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lase d		 Fencing to keep livestock out of streams and stream buffers 	 Fencing to keep livestock out of streams and stream buffers
ss C lire			
equ			
lusi R			
щ	Publicly Owned:	• Green streets	• Green streets
	Green streets	Permeable pavement	Permeable pavement
	Permeable pavement	Bioretention	Bioretention
	Bioretention	• Trees	• Trees
	• Trees	Green roofs	Green roofs
	Green roofs	 Constructed wetlands 	 Constructed wetlands
	Constructed wetlands	 Other practices that mimic natural 	 Other practices that mimic natural
Ð	Other practices that mimic natural	hydrology to prevent wet weather flows	hydrology to prevent wet weather flows
.di	hydrology to prevent wet weather flows	Equipment to maintain green streets	Equipment to maintain green streets
ßli€	Equipment to maintain green streets	Vactor trucks Other equipment	Vactor trucks Other equipment
Ч	• Other equipment	Other equipment Street tree/urban forestry	Street tree/urban forestry
all	Street tree/urban forestry	•Expansion of tree hoxes	•Expansion of tree hoxes
ric	•Expansion of tree boxes	Stormwater harvesting/reuse	Stormwater harvesting/reuse
60	Stormwater harvesting/reuse	Cisterns	Cisterns
ate	Cisterns	Distribution pipes	 Distribution pipes
0	 Distribution pipes 	 Downspout disconnection 	 Downspout disconnection
	Downspout disconnection	Riparian buffers	Riparian buffers
	Riparian buffers	Floodplains	Floodplains
	• Floodplains	Wetlands	• Wetlands
	Weildlius Bioengineered streambank	Bioengineered streambank Stream daylighting	Bioengineered streambank Stream daylighting
	Stream daylighting	Sustainable landscaning and site design	Sustainable landscaning and site design
	Sustainable landscaping and site design	Fee simple land purchase or easement	Fee simple land purchase or easement
	Stormwater controls with imporvious or	Stormwater controls with impervious or	Stormwater controls with impervious or
	semi-impervious liners with no evapotranspi	semi-impervious liners with no evapotranspi	semi-impervious liners with no evapotranspi
	ration or harvesting functions	ration or harvesting functions	ration or harvesting functions
	 Stormwater ponds with extended detention 	Stormwater ponds with extended detention	Stormwater ponds with extended detention
	and/or filtration	and/or filtration	and/or filtration
	 Dirt-lined detention basins 	Dirt-lined detention basins	 Dirt-lined detention basins
	In-line or end-of-pipe treatment systems	 In-line or end-of-pipe treatment systems 	In-line or end-of-pipe treatment systems
	that only filter or detain stormwater	that only filter or detain stormwater	that only filter or detain stormwater
le	Underground stormwater control	Swirl concentrators	Swirl concentrators
őib	Swill concentrators Hydrodynamic separators	Hydrodynamic separators	Hydrodynamic separators
eli	Baffle systems for grit	Baffle systems for grit	Baffle systems for grit
In	Trash/floatables removal	 Trash/floatables removal 	Trash/floatables removal
н Н	Oil and grease	 Oil and grease 	Oil and grease
B	Inflatable booms	Inflatable booms	Inflatable booms
БЪ	 Dams for in-line underground storage 	 Dams for in-line underground storage and 	 Dams for in-line underground storage and
USJ	and flow diversion	flow diversion	flow diversion
CW	 Stormwater conveyance systems that are 	 Stormwater conveyance systems that are 	Stormwater conveyance systems that are
	not soil/vegetation-based	Dines and concrete channels	 Dipes and concrete channels
	Pipes and concrete channels	Hardening, channelizing or straightening	Hardening channelizing or straightening
	streams and/or stream banks	streams and/or stream banks	streams and/or stream banks
	Street sweepers sewer cleaners and	 Street sweepers, sewer cleaners and 	Street sweepers. sewer cleaners and
	vactor trucks (unless they support green	vactor trucks (unless they support green	vactor trucks (unless they support green
	infrastructure projects)	infrastructure projects)	infrastructure projects)

Energy Enficiences

 Publicly Owned: POTW projects or unit process projects that achieve less than a 20% energy efficiency improvement (Non-categorical) projects implementing recommendations from an energy audit Projects that cost effectively eliminate pumps or pumping stations Infiltration/inflow correction projects that save energy I/I correction projects where excessive groundwater infiltration is requiring unnecessary treatment processes Replacing pre-Energy Policy Act of 1992 motors with NEMA premium efficiency motors Upgrade of POTW lighting to energy efficient sources Metal halide pulse start technologies Compact fluorescent Light emitting diode (LED) SCADA systems Variable Frequency Drives 	 Projects that cost effectively eliminate pumps or pumping stations 	 Treatment works projects or unit process projects that achieve less than a 20% energy efficiency improvement (Non-categorical) projects implementing recommendations from an energy audit Projects that cost effectively eliminate pumps or pumping stations Infiltration/inflow correction projects that save energy I/I correction projects where excessive groundwater infiltration is requiring unnecessary treatment processes Replacing pre-Energy Policy Act of 1992 motors with NEMA premium efficiency motors Upgrade of treatment works lighting to energy efficient sources Metal halide pulse start technologies Compact fluorescent Light emitting diode (LED) SCADA systems Variable Frequency Drives
 Publicly Owned: Renewable energy source for a POTW Wind Solar Geothermal Micro-hydroelectric Biogas combined heat and power (CHP) Projects that achieve 20% reduction in energy consumption Collection system I/I detection equipment POTW energy management planning (reasonably expected to result in a capital project) Energy assessments Energy audits Optimization studies Sub-metering individual processes 	Projects that achieve 20% reduction in energy consumption	 Renewable energy source for a treatment works Wind Solar Geothermal Micro-hydroelectric Biogas combined heat and power (CHP) Projects that achieve 20% reduction in energy consumption Collection system I/I detection equipment Treatment works energy management planning (reasonably expected to result in a capital project) Energy audits Optimization studies Sub-metering individual processes
 Privately owned renewable energy generation The portion of a publicly owned renewable energy facility that does not provide power to a POTW Simply replacing a piece of equipment that is at the end of its useful life with something of average efficiency Facultative lagoons Hydroelectric facilities 		 The portion of a renewable energy facility that does not provide power to a treatment works Simply replacing a piece of equipment that is at the end of its useful life with something of average efficiency Facultative lagoons Hydroelectric facilities

Categorically Eligible

CWSRF GPR Ineligible

Water Estisiency

Business Case Required	 Publicly Owned: Water meter replacement with traditional water meters Projects that result from a water audit Storage tank replacement/rehabilitation New water efficient landscape irrigation 	 Projects that result from a water audit New water efficient landscape irrigation New water efficient agricultural irrigation 	 Water meter replacement with traditional water meters Projects that result from a water audit Storage tank replacement/rehabilitation New water efficient landscape irrigation New water efficient agricultural irrigation
Categorically Eligible	 Publicly Owned: Install or retrofit water efficient devices Plumbing fixtures Appliances Water conservation incentive programs Rebates Install water meters in previously unmetered areas (if rate structure is based on metered use) Backflow prevention devices (installed in conjunction with meter replacement) Replace broken water meters or upgrade existing meters with: Automatic meter reading systems Advanced metering infrastructure Smart meters Meters with built-in leak detection Backflow prevention devices (installed in conjunction with meter replacement) Retrofit existing meters to add AMR capability or leak detection equipment Water audit and water conservation plans Recycling and water reuse projects that replace potable sources with non-potable Gray water/condensate/wastewater effluent reuse systems Extra treatment costs and distribution pipes associated with water reuse Retrofit or replace landscape irrigation systems with more efficient systems Moisture and rain sensing controllers 	 Water audit and water conservation plans Recycling and water reuse projects that replace potable sources with non-potable Gray water/condensate/wastewater effluent reuse systems Retrofit or replace landscape irrigation systems with more efficient systems Moisture and rain sensing controllers Replace or retrofit existing agricultural irrigation systems with more efficient systems 	 Install or retrofit water efficient devices Plumbing fixtures Appliances Water conservation incentive programs Rebates Install water meters in previously unmetered areas (if rate structure is based on metered use) Backflow prevention devices (installed in conjunction with meter replacement) Replace broken water meters or upgrade existing meters with: Automatic meter reading systems Advanced metering infrastructure Smart meters Meters with built-in leak detection Backflow prevention devices (installed in conjunction with meter replacement) Retrofit existing meters to add AMR capability or leak detection equipment Water audit and water conservation plans Recycling and water reuse projects that replace potable sources with non-potable Gray water/condensate/wastewater effluent reuse systems Extra treatment costs and distribution pipes associated with water reuse Retrofit or replace landscape irrigation systems with more efficient systems Moisture and rain sensing controllers Replace or retrofit existing agricultural irrigation systems with more efficient systems
CWSRFF GFRF INELIGIDIE	 Replacing uninking water distribution lines Leak detection equipment for drinking water distribution systems (except reuse) 	 Agricultural flood irrigation Lining of canals to reduce water loss 	 Agricultural flood irrigation Lining of canals to reduce water loss Replacing drinking water distribution lines Leak detection equipment for drinking water distribution systems (except reuse)

nviranmentally Innov₃₂₀ive

Business Case Required	 Publicly Owned: Constructed wetlands projects used for municipal wastewater treatment, polishing, and/or effluent disposal Projects or project components resulting from total/integrated water resource management planning Projects that facilitate POTW adaptation to climate change identified by a carbon footprint analysis or climate adaptation study POTW upgrades or retrofits that remove phosphorus for biofuel production Projects that significantly reduce or eliminate the use of chemicals in wastewater treatment Treatment techologies or approaches that significantly reduce the volume of residuals or lower chemical volume in residuals Educational activities and demonstration projects for water or energy efficiency Projects that achieve the goals of utility asset management plans Sub-surface land application of effluent and other means for ground water recharge such as spray irrigation and overland flow 	 Projects or project components resulting from total/integrated water resource management planning Educational activities and demonstration projects for water or energy efficiency 	 Constructed wetlands projects used for municipal wastewater treatment, polishing, and/or effluent disposal Projects or project components resulting from total/integrated water resource management planning Projects that facilitate treatment works adaptation to climate change identified by a carbon footprint analysis or climate adapta tion study Treatment works upgrades or retrofits that remove phosphorus for biofuel production Projects that significantly reduce or eliminate the use of chemicals in wastewater treatment Treatment techologies or approaches that significantly reduce the volume of residuals or lower chemical volume in residuals Educational activities and demonstration projects for water or energy efficiency Projects that achieve the goals of utility asset management plans Sub-surface land application of effluent and other means for ground water recharge such as spray irrigation and overland flow
Categorically Eligible	 Publicly Owned: Total/integrated water resources manage ment planning likely to result in a capital project Utility Sustainability Plan Greenhouse gas (GHG) inventory or mitigation plan POTW planning activities to adapt to long-term effects of climate change and/or extreme weather Construction of LEED certified buildings or renovation of an existing building on POTW facilities Decentralized wastewater treatment solutions Individual onsite systems Cluster systems 	 Total/integrated water resources manage ment planning likely to result in a capital project Construction of LEED certified buildings 	 Total/integrated water resources manage ment planning likely to result in a capital project Utility Sustainability Plan Greenhouse gas (GHG) inventory or mitigation plan Treatment works planning activities to adapt to long-term effects of climate change and/or extreme weather Construction of LEED certified buildings or renovation of an existing building on treatment works facilities Decentralized wastewater treatment solutions Individual onsite systems Cluster systems
CWSRF GPR Ineligible	 Air scrubbers to prevent nonpoint source deposition Facultative lagoons Surface discharging decentralized wastewater systems Higher seawalls to protect POTWs from rising sea levels Reflective roofs at POTW 	Air scrubbers to prevent nonpoint source deposition	 Air scrubbers to prevent nonpoint source deposition Facultative lagoons Surface discharging decentralized wastewater systems Higher seawalls to protect treatment works from rising sea levels Reflective roofs at treatment works