

State Asset Management Initiatives

Why was this information compiled?

During the September 2010 National Capacity Development/Operator Certification Workshop, participants identified a need for more information and resources to assist small systems in the development of managerial capacity. A workgroup was formed to evaluate and report best practices in building and evaluating managerial capacity. Part of the workgroup's efforts included looking into how states were utilizing asset management practices to help strengthen water system managerial capacity. The workgroup has developed a matrix summarizing what initiatives states are taking in regard to asset management.

Where did the information in this matrix come from?

The workgroup initially reviewed asset management activities that states gave as responses to two separate survey initiatives. The first was a survey (requested by Julie Smoak from Kentucky Department for Environmental Protection, Division of Water) in December 2010 asking states about Public Water Systems' use of Asset Management and Emergency Response Plans. This survey consisted of four Yes/No questions. Thirty (30) states and the Navajo Nation responded to the information request.

The second was a series of surveys sent out by the Sustainable Infrastructure subgroup of the EPA/State SRF Workgroup (led by Stacy Barna from the Texas Water Development Board) from Spring 2008-Summer 2011 to determine what states were currently implementing for Sustainable Infrastructure and how these initiatives are incorporated in their state SRF program. This series of surveys consisted of 10 open-ended questions; the compilation of survey results showed that states gave asset management as part of their response for four of these questions. Thirty-seven (37) states and Puerto Rico provided responses to this information request.

An opportunity to update and/or provide additional information to a previous draft of this matrix (dated 10/27/11) was provided by ASDWA in October - November 2011. Twelve (12) states provided additional or revised information on their asset management activities. Another opportunity to update state initiatives was provided through the State/EPA Asset Management Workgroup in June - August 2012. Three (3) states provided updates to their activities. These additional updates are reflected in this document.

Would you like to update or include your asset management initiatives?

If you would like to have additional state activities incorporated or revised in this matrix, contact Bridget O'Grady at bogrady@asdwa.org.

Asset Management State Initiatives Matrix

Last Revised: 11/01/12

	Asset Management Funding Activities				Asset Management Regulatory Activities					Asset Management Assistance Activities							Asset Management Internal Activities			
	SRF Priority Points	Funding For AM Planning	Utilizes DWSRF Set-Asides	Loan Condition	Required Training	Sanitary Survey	Planning Requirements	Capacity Development Strategy	Needs Assessment	Training	Outreach	CUPSS Support	On-Site Technical Assistance	Guidance Document	Questions in Capacity Assessments	State Specific Workgroup Meetings	Participates in State/EPA AM Workgroup	Training for State Staff	Considering Incentives in SRF Program	Considering a Requirement
Alabama	X							X				X								
Alaska														X						
Arizona																X				
Arkansas	X		X				X					X	X			X				
California									X											
Colorado																X				
Connecticut						X			X	X	X	X	X				X	X		
Delaware			X							X	X					X	X	X		
Florida									X										X	
Georgia																				
Hawaii		X	X				X				X	X							X	
Idaho																X				
Illinois				X		X		X	X	X						X			X	
Indiana														X						
Iowa									X			X					X	X		
Kansas									X				X			X				
Kentucky	X	X	X			X	X	X	X	X	X	X	X	X		X	X			
Louisiana													X							
Maine			X		X						X		X	X		X				
Maryland	X															X				
Massachusetts		X	X	X		X	X	X	X	X	X	X	X	X		X	X			X
Michigan		X					X				X					X				
Minnesota																			X	
Mississippi																				
Missouri																				
Montana		X							X	X		X	X						X	
Nebraska																X				

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Nevada																				
New Hampshire		X	X	X		X			X	X		X			X		X	X	X	X
New Jersey	X						X							X			X	X	X	
New Mexico	X	X	X	X		X				X	X				X		X	X	X	X
New York	X	X										X	X				X		X	X
North Carolina																	X	X		
North Dakota																				
Ohio	X									X		X		X						
Oklahoma												X		X						
Oregon													X							
Pennsylvania	X						X	X		X							X		X	X
Puerto Rico																				
Rhode Island							X								X		X			
South Carolina														X						
South Dakota															X					
Tennessee																				
Texas		X	X						X								X		X	
Utah																	X			
Vermont			X				X			X	X	X		X		X		X	X	
Virginia						X				X	X	X		X			X	X		
Washington				X		X	X	X		X	X	X	X	X	X	X	X			
West Virginia		X		X							X			X	X		X			
Wisconsin						X						X		X	X		X			
Wyoming																				

State Asset Management Initiatives Descriptions

Last revised: 11/01/12

(Assume activities apply to both Drinking Water and Wastewater unless otherwise specified)

Asset Management Funding Activities

Title	State	Description
Provides SRF Priority Points for Asset Management	Alabama	Bonus points for sustainability measures including asset management (CWSRF only)
	Arkansas	
	Kentucky	Sustainable Infrastructure incentive points in ranking criteria
	Maryland	Additional priority points for Asset Management and/or Environmental Management System
	New Jersey	25 points for current asset inventory or rate setting study; 50 points for 5 year Capital Improvement Plan
	New Mexico	New Mexico does not give priority points for asset management. However, to get on the Fundable Priority List, water systems must meet two of several managerial capacity criteria, which include an Asset Management Plan (DWSRF only).
	New York	Priority points added for projects that include developing an asset management plan
	Ohio	1 to 5 additional points allowed for asset management (overall change to list is minimal)
Pennsylvania	Priority points added to include incentives to repair/rehabilitate existing infrastructure rather than buy new infrastructure (CWSRF only)	
Funding For Asset Management Planning	Hawaii	
	Kentucky	SRF set-aside assistance is available via the Capacity Development Assistance Program for small systems (serving under 10,000 persons), also systems can fold in asset management plans as part of a capital project (DWSRF only)
	Massachusetts	Development of an asset management/capital improvement plan can be financed through an SRF loan
	Michigan	Currently we have legislation waiting for action which will provide \$2 funding for wastewater asset management plans (details of what will be required have not been determined. Awaiting approval) (Wastewater only)
	Montana	Montana's Department of Natural Resources and Conservation offers planning grants that can be used to incorporate asset management planning into capital improvement plans
	New Hampshire	Asset Management & Financial Planning matching grant program – 50% match up to \$15,000 for Community Water Systems serving populations of 500 or greater.

	New Mexico	Funding is available for asset management planning/implementation (CWSRF only)
	New York	Asset management planning is a reimbursable expense (DWSRF only)
	Texas	Asset management planning can be funded as part of comprehensive SRF construction project
	West Virginia	Cost of developing asset management plan must be included in the loan (DWSRF only)
Utilizes DWSRF Set-Asides for Asset Management Training/ Technical Assistance	Arkansas	
	Delaware	[See CUPSS Support under Asset Management Assistance Activities below] (DWSRF only)
	Hawaii	Funds on-site technical assistance provided by RCAC (DWSRF only)
	Kentucky	SRF set-aside assistance is available via the Capacity Development Assistance Program for small systems (serving under 10,000 persons), also systems can fold in AM plans as part of a capital project (DWSRF only)
	Maine	Uses set-asides to fund RCAP to provide asset management training and technical assistance. [Also see CUPSS Support under Asset Management Assistance Activities below] (DWSRF only)
	Massachusetts	MassDEP has provided some grants for capital improvement planning in the past. This may continue in the future contingent upon sufficient funding from EPA for the state DWSRF programs
	New Hampshire	Contracted with consultant to prepare state-wide infrastructure needs assessment
	New Mexico	Planning to use set-asides to fund development and delivery of performance based training for asset management (DWSRF only)
	Texas	Uses set-asides to fund training, including asset management training (DWSRF only)
	Vermont	
Asset Management as a Condition of Loan Agreement	Illinois	Done indirectly through Illinois' requirements to show an ability to repay loans.
	Massachusetts	A rating of adequate capacity is necessary to qualify for a loan. A rating of conditional capacity may still allow a Public Water System to qualify for a loan but only if there is an enforceable plan in place to achieve adequate capacity (Drinking Water only)
	New Hampshire	Small disadvantaged systems receiving principle forgiveness of DWSRF loan are required to work with the state to develop an asset management plan
	New Mexico	"At risk" utilities required to prepare Asset Management Plans (CWSRF only)
	Washington	Requires a comprehensive plan that includes aspects of asset management, including a balanced budget, list of planned improvements and a plan for funding the improvements (DWSRF only)
	West Virginia	Required as a condition in bonds for systems receiving West Virginia Drinking Water Treatment Revolving Fund (DWTRF) funding (also track

compliance) (DWSRF only)

Submit Asset Management Plans as a condition of loan

Asset Management Regulatory Activities

Title	State	Description
Asset Management Training Requirement	Maine	Training for water superintendant, at least one board member, treasurer and a town management official are required for systems receiving the Disadvantaged Community subsidy assistance. Training results in an Asset Management Plan. (DWSRF only)
Asset Management Questions within Sanitary Survey	Connecticut	Incorporated additional questions on asset management into the sanitary survey (Drinking Water only)
	Illinois	Illinois EPA completes a capacity development questionnaire during the sanitary survey for community water supplies including questions regarding asset management (Drinking Water only)
	Kentucky	Systems are asked if they have an asset management plan; asset management planning resources are discussed and distributed during the sanitary survey (Drinking Water only)
	Massachusetts	Asset management questions and language have been added to the sanitary survey report (Drinking Water only)
	New Hampshire	Include asset management questions and language in sanitary survey report (Drinking Water only)
	New Mexico	System is asked if it has, or is in the process of developing, an asset management plan (Drinking Water only)
	Virginia	Incorporated questions into sanitary survey effective June 2011 (Drinking Water only)
	Washington	In 2011, incorporated additional financial/managerial questions, some of which confirm whether the system completed a component inventory and assessment, list of system improvements, and operating budget (Drinking Water only)
	Wisconsin	Discuss capital improvement/replacement plans, and preventive maintenance plans during surveys (Drinking Water only)
Asset Management Planning Requirements	Arkansas	Requires all Community and Non-Transient Non-Community Water Systems to have a Long Range Plan (contains elements related to asset management) (Drinking Water only)
	Hawaii	Requires all new Community and Non-Transient Non-Community Water Systems to have a 5-10 year business plan (containing elements related to asset management) (Drinking Water only)
	Kentucky	In process of incorporating asset management concepts into Wastewater Planning Regulations (401 KAR 5:006) (Wastewater only)
	Massachusetts	MassDEP requires all new or substantially modified Public Water

		Systems to demonstrate capacity. MassDEP may require a system to undertake planning and to implement actions identified in the planning document if there is also technical violation
	Michigan	General Plan requirement rules were modified to include some asset management planning such as inventory of water mains by size, material and age; and 5 and 20 year Capital Improvement Plans (Rules 325.11601 – 325.11606 of PA 399 of 1976) (Drinking Water only)
		Upcoming changes to NPDES permits will include asset management inventory and OM&R budget and rate setting info for systems of 1MGD or greater. Department plans are for expanding to all communities with NPDES permits (Wastewater only)
	New Jersey	Currently drafting a yearly water system evaluation and assistance contract to include Asset Management (Drinking Water only)
	Pennsylvania	Existing regulations governing the operation of drinking water and wastewater treatment systems in Pennsylvania require a business plan as part of the permitting requirements for an operational permit
	Rhode Island	Elements of the Water Supply System Management Plan incorporate asset management principles such as system management, including system safety and reliability, infrastructure maintenance, repair, and reduction of leakage (TITLE 46 Waters and Navigation CHAPTER 46-15.3 Public Drinking Water Supply System Protection) (Drinking Water only)
	Washington	Requires a comprehensive plan for all systems that includes aspects of asset management, including a balanced budget, list of planned improvements and a plan for funding the improvements
Asset Management within Capacity Development Strategy	Alabama	Alabama conducts capacity development reviews of water systems and review asset management as part of the review. If water systems do not respond to the recommendations, Alabama may take enforcement action against the system. (Drinking Water only)
	Illinois	Includes asset management principles in Capacity Development Strategy (Drinking Water only)
	Kansas	Includes asset management principles in Capacity Development Strategy (Drinking Water only)
	Kentucky	Kentucky's 2008 revision of its Capacity Development Strategy includes a discussion on the importance of planning for infrastructure maintenance and replacement (Drinking Water only)
	Massachusetts	MassDEP includes asset management principles in their Capacity Development Strategy (Drinking Water only)
	Pennsylvania	Revising its Drinking Water Capability Enhancement Program Strategy (i.e., Capacity Development Strategy) to further incorporate the principles for Sustainable Infrastructure and to more effectively utilize funds from the 15% DWSRF Set-Asides. The strategy will include an updated statewide rating process that will include asset management implementation criteria. (Drinking Water only)
	Vermont	
	Washington	Comprehensive planning is a fundamental component of DOH's Capacity Development Strategy. All systems are required to plan, and planning requirements include aspects of asset management, including a balanced budget, list of planned improvements and a plan for funding the improvements. (Drinking Water only)

Asset Management and the Infrastructure Needs Assessment	Illinois	Illinois utilizes the Drinking Water Infrastructure Needs Assessment (DWINSA) as an opportunity to encourage asset management planning. The information provided regarding inventory and other planning data gathered for the DWINSA raises awareness and can opens a dialogue between state regulators and local officials. (Drinking Water only)
	Massachusetts	MassDEP provides all the public water systems that they are working with for the Drinking Water Infrastructure Needs Assessment (DWINSA) survey an asset management plan based on the inventory and other existing planning data gathered
	New Hampshire	
	Texas	TCEQ is providing all the PWS's they are working with for the Drinking Water Infrastructure Needs Assessment (DWINSA) an asset management plan based on the inventory and other planning data gathered for the DWINSA (Drinking Water only)

Asset Management Assistance Activities

Title	State	Description
Asset Management Training	California	Systems use a web-based tool to assess TMF capabilities. Results of the tool may direct systems to asset management training
	Connecticut	Sponsored EPA's Advanced Asset Management Training in March 2009 for 60 representatives from water and wastewater utilities
	Florida	Co-sponsored with RWA an Asset Management Workshop in Fall 2008
	Illinois	Sponsor EPA's Advanced Asset Management Training annually Illinois EPA partners with the Illinois Environmental Resource Training Central, Illinois Rural Water Association, Illinois Section of the American Water Works Association, and other State and local stakeholder groups to provide feedback on educational programs for water supply officials. Asset management training has been provided as part of these training opportunities.
	Iowa	Sponsored EPA's Advanced Asset Management Training
	Kansas	
	Kentucky	Kentucky Capacity Development staff have developed an asset management training which includes hands-on exercises. This training has been delivered at various meetings, including Area Development Districts, Rural Water, Rural Community Assistance Program and KY Water and Wastewater Operators' Association. (Drinking Water only)
	Massachusetts	MassDEP provides web-based resources, tools, fact sheets and

		self-assessment (based on Washington State's). MassDEP will also provide class room training as resources allow
	Montana	The Midwest Assistance Program, under contract with the Montana Department of Environmental Quality, offers asset management training, outreach and on-site assistance to water systems
	New Hampshire	Offering 1-hour overview sessions and promoting full-day workshops by training partners.
	New Mexico	Planning to offer performance based training for asset management (Drinking Water only)
	Ohio	Training on asset management provided by RCAP
	Pennsylvania	Web-based training for water and wastewater system officials titled "Leadership and Decision-Making"; one module is "Benefits of Asset Management"
	Vermont	
	Virginia	Provide an annual, week-long managerial & financial training course for managers titled, Establishing a Successful and Sustainable Waterworks (ESSW), which includes asset management
	Washington	RCAC and Evergreen RWA provide targeted training and technical assistance to water systems on asset management
Asset Management Outreach	Connecticut	Participates in the Annual Technical Conference and Vendor Expo (ATCAVE) sponsored by the Connecticut Section of the American Water Works Association (CT AWWA). Topics include asset management. In 2010, also had a booth at this event to promote asset management and the DWSRF program. (Drinking Water only)
	Delaware	Work through Capacity Development Program and RWA to encourage systems to have an Asset Management Plan (Drinking Water only)
	Illinois	Illinois EPA partners with the Illinois Environmental Resource Training Central, Illinois Rural Water Association, Illinois Section of the American Water Works Association, and other State and local stakeholder groups to provide feedback on educational programs for water supply officials. Asset management training has been provided as part of these training opportunities.
	Kentucky	Asset management planning resources are discussed and distributed during the sanitary survey. Asset management fact sheets are provided to systems to give to boards (Drinking Water only)
	Montana	The Midwest Assistance Program, under contract with the Montana Department of Environmental Quality, offers asset management training, outreach and on-site assistance to water systems
	New Hampshire	NHDES has promoted and will continue to promote sustainability topics including asset management, through fact sheets, public outreach, and education, and also where appropriate through compliance and enforcement

		(Wastewater only)
	New Mexico	Promote asset management in board training and on capacity development web site (Drinking Water only)
	Vermont	Education and outreach on asset management is ongoing with SRF borrowers and third party technical assistance providers
	Virginia	
	Washington	Asset Management Factsheet for Small Systems http://www.doh.wa.gov/ehp/dw/Publications/331-445.pdf
	West Virginia	Provide information to water systems on Asset Management whether they are seeking DWTRF funding or not (Drinking Water only) Continuing to discuss sustainability and asset management at state conferences like the annual RWA conference. Continuing working with sister agencies, Bureau for Public Health (DWSRF) and the Public Service Commission, to educate communities about SI and asset management. (Drinking Water only) With the asset management plans we will be receiving, we intend to use this information as part of the review for the community's next project. (Drinking Water only) Have presented at technical assistance providers conferences on asset management. (Drinking Water only)
CUPSS Support	Connecticut	Provide on-site technical assistance including setting up software Provided a hands-on Asset Management and CUPSS training workshop
	Delaware	Funds Delaware RWA to provide training to small municipalities in using CUPSS and creating Asset Management Plans. Use set-asides to fund a CUPSS circuit rider – targets 4 systems each year In the preliminary phases of coordinating with the DE Drinking Water SRF program on opportunities to train municipalities in CUPSS (DWSRF only)
	Hawaii	Training on CUPSS provided by RCAC (Drinking Water only)
	Kentucky	Asset management planning resources, including CUPSS are discussed during the sanitary survey; if a system requests assistance with installing CUPSS, Capacity Development staff will provide (Drinking Water only)
	Maine	Funds RCAP to provide CUPSS training and CUPSS TA for DWSRF recipients receiving principal forgiveness
	Massachusetts	Promoting CUPSS for small systems
	Michigan	Michigan AWWA chapter has funded 2 CUPSS pilot programs for 2 small communities which pays for college internships to use CUPSS and inventory community water assets. During Michigan AWWA asset management committee meetings there has been talk of the Michigan chapter of WEF to also fund internships for wastewater asset inventory

	Currently do financial assessments for small communities with populations less than 10,000. In the course of reviews, bring in CUPSS to demonstrate and provide instruction if desired	
New York	Provide CUPSS sessions in Operator Trainings Fund NRWA to provide CUPSS training	
Ohio	Training on CUPSS provided by RCAP	
Oklahoma	Encouraging use and implementation of CUPSS (Drinking Water only)	
Vermont	Provides technical assistance to small systems with CUPSS	
	Currently working with a system to incorporate GIS in with CUPSS data	
Virginia	Provides CUPSS training and workshops to water systems through course training. Continues to promote EPA's CUPSS webinar series	
Washington	Has a staff member trained in CUPSS and is working with RCAC to use CUPSS at 15 systems	
West Virginia	Provide on-site CUPSS Training and promote the use of CUPSS to complete the asset management plan required by DWSRF recipients	
Wisconsin	WRWA offers continuing education courses on CUPSS	
On-Site Asset Management Technical Assistance	Alabama	RWA provides technical assistance for asset management
	Arkansas	
	Connecticut	
	Hawaii	On-site Technical Assistance provided by RCAC (Drinking Water only)
	Iowa	Assistance provided by Association of Municipal Utilities can include help with Asset Management Plans
		Water Supply Section working with EPA Region 7 and RWA to develop hands-on asset management training for small systems (Drinking Water only)
	Kentucky	If a system requests assistance with installing CUPSS or other asset management plan drafting assistance, Capacity Development staff will provide (Drinking Water only)
	Massachusetts	Asset management planning resources are discussed and distributed during the sanitary survey (Drinking Water only)
	Montana	The Midwest Assistance Program, under contract with the Montana Department of Environmental Quality, offers asset management training, outreach and on-site assistance to water systems
	New Hampshire	Staff works with targeted systems to develop asset management plans
	New York	Circuit riders available to provide on-site assistance to small water systems
	Oregon	Two circuit riders provide on-site assistance to small communities on asset management (CWSRF only)
	Vermont	
Washington	RCAC and Evergreen RWA provide on-site technical assistance	

to water systems on asset management		
Asset Management Guidance Document	Alaska	
	Arkansas	
	Connecticut	Uses EPA asset management and sustainability handbooks extensively in trainings and assistance activities
	Kansas	Uses AM KAN Work! An Asset Management and Energy Efficiency Manual
	Louisiana	
	Maine	
	Massachusetts	Currently developing guidance documents for asset management
	Montana	
	New Jersey	Uses EPA Step Guides for asset management http://www.epa.gov/safewater/smallsystems/pdfs/final_asset_inventory_for_small_systems.pdf http://www.epa.gov/safewater/smallsystems/pdfs/guide_smallsystems_asset_mgmt.pdf http://www.epa.gov/safewater/smallsystems/pdfs/guide_smallsystems_stratplan.pdf
	Ohio	
	Oklahoma	
	South Carolina	
	Virginia	Uses EPA's asset management materials
	Washington	Promotes EPA Step Guides for asset management
	West Virginia	
	Wisconsin	Have very short guidance document that provides some information about maintenance costs, life expectancy of infrastructure, and preparing a capital improvement plan
Asset Management Questions in Capacity Assessments	Indiana	In the Capacity Development: Self-Assessment Form for Indiana's Public Water Systems Applying for State Revolving Fund (SRF) Loans form, asks "Do you keep records to substantiate depreciation of fixed assets and accounting for reserve funds?"
	Kentucky	Systems are asked if they have an asset management plan during the sanitary survey (Drinking Water only)
	Maine	In the Technical, Financial, and Managerial Capacity Development Review Summary form, asks "Has the system developed an asset management plan?" (Drinking Water only)
	Massachusetts	An in-depth capacity review can be done upon request for water supply with significant needs (Drinking Water only)
	New Hampshire	In the Public Water System Self-Assessment for Capacity Assurance, contains "asset inventory" as an indicator (Drinking Water only)
	New Mexico	System is asked if it has, or is in the process of developing, an asset management plan (Drinking Water only)
	South Dakota	In the Capacity Assessment Worksheets for Public Water Systems, asks "Do you keep records to substantiate

		depreciation of fixed assets and accounting for reserve funds?" (Drinking Water only)
	Vermont	
	Washington	In the Managerial and Financial Capacity Assessment, asks if the system has enough to fund a Short-lived asset replacement reserve and if the system has assessed facilities and plans to make capital improvements (Drinking Water only)
	West Virginia	In the Capacity Development Program Questionnaire, asks "Do you have a written Asset Management Plan?" (Drinking Water only)
	Wisconsin	Capacity evaluations require systems to understand the assets they have, the costs of maintaining them, and how those costs will be paid for (Drinking Water only)
Asset Management State Specific Workgroup Meetings	Rhode Island	Through the guidance of the State's Wastewater Operation and Maintenance Section, regular Asset Management Workgroup meetings occur where operators and municipal officials discuss Asset Management issues and hear from speakers on the subject. (Wastewater only)

Asset Management Internal Activities

Title	State	Description
State/EPA Asset Management Workgroup Participation Participating in national asset management workgroup focused on sharing experiences and resources (June 2012 – June 2013)	Arizona	
	Arkansas	
	Colorado	
	Delaware	
	Idaho	
	Illinois	
	Kansas	
	Kentucky	
	Maine	
	Maryland	
	Massachusetts	
	Michigan	
	Nebraska	
	New Hampshire	
New Jersey		
New Mexico		
New York		

	Oregon	
	Pennsylvania	
	Rhode Island	
	Texas	
	Utah	
	Vermont	
	Washington	
	West Virginia	
	Wisconsin	
Asset Management Training for State Staff	Connecticut	Three staff members received a “Certificate of Completion” for the CUPSS Train-the-Trainer series
	Delaware	Attended CUPSS Training
	Iowa	Has sent almost all engineering staff to asset management training
	Kentucky	Capacity Development staff had to become schooled in Asset Management during development of our training materials. The Capacity Development Section screens webinars relating to asset management as they are made available, and attends asset management sessions at state KWWOA/KRWA meetings. (Drinking Water only)
	Massachusetts	Staff training sessions at Regional Offices to share information and experiences from around the state
	New Hampshire	Providing Survey staff with informal training on asset management principles
	New Jersey	Two staff members received a “Certificate of Completion” for the CUPSS Train-the-Trainer series
	New Mexico	Staff have attended NMEFC’s asset management training and EPA’s CUPSS training, and they participate in NMEFC-sponsored Asset Management Users Group meetings. State staff will participate in the planned performance based training for asset management.
	North Carolina	State Capacity Development and Drinking Water SRF staff have attended various asset management trainings including some hosted by Environmental Finance Centers (Drinking water only)
	Virginia	
	Washington	RCAC held an all-day financial training for several staff. Training included aspects of asset management Has a staff member trained in CUPSS and considering promoting it for some small systems
Considering Incentives for Asset Management in SRF Program	Connecticut	Is in the process of updating priority ranking criteria and is planning to include incentives for PWS sustainability-related incentives including asset management planning (DWSRF only)
	Delaware	Advisory council interested in creating incentives such as bonus priority points for SRF loan recipients to implement Asset Management Plans
	Florida	Considering a 0.1% reduction in the interest rate for projects with an approved Asset Management Plan
	Hawaii	(Drinking Water only)
	Illinois	Not currently implementing but will evaluate under future regulatory revisions or as program matures: <ul style="list-style-type: none">• Provides SRF Priority Points for Asset Management

		<ul style="list-style-type: none"> • Funding For Asset Management Planning • Utilizes DWSRF Set-Asides for Asset Management Training/Technical Assistance
	Iowa	Has considered adding priority points for asset management but not yet adopted
	Minnesota	Considering doing more to promote asset management with borrowers
	Montana	Considering providing asset management training to borrowers (DWSRF only)
	New Hampshire	Considering adding ranking points for validated asset management plans completed in last 3 years
	New Jersey	Evaluating current priority points for asset management; considering enhanced financing or additional subsidization to promote Asset Management Plans
	New Mexico	Considering an interest rate discount on loans for projects that will provide Asset Management Plans and formal rate analysis (CWSRF only).
	New York	Considering providing reduced interest rate financing for DWSRF projects for water systems with asset management deficiencies (DWSRF only)
	North Carolina	Requirements for state funding include adequacy of water rates to support operation and maintenance of the system. Other state funding agencies prioritize asset management.
	Pennsylvania	Planning to revise ranking criteria to include Sustainable Infrastructure principles, including asset management (DWSRF only)
	Texas	Considering offering a subsidy to reimburse SRF applicants for asset management planning
	Vermont	
	Virginia	Considering developing a "Sustainability" category for DWSRF ranking criteria to include asset management. Recipients would receive additional points for asset management plans.
Considering an Asset Management Requirement	Massachusetts	MassDEP is reviewing relevant compliance and enforcement documents to incorporate capacity requirements
	New Hampshire	May require all SRF loanees develop asset management plan as part of project
	New Mexico	Considering a requirement for asset management as part of funding (CWSRF only)
	New York	Considering SRF program modifications to include asset management
	Pennsylvania	Considering legislation that could require all water and wastewater systems to implement asset management
	Vermont	