresses the most serious risk to human health
2. Are necessary to ensure compliance with the requirements of the SDWA

3. Assist systems most in need according to state affordability criteria

The nine major point categories are as follows:

1. **Water Quality:** Within this category points are awarded for projects that address water quality regulatory violations or impaired water quality. Supporting evidence of impaired water quality and the need for corrective action shall be provided to support the award of points. This category is divided into five subcategories:
  - a. **Immediate Action:** Water quality violations requiring immediate action include surface water treatment rule violations and acute microbiological and inorganic chemical Maximum Contaminant Level (MCL) violations as well as lead Action Level exceedances. These violations pose health risks which must be brought into compliance expeditiously. High levels of other contaminants in subcategories b. and c. that are determined by DPH to present immediate acute health risks may be elevated to subcategory a. and awarded additional priority points based on DPH's determination.
  - b. **Non-Acute MCL Violations:** MCL violations for contaminants which have health risk ramifications over extended periods of time include the following subcategories: non-acute inorganic chemical, pesticides, herbicides, PCB's, organic chemicals, disinfection by-products and radioactivity.
  - c. **Other Contaminants of Health Concern:** Includes drinking water contaminants for which DPH or EPA has determined a health risk exists even though the contaminant does not have an established MCL. These may include regulated or unregulated contaminants that DPH or EPA has set formal action levels or health advisory limits for prior to establishment of a federal or state MCL. This subcategory also awards points for projects which address proactive steps taken to reduce elevated levels of contaminants that exceed 50% of their established MCL or the State notification level for Sodium.
  - d. **Physical/EPA Secondary MCLs:** This subcategory allows points for parameters that are primarily deemed aesthetic rather than having significant health ramifications. These contaminants or physical properties of water may make the water unsuitable for drinking rather than posing any significant known health risk.
  - e. **Private Wells:** Properties that are currently not being served by a PWS yet are experiencing private well contamination which may cause the private well to exceed an MCL contained in RCSA Section 19-13-B101 or exceed a private well [Action Level](#) established by the DPH, can be assigned ranking points, if the project involves the extension of water service to the affected wells and the applicant is eligible to receive a DWSRF loan. Where water main extensions are not feasible, points may be awarded for creation of a new PWS to serve these properties.
2. **Advanced Surface Water Treatment:** Points are awarded for projects that involve changes in treatment technologies or unit processes at surface water treatment plants to address the treatment of emerging contaminants or comply with a known future SDWA regulatory requirement. The treatment of unregulated contaminants that would be considered under this category include:
  - Contaminants identified in EPA's latest Unregulated Contaminant Monitoring Rule
  - Contaminants identified in EPA's latest Contaminant Candidate List
  - Contaminants identified by EPA as contaminants of emerging concern
  - Contaminants discovered by the PWS during water testing that have been determined by DPH

to present or have the strong possibility of presenting a public health risk

3. **Water Supply/Conservation:** Inadequate quantity of water supply has many public health implications. Supply shortages can translate to poor or inadequate pressure which can lead to back siphonage and potential contamination of the water distribution. Even with active cross connection programs, lack of pressure may result in accidental contamination events. Customers of public water systems also need adequate water service for basic sanitation needs within their homes and businesses. Within this category, points are awarded for projects that address inadequate water supply under normal operating conditions. Points are also awarded for proactive improvements that maintain the adequacy of source waters or contribute to the water conservation efforts of public water systems. This category includes:
  - a. **Source Water Deficits:** New groundwater well development projects or interconnection projects with other PWSs that are necessary to comply with RCSA Section 19-13-B102(o). This may include demonstration of diminishing safe yield that reveals an imminent threat to maintaining the minimum required margin of safety of 1.15. A recent water audit will be required to be evaluated in the Preliminary Engineering Report.
  - b. **System Capacity Deficits:** Projects that include capacity upgrades to water treatment plants, pump stations, storage facilities or transmission/distribution piping to comply with RCSA Section 19-13-B102(p). A recent water audit will be required to be evaluated in the Preliminary Engineering Report.
  - c. **Source Development:** Projects that include the development of new groundwater sources or the rehabilitation of existing groundwater sources necessary to maintain, augment or replace existing sources that do not qualify for points under sub-category a.
  - d. **Conservation/Water Loss Reduction:** This subcategory recognizes the important role that accurate metering, real-time water use monitoring, pipe replacement/rehabilitation programs and other water loss reduction projects play in a PWS's water conservation efforts. Additional points will be awarded to metering projects that incorporate Advanced Metering Infrastructure (AMI) technology to recognize the additional conservation benefits this technology provides. Also includes projects that involve the timely replacement or rehabilitation of water transmission or distribution system piping to reduce water loss due to leaks in existing piping and also increase flows and pressure to customers.
  - e. **Private Wells:** Projects that involve extending water service to existing residential properties served by private wells that have gone dry or have experienced yield reductions that render the well incapable of sustaining the water supply necessary for basic sanitary needs.
4. **Infrastructure Violations/Deficiencies/Safety Hazards/Failures:** Points are awarded to projects that address infrastructure regulatory violations that are not covered in Category 3. Points are also awarded to projects that correct significant deficiencies under the Ground Water Rule. Other infrastructure deficiencies, safety hazards or failures identified by DPH in a sanitary survey report or documented by the PWS with supporting evidence included in the DWSRF Eligibility Application would be eligible for points in this category. Hydropneumatic storage tanks that are greater than 30 years old may pose a safety risk as evidenced by a tank explosion in 2015 in North Stonington, CT that completely destroyed a pump station. Tank industry construction standards for these tanks improved in the early 1980's which has eliminated much of this risk with more modern tanks. For this reason, projects for the replacement or elimination of hydropneumatic storage tanks meeting one or more of the following criteria are also included in this category:

- Tanks greater than 30 years old
- Tanks recommended for replacement by DWS in a sanitary survey report
- Tanks recommended for replacement in a professional independent tank inspection report

Replacement of hydropneumatic storage tanks may include replacement of the existing fixed rate booster pumps with variable frequency drive (VFD) pumps and/or control system including the power supply upgrade.

5. **Consolidation:** Points are awarded to projects that consolidate two or more public water systems through water main interconnection or consecutive system. Small systems can benefit from the economies of scale achieved by being absorbed into, or served by, a larger community water system and, in many cases, benefit through an increased level of technical, financial and managerial (TFM) capacity. Small system to small system consolidations also offer opportunities for these small systems to share resources, increase TFM capacity by restructuring water system management and achieve greater economies of scale.
6. **Resiliency/Security:** Points within this category are awarded to projects that will increase a PWS's ability to withstand and recover from natural or man-made disasters and includes climate change adaptation and drought. This category provides points for climate change or asset management planning projects. Points are also awarded to projects that already have, or incorporate, appropriate security elements relative to that project or for stand-alone security projects appropriate for an existing facility such as security fencing, alarms and surveillance cameras. To qualify for climate change or resiliency points, projects will need to be supported by appropriate studies. To receive points, projects must not be inconsistent with State or Federal climate change studies or statewide resiliency planning documents recognized and supported by DPH. Points will also be awarded to projects for stand-by emergency power generator systems (new, replacement, or upgrade to existing) for existing critical facilities that need to be powered during a loss of normal electrical grid power. Additionally, this category provides points to encourage PWS's to invest in asset management and climate change planning if they have not already done so. Planning points will only be awarded for the creation of an initial plan. The DPH anticipates that these plans may result in future infrastructure projects that would qualify for DWSRF funding. Although these planning projects will be ranked independently, they may be combined with another eligible drinking water project into a single DWSRF loan agreement if both projects are included on the PPL and are undertaken simultaneously.
7. **Other Capital Improvements:** Points within this category are awarded for general proactive infrastructure projects that may not qualify for points within categories 1, 2, 3 or 4. These projects help achieve long term infrastructure sustainability so that health risks from infrastructure failure are averted. This category includes the replacement of lead service lines to individual customers including any portion located on a customer's private property. A lead service line would include any service line that has **any** lead piping. In order to receive DWSRF funding for lead service line replacements, the **entire** portion of the service line (starting at the water main on the street and terminating where the premise plumbing begins) that contains lead must be replaced. Partial lead service line replacements will not be funded due to health concerns associated with the possibility of increasing a customer's lead exposure by disturbing the remaining lead-containing piping. To receive priority points for complete lead service line replacements, all lead service lines associated with the project must be identified in advance of submitting a DWSRF Eligibility Application and all

lead service lines for which customer's consent (if applicable) has been obtained must be replaced as part of the project. This category also includes the replacement of internal building piping of buildings owned and served by an eligible PWS that is part of a remediation strategy to address lead or copper levels that exceed the Action Level.

8. **Sustainability/Statewide Planning Recognition:** Points within this category are awarded to eligible projects undertaken by a PWS directly related to an acquisition or transfer of a PWS with inadequate financial, managerial or technical capacity to another PWS as reviewed and ordered pursuant to CGS Section 16-262n & 16-262o. Points are also awarded to eligible projects undertaken by a PWS that actively implements an asset management program and their project is supported by that plan. Additionally, points are awarded for projects that are identified within a statewide or regional water supply planning document under the oversight of DPH including, but not limited to, the Coordinated Water System Plan of a Water Utility Coordinating Committee under CGS Section 25-33h or statewide or regional public drinking water resiliency plans. This category is intended to recognize and support the planning efforts of PWSs to achieve long term sustainability, assist other PWSs in need and support the State's long term planning efforts for public water supply.
9. **Affordability:** This category awards additional points to projects undertaken by a PWS in a town that has been identified by the Connecticut Department of Economic and Community Development as a "distressed municipality".

The activities which qualify for points under each category along with the numerical value of points assigned to each activity are detailed in Appendix A.

The DPH reserves the right to determine if project identified in a DWSRF Eligibility Application contains more than one independent project. In such cases, the DPH may split the application into multiple independent applications, request that the applicant resubmit independent Eligibility Applications for each independent activity or request the applicant to submit additional information to support the interrelationship between those activities identified in the original Eligibility Application prior to assignment of a ranking score. This right is exercised to prevent manipulation of the point ranking system by blending independent projects to gain an overall point ranking advantage.

#### **G. Readiness to Proceed**

It is the DPH's intention, as well as the expectation of EPA, that the DPH will commit the available DWSRF funding each year to projects listed on the PPL. Similarly, it is expected that the committed funds will be disbursed in a timely manner. Accordingly, these commitments (in the form of executed DWSRF loan agreements) are not made until a project is ready to proceed and start spending money on their project.

Regardless of the priority ranking score a project receives, only those phases (planning, design, construction) of eligible projects that can reasonably be expected to result in executed contracts (professional service and/or construction contracts) and DWSRF loan agreements within a specific SFY will be considered for inclusion on that year's PPL. Any phases not included on a PPL will be included on the Comprehensive Project List (CPL) and remain eligible for future funding. The criteria that DPH uses to assess readiness is included in the DWSRF Eligibility Application and explained in the annual IUP. The DPH may request updated readiness information for a project during development of the PPL if necessary.

## **H. Project Priority List and Comprehensive Project List**

The State of Connecticut's capital budget is prepared on a biennial basis and State Fiscal Years run from July 1 through June 30. Annually the DPH will prepare an Intended Use Plan (IUP) that identifies how the State intends to use available DWSRF funds. The IUP will be submitted to the U.S. Environmental Protection Agency (EPA) as part of the DPH's annual capitalization grant application for federal DWSRF funds. The IUP will include a CPL of drinking water projects which have applied for DWSRF loans. The IUP will also identify which projects are expected to receive funding during that SFY on a Project Priority List (PPL).

Following publication of the finalized annual IUP, the CPL may be updated periodically to include new eligibility applications that were received after the initial drafting of the annual IUP. If any changes were made to the CPL, an amended IUP will be posted on the DPH DWS website for a 30-day comment period. Once an amended IUP has been finalized, any project on the CPL will be considered for funding according to the bypass procedures in the IUP.

Projects on the CPL that are not included on a PPL will remain eligible for DWSRF funding in the future. Projects on the CPL may be subsequently added to a PPL if additional funding becomes available, other PPL projects are withdrawn by the applicant or a PPL project is by-passed by DPH.

There will be 4 factors taken into consideration when drafting a PPL . Those factors are:

1. The total numerical points assigned to a project which is arrived at by tallying points from each of the 9 priority point categories.
2. A PWS's readiness to proceed with the activities they have requested funding for.
3. To the extent that there are sufficient eligible small systems projects that are ready to proceed, not less than 15% of the available funding shall be dedicated to them.
4. To the extent required by federal law, a portion of DPH's capitalization grant shall be dedicated to projects that address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

The DPH will publish the draft PPLs for a 30 day public comment period followed by a public hearing. Written comments and oral testimony provided on the PPLs during this public participation process will be considered before the PPLs are finalized.

## **I. Tie-Breaking Procedure**

Following the implementation of factors 1-4 in Section H, in circumstances where more than one project has an equivalent ranking score, the following tiered approach will be implemented to break the tie:

1. The size of the population served by the project; the project with the larger population served will be given preference.
2. The percentage of total system population served by the project; the project serving a higher percentage of the overall system population will be given preference.
3. The size of the total population served by the system applicant; the system with the larger population will be given preference.



If two or more projects remained tied after implementation of tie-breaker #1, then #2 will be applied. If two or more projects remain tied after implementation of tie-breakers #1 & #2, then #3 will be applied. This tie-breaking method shall apply to projects listed on both the PPL and CPL.

**J. Project Priority List By-Pass Procedures**

If for some reason an applicant listed on a PPL encounters significant delays in their project schedule, the DPH reserves the right to by-pass that project and offer those funds to the next highest ranked project on the CPL that is ready to proceed. In these cases, the by-passed project will remain on the CPL and remain eligible for future funding. This by-pass process is necessary to help ensure that the available DWSRF funds will be committed and disbursed in a timely fashion.

The DPH Commissioner may make a project loan or loans with respect to an eligible drinking water project without regard to the priority list of eligible drinking water projects if a public drinking water supply emergency exists, pursuant to CGS Section 25-32b, which requires that the eligible drinking water project be undertaken to protect the public health and safety. In such cases of unexpected public drinking water supply emergencies there may be a need to by-pass projects on the PPL.

## APPENDIX A – PRIORITY POINT ACTIVITIES AND VALUES

### Category 1: Water Quality

Activity #	a. Immediate Action	Points	Exclusions <sup>1</sup>
1	Surface Water Treatment Rule Violation	50	None
2	Microbiological MCL Violation (E. Coli)	50	1
3	Nitrate MCL Violation	50	None
4	Nitrite MCL Violation	50	None
5	Lead Action Level Exceedance <sup>2</sup>	50	None
6	DPH Determination of Acute Health Risk for Other Contaminants	50	None
7	Arsenic	40	None
Activity #	b. Non-Acute MCL Violations	Points	Exclusions <sup>1</sup>
8	Radioactivity MCL Violations	30	None
9	Inorganic Chemical MCL Violations	30	3-7
10	Organic Chemical MCL Violations (excluding total trihalomethanes)	30	None
11	Pesticides, Herbicides and PCBs MCL Violations	30	None
12	Disinfection By-Product MCL Violations	30	None
Activity #	c. Other Contaminants of Health Concern	Points	Exclusions <sup>1</sup>
13	DPH Action Level Exceedance (excluding lead and copper)	25	5
14	Contaminant Exceeds 50% of MCL	20	1-12
15	Copper Action Level Exceedance	20	5,13
16	Sodium Notification Level Exceedance	5	9
Activity #	d. Physical/EPA Secondary MCL Exceedances	Points	Exclusions <sup>1</sup>
17	Turbidity Limit Exceedance	10	1
18	Odor Limit Exceedance	10	None
19	Color Limit Exceedance	10	None
20	pH Outside Range of 6.4 - 10	10	None
21	EPA Secondary MCL Exceedance	10	9,13,14,18-20
Activity #	e. Private Wells	Points	Exclusions <sup>1</sup>
22	Water Main Extension to Serve Private Wells with MCL Violations or Action Level Exceedances	30	1-21, 23
23	Creation of New PWS to Serve Private Wells with MCL Violations	30	1-22

<sup>1</sup> Exclusion column indicates activity #'s that would be ineligible for additional points if the activities associated with those points are the same. Where 2 or more activities conflict the higher point activity shall be assigned to the project. These potential exclusions are typically displayed with the lower point value activity.

<sup>2</sup> Eligible schools and child care facilities with lead levels at or above 75% of the lead action level would qualify for this activity.

**Category 2: Advanced Surface Water Treatment (Maximum 15 pts from this category)**

Activity #	Elements	Points	Exclusions <sup>1</sup>
24	Treatment Plant Upgrades to Address Future Known SDWA Rule or Requirement	15	None
25	Treatment Plant Upgrades to Address Emerging Contaminants	10	None

**Category 3: Water Supply /Conservation**

Activity #	a. Source Water Deficits (Maximum 40 pts from this subcategory)	Points	Exclusions <sup>1</sup>
26	New Groundwater Well Development	40	None
27	Rehabilitation of Existing Groundwater Wells	40	None
28	Interconnection to Purchase Water from Another Community PWS	40	None
Activity #	b. System Capacity Deficits	Points	Exclusions <sup>1</sup>
29	System Capacity Deficit	20	None
Activity #	c. Source Development (Maximum 10 pts from this subcategory)	Points	Exclusions <sup>1</sup>
30	New Groundwater Well Development	10	26
31	Rehabilitation of Existing Groundwater Wells	10	27
Activity #	d. Conservation/Water Loss Reduction	Points	Exclusions <sup>1</sup>
32	Installation of Source Water Meters (previously unmetered) <sup>3</sup>	25	26-28, 30,31
33	Installation of Distribution Meters (previously unmetered) <sup>3</sup>	25	None
34	Replacement of Source or Distribution Meters <sup>3</sup>	15	None
35	Incorporation of Advanced Metering Infrastructure (AMI) technology (real-time metering)	10	None
36	Water Transmission Main Rehabilitation or Replacement	15	None
37	Water Distribution Main Rehabilitation or Replacement	10	None
38	Project Will Significantly Reduce Water Loss (i.e. Unaccounted-for or Non-Revenue Losses)	10	32-35
Activity #	e. Water Main Extension to Replace Private Wells with Inadequate Supply	Points	Exclusions <sup>1</sup>
39	Water Main Extension	30	1-21, 23

<sup>3</sup> The primary purpose of the project must be for the installation or replacement of meters to qualify for these points.

**Category 4: Infrastructure Violations/Deficiencies/Safety Hazards/Failures**

Activity #	Elements	Points	Exclusions <sup>1</sup>
40	Infrastructure Violation/Deficiency/Safety Hazard/Failure (Source to Curb Stop)	10	32
41	Hydropneumatic Storage Tank Replacement/Elimination	50	None

**Category 5: Consolidation (Maximum 20 pts from Activities 43 and 44 combined)**

Activity #	Elements	Points	Exclusions <sup>1</sup>
42	Consolidation of a Community PWS	15 each	None
43	Consolidation of a Non-Transient Non-Community PWS	10 each	None
44	Consolidation of a Transient Non-Community PWS	5 each	None

**Category 6: Resiliency/Security**

Activity #	a. Resiliency	Points	Exclusions <sup>1</sup>
45	Regional Interconnection with Another Community PWS	15	28
46	Relocation of Critical Facilities <sup>4</sup>	10	None
47	Redundancy of Critical Facilities <sup>4</sup>	10	None
Activity #	b. Planning (Maximum 50 pts from this subcategory) <sup>5</sup>	Points	Exclusions <sup>1</sup>
48	Climate Change/Drought Planning	50	1-47, 49-64
49	Asset Management Planning	50	1-48, 50-64
Activity #	c. Security <sup>6</sup>	Points	Exclusions <sup>1</sup>
50	Security Fencing, Alarms, Surveillance Systems or Other Security Measures	5	None
Activity #	d. Emergency Power Provisions for Existing Critical Facilities	Points	Exclusions <sup>1</sup>
51	New (does not currently exist) <sup>7</sup>	50	1-50, 52-64
52	Replacement or Upgrades <sup>7</sup>	20	1-51, 53-64
53	Included as Part of a Larger Project	5	None

<sup>4</sup> Project must be supported by a formal resiliency or climate change plan to qualify for these points.

<sup>5</sup> Points are only awarded for the creation of an initial plan.

<sup>6</sup> Security points may awarded to projects with existing security provisions or for the installation of new security provisions.

<sup>7</sup> Project must be only an emergency power project to qualify for these points.

**Category 7: Other Capital Improvements**

Activity #	Elements	Points	Exclusions <sup>1</sup>
54	Treatment Facilities	10	None
55	Pumping Facilities	5	None
56	Storage Facilities	5	41
57	Transmission or Distribution System	5	36-37
58	Facility Automation (SCADA)	5	None
59	Complete Lead Service Line Replacement	10	None
60	Internal Building Piping Replacement (as part of Lead or Copper remediation)	10	None

**Category 8: Sustainability/Statewide Planning Recognition**

Activity #	Elements	Points	Exclusions <sup>1</sup>
61	Acquisition/Transfer of a Community PWS	10	None
62	Project is supported by an on-going Asset Management Program	10	63
63	Project is supported in a PWS's Water Supply Plan pursuant to RCSA Section 25-32d-3	5	62
64	Project Identified in a Statewide or Regional Water Planning Document under DPH oversight	10	None

**Category 9: Affordability**

Activity #	Elements	Points	Exclusions <sup>1</sup>
65	Distressed Community	10	None