

Drinking Water Project Profile Pre-Application



[Mapping Requirements](#)
[DWSRF Ranking Criteria](#)

Note: roman numerals reference
DWSRF Guidance Document

* Project Title:

This project is a REVISION
of a previous submitted Project Profile

Previously assigned WX #:

NARRATIVE [TAB]

* Legal Applicant:

* Project Schedule:

* Primary County:

* Project Description If Consolidating multiple PWS through merger, acquisition, or common management, a statement to the fact must be added in the project description.

* Need for the Project Briefly describe how this project promotes public health or achieves and/or maintains compliance with the Safe Drinking Water Act

Project Alternatives Note: If project includes the construction of a new treatment plant or upgrade to existing plant, please explain regionalization options here.

* Alternative A

* Alternative B

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APPLICANT [TAB]

* Legal Applicant:

Business Contact

First Name: MI: * Last Name:
Title:
* Phone: Cell:
E-Mail:

Authorized Official

* First Name: MI: * Last Name:
Title:
* Phone: Cell:
E-Mail:

ADMINISTRATION [TAB]

Project Administrator

* First Name: MI: * Last Name:
Title:
Organization:
* Phone: Cell:
E-Mail:

Applicant Contact

* First Name: MI: * Last Name:
Title:
Organization:
* Phone: Cell:
E-Mail:

Project Engineer

* First Name: MI: * Last Name:
* Phone: Cell:
* E-Mail:
* License #: * Firm Name:

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BUDGET AND SCHEDULE [TAB]

Estimated Budget As-Bid Budget

Project Cost Classification

Administrative Expenses: Legal

Expenses:

Land, Appraisals, Easements:

Relocation Expense & Payments:

Planning:

Engineering Fees - Design:

Engineering Fees - Construction:

Engineering Fees - Inspection:

Engineering Fees - Other:

Construction:

Equipment:

Miscellaneous:

Contingencies:

* **Total Project Cost:**

Construction Cost Categories

Treatment:

Transmission and Distribution:

Lead Remediation:

Source:

Storage:

Purchase of Systems:

Restructuring:

Land Acquisition:

Non-Categorized Cost:

Total Construction Cost:

Project Funding Sources (Project Readiness Points Received: 10**)

FUNDING SOURCE	AMOUNT	STATUS	APPLICABLE DATE
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Estimated Project Schedule

Estimate Environmental Review Submittal Date:

(Project Readiness Points Received: 10**)

Estimated Bid Date:

* Estimated Bid Date required if Funding Source is KIA SRF Fund F Loan (DW)

Estimated Construction Start Date:

* Estimated Construction Start Date required if Funding Source is KIA SRF Fund F Loan (DW)

Estimated Construction Completion Date:

Funding Source Notes:

**Project Readiness Points - Must meet all three criteria to receive points: 1) submitted plans to DOW for review, 2) Environmental Review cross cutter scoping process is complete, and 3) funding commitments from other funds or DWSRF is sole source.

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IMPACTS [TAB]

The following systems are beneficiaries of this project

DOW PERMIT ID	SYSTEM NAME

New Customers

New Residential Customers:

New Institutional Customers:

New Commercial Customers:

New Industrial Customers:

New or Improved Service

To Unserved Households: To

Underserved Households:

Economic Impacts

Jobs Created:

Jobs Retained:

COMPONENTS [TAB]

Administrative

Planning

Design

Construction

Management

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I. Regionalization

Public Water Systems Eliminated (No PFAS detected - Points Received: 100; PFAS detected at plant tap - Points Received: 100 (plus additional points in table¹); Other emerging contaminants detected at plant tap- Points Received: 125)

This project includes the elimination of public water system(s) through merger or acquisition. (elimination of a PWSID)

DOW PERMIT ID	SYSTEM NAME

Water Treatment Plants Eliminated

This project includes the elimination of a water treatment plant as a result of an interconnection (No PFAS detected - Points Received: 100; PFAS detected at plant tap - Points Received: 100 (plus additional points shown in table¹); Other emerging contaminants detected at plant tap- Points Received: 125)

(GIS) - Must have mapping for proposed point(s) snapped to existing point(s) and set TYPE to WATER TREATMENT PLANT and set STATUS to ELIMINATE and set PURPOSE to INTERCONNECT and set OTHPURPOSE to PFAS Detected

DOW PERMIT ID	SYSTEM NAME / FACILITY NAME

Consolidation of multiple PWS through a merger, acquisition, or common management*

This project includes an agreement to consolidate the management of multiple systems (Points Received: 100)

*** Explanation of how consolidation will be achieved is required and must be added to the Project Description**

¹Points received if PFAS is detected

PFOS or PFOA (ppt or ng/L)	
> 0 - 2	+ 15
2.01 - 4	+35
> 4	+100

Source DOW Guidance Document pages 3 - 4

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II. Public Health Criteria – Water Supply

Connection to a new raw water supply (No PFAS detected - Points Received: 100; PFAS detected - Points Received: 100 (plus additional points shown in table!))

This project includes connection to a new raw water supply.

(GIS) - Must have mapping for proposed line(s) and set ACTIVITY to EXTENSION - RAW WATER INTERCONNECT

DOW PERMIT ID	SYSTEM NAME

Connection to a new potable water supply for purchase or sale

(No PFAS detected - Points Received: 100; PFAS detected - Points Received: 100 (plus additional points in table1); Other emerging contaminants detected at plant tap- Points Received: 125)

This project includes connection to a new potable water supply.

(GIS) - Must have mapping for proposed line(s) and set ACTIVITY to EXTENSION - FINISHED WATER INTERCONNECT

DOW PERMIT ID	SYSTEM NAME

This project will preventatively address PFAS or other emerging contaminants of the source water.

This project will address current PFAS or other emerging contaminants of the source water.

This project includes the rehabilitation of a dam or reservoir used primarily for drinking water. (Points Received 10)

This project includes land acquisition for water source protection.

Acres to be purchased:

Cost per acre:

(GIS) - Must have mapping for proposed point(s) and set TYPE to SOURCE WATER PROTECTION and set PURPOSE to SOURCE WATER PROTECTION - LAND ACQUISITION

Land Use Control:

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III. Public Health Criteria – Treatment

This project includes water treatment components.

This project includes a new water treatment plant where one does not exist (No PFAS detected - Points Received: 10; PFAS detected - Points Received: see table below²; Other emerging contaminants detected at plant tap- Points Received: 20

This project includes redundant processes and/or emergency power generators at the treatment facilities. (Points Received: 10)

Proposed design capacity (MGD):

(GIS) - Must have mapping for proposed point(s) and set TYPE to WATER TREATMENT PLANT, STATUS to NEW, and set PROPOSED CAPACITY

Number of units provided:

(GIS) - Must have mapping for proposed point(s) and set TYPE to GENERATOR and set PURPOSE to GENERATOR - WATER TREATMENT PLANT

This project includes rehabilitation of an existing water treatment plant. (Points Received:25)

(GIS) - Must have mapping for proposed point(s) and set TYPE to WATER TREATMENT PLANT and STATUS to REHAB

Replacement of raw waterline (Points Received: 5)

²Points received if PFAS detected

PFOS or PFOA (ppt or ng/L)	
> 0 - 2	20
2.01 - 4	30
> 4	40

This project includes infrastructure options to meet Cryptosporidium removal/inactivation requirements.** (Points Received: 5)

This project includes infrastructure options to meet CT inactivation requirements.** (Points Received: 5)

This project includes treatment modifications to meet the Disinfectants/Disinfection Byproducts Rule at the water treatment plant.** (Points Received: 5)

This project will provide treatment modifications for VOCs, IOCs, SOC, or Radionuclides. (Points Received: 5)

Explanation of how OC/Radionuclides treatment modifications will be achieved:

** Explanation required of how modifications will be achieved:

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IV. Public Health Criteria - Distribution

This project replaces lines to address excessive water loss due to line leaks/
breaks and unaccounted-for water loss.

(GIS) - Must have mapping for proposed line(s) and set PURPOSE
to DISTRIBUTION - WATER EFF - LINE WATER LOSS

>16-30% water loss (Points Received 2)
31-45% water loss (Points Received 6)
>45% water loss (Points Received 10)

Twelve months of water loss calculations must
be provided to receive points for water loss

Finished Water Quality

This project includes infrastructure to address inadequate water turnover and disinfection byproducts (DBPs). Examples include
the installation of a tank mixing system or looping of waterlines to improve service.

Number of loops created:

DBP violations within the last state fiscal year (Points Received: 8)

Inadequate turnover and DBPs is addressed as follows:

No DBP violations within the last state fiscal year (Points Received: 4)

Finished Water - Redundant Equipment

This project includes emergency power generators for the distribution system. (Points Received: 5)

Number of units provided:

(GIS) - Must have mapping for proposed point(s) and set TYPE
to GENERATOR and set PURPOSE to GENERATOR - DISTRIBUTION SYSTEM

This project includes redundant distribution equipment and/or storage activities. (Points Received: 5)

Explain the redundant distribution equipment:

Water Line Extension of Service

Points for waterline extensions apply only to existing households. (Points Received: 10)

This project includes water line extension(s).

Length of extensions (LF):

Number of new connections:

(GIS) - Must have mapping for proposed line(s) and set ACTIVITY
to EXTENSION or EXTENSION - FINISHED WATER INTERCONNECT or EXTENSION -
RAW WATER INTERCONNECT or EXTENSION - EMERGENCY ONLY INTERCONNECT

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IV. Public Health Criteria - Distribution (continued)

Hydraulics and Storage

This project includes the construction of new water tank(s). (Points Received: 2 each, Points Received for multiple tanks: 5)

Number of new tank(s):

Proposed storage capacity of new tank(s) (GALLONS):

(GIS) - Must have mapping for proposed point(s) and set TYPE to WATER TANK, set STATUS to NEW, and set PROPOSED CAPACITY

Reason for increased storage:

This project includes the replacement of existing water tank(s).

Number of replacement tank(s):

Number of decommissioned tank(s):

Existing storage capacity of tank(s) being decommissioned (GALLONS):

Proposed storage capacity of replacement tank(s) (GALLONS):

(GIS) - Must have mapping for proposed points and set TYPE to WATER TANK, set STATUS to REPLACE - NEW, and set PROPOSED CAPACITY for replacement tank(s); AND set STATUS to REPLACE - DECOMMISSION, and set EXISTING CAPACITY for decommissioned tank(s)

Reason for replacement storage:

This project includes the rehabilitation of existing water tank(s). (Points Received: 5 for first 1 point for each additional tank, max 10)

Number of rehabilitated tanks:

(GIS) - Must have mapping for proposed point(s) and set TYPE to WATER TANK and set STATUS to REHAB

This project includes the construction of new pump station(s). (Points Received: 5 for first 1 point for each additional tank, max 10)

Number of new pump stations:

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION and set STATUS to NEW

This project includes new pump stations for boosting pressure.

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION, set STATUS to NEW, and set PURPOSE to PUMP - BOOST PRESSURE

This project includes new pump stations for filling water tanks.

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION, set STATUS to NEW, and set PURPOSE to PUMP - FILL TANK

This project includes the rehabilitation of existing pump station(s). (Points Received: 5 (1 point for each additional tank maximum of 10)

Number of rehabilitated pump stations:

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION and set STATUS to REHAB

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Water Distribution and Storage (continued)

V. SERVICE LINE INVENTORY

Points can be applied in this category for improving or continuing work on service line inventories, including locating and mapping lead service lines (LSL).

The inventory process can include: (check all that apply): [\(GIS\) - Must have mapping for proposed point. Set TYPE to LSL and PURPOSE to INVENTORY](#)
[Place one point at System Main Office location](#)

Inventory Development

Water system is improving or continuing work on service line inventories in digital/electronic format required by the Lead and Copper Rule Revisions for a service line inventory **(Points Received: 200)** (refer to Inventory Development LCRR field list on page 9 of DOW DWSRF Guidance Document)

- | | |
|--|--|
| Records review. | Developing water quality sampling procedures. |
| Incorporating processes during day-to-day operations. | Incorporating vacuum or hydro-excavation procedures and capabilities. |
| Establishing clear and effective methods to engage with the customers. | Implementing statistical analysis methods*. |
| Creating digital/electronic documentation procedures. | Creating or instituting emerging technologies and methods*. |
| | Distribution of point-of-use devices to reduce lead during LSL inventory. |
| | * Notify the DOW of use of emerging technologies and statistical analysis methods. |

Incorporating GIS to record inventory

Water Systems is using GIS procedures or methods to record the service line inventory **(Points Received: 10)**

Integrating service line inventory replacement into asset management planning

Points can be applied in this category for water systems that supply documentation detailing how service line inventory replacement will be incorporated into its asset management plan. **(Points Received: 10)**

Submit verification forms for asset management planning to DOW [PLACE HOLDER HERE]

VI. REPLACEMENT OF LEAD SERVICE LINE AND LEAD COMPONENTS

This project replaces Galvanized Requiring Replacement (GRR) Service Lines **(Points Received *)**

[\(GIS\) - Must have mapping for proposed point\(s\). Set TYPE to GRR, STATUS to REHAB, and PURPOSE to REPLACEMENT for each location of GRR replacement.](#)

*Galvanized Requiring Replacement (GRR) Service:

Community MHI at or above KY MHI	50
Community MHI 80%-99% of KY MHI	65
Community MHI < 80% of KY MHI	80

This project replaces Lead Service Lines and/or Components **(Points Received *)**

[\(GIS\) - Must have mapping for proposed point\(s\). Set TYPE to LSL, STATUS to REHAB, and PURPOSE to REPLACEMENT for each location of LSL replacement.](#)

*Lead Service Lines and/or Lead Components :

Community MHI at or above KY MHI	100
Community MHI 80%-99% of KY MHI	125
Community MHI < 80% of KY MHI	150

Plan in place to fund replacement of customer-owned sections of LSLs or GRR SLs **(Points Received: 20)**

Integration of SL replacement with other distribution system projects **(Points Received: 25)**

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VII. LEAD COMPLIANCE

Primary system has received a lead trigger level exceedance (lead concentrations exceed a trigger level of 10 ppb in more than 10% of customer taps sampled) within the last compliance period. (Points Received: 5)

VIII. SECURITY

This project includes security components for water treatment facilities. (Points Received: 5)

Explanation of how Treatment facility security is achieved:

(GIS) - Must have mapping for proposed point(s) and set TYPE to SECURITY and set PURPOSE to SECURITY - WATER TREATMENT PLANT or SECURITY - BOTH WTP & DISTRIBUTION SYSTEM

This project includes security components for water distribution infrastructure. (Points Received: 5)

Explanation of how Distribution infrastructure security is achieved::

(GIS) - Must have mapping for proposed point(s) and set TYPE to SECURITY, and set PURPOSE to SECURITY - DISTRIBUTION SYSTEM or SECURITY - BOTH WTP & DISTRIBUTION SYSTEM

IX. COMPLIANCE AND ENFORCEMENT

This project is necessary to achieve full or partial compliance with a court order, agreed order, or a judicial or administrative consent decree. (Points Received: 5)

Agreed Order Number:

Primary system has not received any SDWA Notices of Violation within the previous state fiscal year (July through June). (Points Received: 2)

This project relates to a public health emergency.

This project will assist a non-compliant system to achieve compliance.

This project will assist a compliant system to meet future requirements.

This project will provide assistance not compliance related

X. DISADVANTAGED COMMUNITY FINANCIAL NEED

Borrowers with a median household income (MHI) below 80 percent of the Commonwealth's MHI as determined by the current American Community Survey (ACS) 5-Year Estimate (Points Received: 25)

Borrowers with a MHI between 80 and 100 percent of the Commonwealth's MHI as determined by the current ACS 5-Year Estimate (Points Received: 15)

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XI. PLANNING

Asset Management

If a category is selected, the applicant must provide proof to substantiate claims. In order to complete this section, the documents must be submitted to the Area Development District Water Management Coordinator.

System has an Asset Management Plan that includes asset inventory, strategic plan and a capital improvement plan.

The AMP includes an Asset Inventory. (Points Received: 5; With GIS based inventory: 10 pts)

The AMP includes a Strategic Plan. (Points Received: 2)

The AMP includes a Capital Improvement Plan (Points Received: 5)

Water Bill as percentage of MHI

System's monthly wastewater bill, based on 4,000 gallons, as a percentage of Median Household Income is

Greater than or equal to 2.0%. (Points Received: 5)

Between 1 and 1.99% (Points Received: 2)

Below 1% (Points Received: 0)

If any box(es) above are checked, please describe each below.

The system(s) involved in this project have specifically allocated funds for the rehabilitation and replacement of aging and deteriorating infrastructure. (Points Received: 5)

If any box(es) above are checked, please describe each below.

System Financial Audits

System has a completed financial audit for each of the last three years (Points Received: 1)

Send audits to the Kentucky Infrastructure Authority via email to kia.loanapplications@ky.gov

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XII SUSTAINABLE INFRASTRUCTURE

Green Infrastructure (Points Received: 1 each with a maximum of 5)

Green stormwater infrastructure includes a wide array of practices at multiple scales that manage wet weather and that maintains and restores natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains, and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, green infrastructure consists of site- and neighborhood-specific practices, such as:

- Implementation of green streets.
- Wet Weather management systems for parking areas.
- Implementation of comprehensive urban forestry programs.
- Stormwater harvesting and reuse.
- Downspout disconnection.
- Comprehensive retrofit programs designed to keep wet weather discharges out of sewer systems.
- Establishment or restoration of riparian buffers, floodplains, wetlands or other natural features.
- Management of wetlands.
- Purchase of land or easements on land that has a direct benefit to water quality.

Bioretention	Cost:	Gray water use	Cost:
Green Streets	Cost:	Xeriscape	Cost:
Pervious or Porous Pavement	Cost:	Landscape conversion programs	Cost:
Rainwater harvesting / Cisterns	Cost:	Use of moisture and rain sensing equipment	Cost:

Total Green Infrastructure Costs:

If any box(es) above are checked, please describe each below.

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Water Efficiency (Points Received: 1 each with a maximum of 5)

EPA's WaterSense program defines water efficiency as use of improved technologies and practices to deliver equal or better services with less water. Water efficiency encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future. Examples include:

Installing or retrofitting water efficient devices such as plumbing fixtures and appliances (toilets, showerheads, urinals). Cost:

Installing any type of water meter in previously unmetered areas (can include backflow prevention if in conjunction with meter replacement). Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to MASTER METER, RADIO METER, or TRADITIONAL METER and set PURPOSE to WATER EFF - UNMETERED AREA

Replacing existing broken/malfunctioning water meters with AMR or smart meters, meters with leak detection, backflow prevention. Cost:

Retrofitting/adding AMR capabilities or leak equipment to existing meters. Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to MASTER METER, RADIO METER, or TRADITIONAL METER and set PURPOSE to WATER EFF - AMR CAPABILITIES

Developing water audit and conservation plans, which are reasonably expected to result in a capital project. Cost:

Recycling and water reuse projects that replace potable sources with non-potable sources (Gray water, condensate, and wastewater effluent reuse systems, extra treatment or distribution costs associated with water reuse). Cost:

Retrofit or replacement of existing landscape irrigation/agricultural systems to more efficient landscape/agricultural irrigation systems (rain and moisture sensing equipment) Cost:

Water meter replacement with traditional water meters.* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to TRADITIONAL METER and set PURPOSE to WATER EFF - TRADITIONAL METERS

Distribution pipe replacement or rehabilitation to reduce water loss and prevent water main breaks.* Cost:

(GIS) - Must have mapping for proposed line(s) and set ACTIVITY to REHAB - REPLACE LEAD AND/OR ASBESTOS-CEMENT LINES, REHAB - REPLACE PROBLEM LINES, or REHAB - REPLACE UNDERSIZED LINES and set PURPOSE to DISTRIBUTION - WATER EFF - LINE WATER LOSS

Storage tank replacement/rehabilitation to reduce water loss.* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to WATER TANK and set PURPOSE to WATER EFF - TANK WATER LOSS

New water efficient landscape irrigation system, (where there currently is not one).* Cost:

Total Water Efficiency Costs:

*Denotes that a Business Case may be Required. If any box(es) above (previous page) are checked, please describe each below.

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Energy Efficiency (Points Received: 1 each with a maximum of 5)

Energy efficiency is the use of improved technologies and practices to reduce the energy consumption of water projects, use energy in a more efficient way, and/or produce/utilize renewable energy. Examples include:

Renewable energy projects, which are part of a public health project, such as wind, solar, geothermal, and micro-hydroelectric that provides power to a utility. Cost:

Utility-owned or publicly-owned renewable energy projects. Cost:

Utility energy management planning, including energy assessments, energy audits, optimization studies, and sub-metering of individual processes to determine high energy use areas. Cost:

Energy efficient retrofits, upgrades, or new pumping systems and treatment processes (including variable frequency drives (VFDs)).* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION, WATER PUMP, or WATER TREATMENT PLANT and set PURPOSE to ENERGY EFF - VFD DEVICE

Pump refurbishment to optimize pump efficiency.* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION, WATER PUMP, or WATER TREATMENT PLANT and set PURPOSE to ENERGY EFF - PUMP EFFICIENCY

Projects that result from an energy efficient related assessment.* Cost:

Projects that cost effectively eliminate pumps or pumping stations.* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to PUMP STATION, WATER PUMP, or WATER TREATMENT PLANT and set PURPOSE to ENERGY EFF - PUMP ELIMINATION

Projects that achieve the remaining increments of energy efficiency in a system that is already very efficient.* Cost:

Upgrade of lighting to energy efficient sources.* Cost:

Automated and remote control systems (SCADA) that achieve substantial energy savings.* Cost:

(GIS) - Must have mapping for proposed point(s) and set TYPE to SCADA, set STATUS to NEW or REHAB, and set PURPOSE to ENERGY EFF - SCADA

Total Energy Efficiency Costs:

*Denotes that a Business Case may be Required. If any box(es) above (previous page) are checked, please describe each below.

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Environmentally Innovative (Points Received: 1 each with a maximum of 5)

Environmentally innovative projects include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way. Examples include:

- | | |
|---|-------|
| Total integrated water resources management planning likely to result in a capital project. | Cost: |
| Utility sustainability plan consistent with EPA's sustainability policy. | Cost: |
| Greenhouse gas inventory or mitigation plan and submission of a GHG inventory to a registry as long as it is being done for an SRF eligible facility. | Cost: |
| Planning activities by a POTW to prepare for adaptation to the long-term effects of climate change and/or extreme weather. | Cost: |
| Construction of US Building Council LEED certified buildings, or renovation of an existing building on POTW facilities. | Cost: |
| Decentralized wastewater treatment solutions to existing deficient or failing onsite wastewater systems. | Cost: |
| Constructed wetlands projects used for municipal wastewater treatment, polishing, and/or effluent disposal.* | Cost: |
| Projects that result from total/integrated water resource management planning consistent with the decision criteria for environmentally innovative projects and that are SRF eligible.* | Cost: |
| Projects facilitates adaptation of POTWs to climate change identified by a carbon footprint assessment or climate adaption study.* | Cost: |
| POTW upgrades or retrofits that remove phosphorus for beneficial use, such as biofuel production with algae.* | Cost: |
| Projects that significantly reduce or eliminate the use of chemicals in wastewater treatment.* | Cost: |
| Treatment technologies that significantly reduce the volume of residuals, generation of residuals, or lower the amount of chemicals in the residuals.* | Cost: |
| Educational activities and demonstration projects for water or energy efficiency.* | Cost: |
| Projects that achieve the goals/objectives of utility asset management plans.* | Cost: |
| Sub-surface land application of effluent and other means for groundwater recharge, such as spray irrigation and overland flow.* | Cost: |

*Denotes that a Business Case may be Required.

Total Environmentally Innovative Costs:

If any box(es) above are checked, please describe each below.

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XIII. PROJECT READINESS (Project Readiness Points Received: 10**)

Borrower has submitted complete technical plans to the Division of Water; and,

Borrower has conducted a full environmental review (list date in Estimated Project Schedule, page 3) for all components of the project or has completed the cross-cutter scoping process (including eClearinghouse, US Fish and Wildlife Service, National Resources Conservation Service, U. S. Fish and Wildlife, and U. S. Army Corps of Engineers); and,

Borrower has received funding commitments from other funding sources; or the DWSRF is the sole source of funding. (listed in Project Funding Sources, page 3)

Plans and Specifications

Technical plans and specs have been sent to DOW.

Date:

Technical and specs have been sent to PSC.

Date:

Technical and specs have been reviewed by DOW.

Date:

Technical and specs have been reviewed by PSC.

Date:

**Project Readiness Points - Must meet all three criteria to receive points: 1) submitted plans to DOW for review, 2) Environmental Review cross cutter scoping process is complete, and 3) funding commitments from other funds or DWSRF is sole source.

XIV. LEAD PROJECT READINESS

Points can be applied if the following elements of a LSL inventory or replacement plan are submitted to the DOW or uploaded into the WRIS. Documents must be submitted to the Division of Water in order to receive points in this category.

Lead Service Line Inventory (Points Received: 10)

The following documents must be submitted to the DOW for proposed lead service line inventory projects:

A description of goals to be achieved and products to be created (e.g., electronic or GIS database; customer communication tools) when creating a lead service line inventory procedure, including a proposed timeline for achieving each goal.

Lead Service Line Replacement (Points Received: 25)

The following documents must be submitted to the DOW for proposed lead service line replacement projects:

A strategy for informing customers before a LSLR and a template for an agreement with the private property owner to replace the LSL; and,

A process for documenting all property owners declining replacement of privately owned portion of LSL; and,

A procedure for customers to flush service lines and premise plumbing of particulate lead; and,

A proposed plan for conducting LSL replacement utilizing all requested funding; and,

A funding strategy for conducting LSLRs utilizing all requested funding.