

National Water Program Measures Review

(1) Strategic Measures and Mission Measures (1-25, *italicized, greyed, and bolded*) will be retained.

#	Description	Reporting Office	FY 2018-2022 Strategic Plan	FY 2019 Annual Performance Plan (Budget)	Mission Measures	FY 2018-2019 NPM Guidance	ECOS Common Measures
1	<i>Watersheds with surface waters not meeting standards.</i>	<i>OWOW</i>	<i>SM-4</i>	<i>SWP-01</i>	<i>MM-3</i>	<i>WQ-35</i>	
2	<i>Number of Community Water Systems out of compliance with Health Based Standards.</i>	<i>OGWDW</i>	<i>SM-2</i>	<i>DW-01</i>	<i>MM-1</i>		
3	<i>Number of non-federal dollars leveraged by EPA water infrastructure finance programs (CWSRF, DWSRF and WIFIA).</i>	<i>OGWDW; OWM</i>	<i>SM-3</i>	<i>INFRA-01</i>	<i>MM-2</i>		
4	<i>Systems Out of Compliance Due to Lead and Copper Rule Violations.</i>	<i>OGWDW</i>			<i>MM-1.1</i>		
5	<i>Strengthen the technical, managerial and financial capacity of drinking water systems.</i>	<i>OGWDW</i>			<i>MM-1.2</i>		
6	<i>Engagements with the water infrastructure community.</i>	<i>OGWDW</i>			<i>MM-2.1</i>		
7	<i>Water infrastructure financing tools, training, and resources provided.</i>	<i>OGWDW</i>			<i>MM-2.2</i>		
8	<i>Drinking Water Sanitary Surveys.</i>	<i>OGWDW</i>			<i>MM-4</i>		
9	<i>Reviews of State DWSRF program.</i>	<i>OGWDW</i>			<i>MM-5</i>		
10	<i>State PWSS rule primacy applications in backlog.</i>	<i>OGWDW</i>			<i>MM-6</i>		
11	<i>Class I, II, III, V, VI UIC DI Well Permits in backlog. (Note: Individual well class measures omitted from table)</i>	<i>OGWDW</i>			<i>MM-7,8,9,10,11</i>		
12	<i>Electronic submission of state Integrated Report.</i>	<i>OWOW</i>			<i>MM-3.1</i>		
13	<i>Outstanding State submission of 303(d) lists.</i>	<i>OWOW</i>			<i>MM-3.2</i>		
14	<i>Backlog of EPA action on 303(d) Lists.</i>	<i>OWOW</i>			<i>MM-20</i>		
15	<i>Progress in putting priority TMDLs, alternative restoration plans and protection approaches in place.</i>	<i>OWOW</i>			<i>MM-18</i>		
16	<i>Backlog of EPA action on TMDLs.</i>	<i>OWOW</i>			<i>MM-19</i>		
17	<i>Backlog of EPA action on priority TMDLs.</i>	<i>OWOW</i>			<i>MM-19.1</i>		
18	<i>Applications for new NPDES individual permits older than 6 months.</i>	<i>OWM</i>			<i>MM-15</i>		
19	<i>Reviews of State CWSRF.</i>	<i>OWM</i>			<i>MM-12</i>		
20	<i>Requests for Coverage Under General NPDES Permits in backlog.</i>	<i>OWM</i>			<i>MM-16</i>		
21	<i>Number of WIFIA LOIs received in response to a Notice of Funding Availability.</i>	<i>OWM</i>			<i>MM-13</i>		
22	<i>Number of LOIs that address lead and other contaminants for drinking water systems.</i>	<i>OWM</i>			<i>MM-13.1</i>		
23	<i>Number of LOIs that address aging infrastructure.</i>	<i>OWM</i>			<i>MM-13.2</i>		
24	<i>Administratively Continued (backlogged) Individual NPDES Permits.</i>	<i>OWM</i>			<i>MM-14</i>		
25	<i>Water Quality Standards actions in the backlog.</i>	<i>OST</i>			<i>MM-17</i>		
26	Percent of community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers or those ground water systems approved by the primacy agency to provide 4-log treatment of viruses).	OGWDW		DW-02		SDW-01a	
27	Number of tribal community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers or those ground water systems approved to provide 4-log treatment of viruses).	OGWDW				SDW-01b	
28	Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the Drinking Water State Revolving Fund (DWSRF).	OGWDW		INFRA-02		SDW-04	

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29	Number of Drinking Water State Revolving Fund (DWSRF) projects that have initiated operations.	OGWDW				SDW-05	
30	Percent of Classes I, II and Class III salt solution mining wells that have lost mechanical integrity and are returned to compliance within 180 days thereby reducing the potential to endanger underground sources of drinking water.	OGWDW				SDW-07	
31	Number of Class V motor vehicle waste disposal wells (MVWDW) and large capacity cesspools (LCC) that are closed or permitted.	OGWDW				SDW-08	
32	Percent of DWSRF projects awarded to small PWS serving <500, 501-3,300, and 3,301-10,000 consumers.	OGWDW				SDW-11	
33	Number and percent of small community water systems and NTNCWS (<500, 501-3,300, 3,301-10,000) with repeat health based Nitrate/Nitrite, Stage 1 D/DBP, SWTR and TCR violations.	OGWDW				SDW-15	
34	Number and percent of schools and childcare centers that meet all health-based drinking water standards.	OGWDW				SDW-17	
35	Percent of 'person months' (i.e. all persons served by community water systems times 12 months) during which community water systems in Indian country provide drinking water that meets all applicable health-based drinking water standards.	OGWDW				SDW-20	
36	Number of drinking water and wastewater utilities and local, state, and federal officials receiving training and technical assistance to enhance emergency preparedness and resiliency to reduce risk from all hazards including those attributed to climate change impacts.	OGWDW				SDW-21	
37	Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.	OGWDW		DW-03		SDW-211	
38	Number of American Indian and Alaska Native homes provided access to safe drinking water in coordination with other federal agencies.	OGWDW		INFRA-04		SDW-22	
39	Percent of community water systems that meet all applicable health-based standards through approaches that include effective treatment and source water protection.	OGWDW				SDW-SP1	
40	Percent of "person months" (i.e. all persons served by community water systems times 12 months) during which community water systems provide drinking water that meets all applicable health-based drinking water standards.	OGWDW				SDW-SP2	
41	Percent of the population in Indian country served by community water systems that receive drinking water that meets all applicable health-based drinking water standards.	OGWDW		DW-04		SDW-SP3	
42	Percent of community water systems where risk to public health is minimized through source water protection.	OGWDW				SDW-SP4a	
43	Percent of the population served by community water systems where risk to public health is minimized through source water protection.	OGWDW				SDW-SP4b	
44	Number of water and wastewater utilities that have registered to use the Climate Resilience Evaluation and Awareness Tool (CREAT).	OGWDW				WQ-32	

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45	Drinking Water: Percent of State Population Served by Compliant Community Water Systems and Percent of Community Water Systems Meeting All Applicable Health-Based Standards (11 States).	OGWDW					ECOS-01
46	Investments in Water Infrastructure: (1) Wastewater and (2) Drinking Water.	OGWDW; OWM					ECOS-06
47	Loading of biochemical oxygen demand (BOD) removed (million pounds/year) from the U.S.-Mexico Border area since 2003.	OWM				MB-SP23	
48	Number of additional homes provided safe drinking water in the U.S.-Mexico border area that lacked access to safe drinking water in 2003.	OWM				MB-SP24	
49	Number of additional homes provided adequate wastewater sanitation in the U.S.-Mexico border area that lacked access to wastewater sanitation in 2003.	OWM				MB-SP25	
50	Number and national percent, using a constant denominator, of Combined Sewer Overflow (CSO) permits with a schedule incorporated into an appropriate enforceable mechanism, including a permit or enforcement order, with specific dates and milestones, including a completion date consistent with Agency guidance, which requires: 1) Implementation of a Long-term Control Plan (LTCP) which will result in compliance with the technology and water quality-based requirements of the Clean Water Act; or 2) implementation of any other acceptable CSO control measures consistent with the 1994 CSO Control Policy; or 3) completion of separation after the baseline date.	OWM				SS-1	
51	Number, and national percent, of follow-up actions that are completed by assessed NPDES (National Pollutant Discharge Elimination System) programs.	OWM				WQ-11	
52	Percent of non-tribal facilities covered by NPDES permits that are considered current.	OWM				WQ-12a	
53	Percent of tribal facilities covered by NPDES permits that are considered current.	OWM				WQ-12b	
54	[Placeholder for a basic indicator of NPDES program health using existing and available data (one initial idea: Backlog of State- and EPA-Issued Individual NPDES Permits, modeled after MM-14)]	OWM					
55	Number, and national percent, of MS-4s covered under either an individual or general permit.	OWM				WQ-13a	
56	Number of facilities covered under either an individual or general industrial storm water permit.	OWM				WQ-13b	
57	Number of sites covered under either an individual or general construction storm water site permit.	OWM				WQ-13c	
58	Number of facilities covered under either an individual or general CAFO permit.	OWM				WQ-13d	
59	Number, and national percent, of Significant Industrial Users (SIUs) that are discharging to POTWs with Pretreatment Programs that have control mechanisms in place that implement applicable pretreatment standards and requirements.	OWM				WQ-14a	

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60	Number, and national percent, of Categorical Industrial Users (CIUs) that are discharging to POTWs without Pretreatment Programs that have control mechanisms in place that implement applicable pretreatment standards and requirements.	OWM				WQ-14b	
61	Fund utilization rate [cumulative loan agreement dollars to the cumulative funds available for projects] for the Clean Water State Revolving Fund (CWSRF).	OWM		INFRA-03		WQ-17	
62	Number and percent of major NPDES wastewater treatment plant permits with nutrient limits.	OWM				WQ-20a	
63	Number and percent of major NPDES wastewater treatment plant permits with nutrient monitoring requirements.	OWM				WQ-20b	
64	Percent of serviceable rural Alaska homes with access to drinking water supply and wastewater disposal.	OWM				WQ-23	
65	Number of American Indian and Alaska Native homes provided access to basic sanitation in coordination with other federal agencies.	OWM		INFRA-05		WQ-24	
66	Number of WaterSense partners working to improve water use efficiency.	OWM				WQ-30	
67	Number of CWSRFs/DWSRFs that used financial incentives to promote climate resilience projects in the last year.	OWM				WQ-33	
68	Number of States that included specific high priority nutrient reduction actions in their PPA/PPG and/or Section 106 grant work plans for FY18.	OWM				WQ-34	
69	Point Source N&P: Total Pounds of Nitrogen and Phosphorus Discharged from Major NPDES Facilities.	OWM					ECOS-04
70	Percent of Major Wastewater Dischargers without Significant Noncompliance (SNC).	OWM					ECOS-05
72	Total coastal and non-coastal statutory square miles protected from vessel sewage by "no discharge zone(s)."	OWOW				CO-02	
73	Dollar value of "primary" leveraged resources (cash or in-kind) obtained by the NEP Directors and/or staff in millions of dollars rounded to the nearest tenth of a percent.	OWOW				CO-04	
74	Number of active dredged material ocean dumping sites that are monitored in the reporting year.	OWOW				CO-06	
75	Working with partners, protect or restore additional acres of habitat within the study areas for the 28 estuaries that are part of the National Estuary Program (NEP).	OWOW				CO-432	
76	Percent of active dredged material ocean dumping sites that will have achieved environmentally acceptable conditions (as reflected in each site's management plan and measured through on-site monitoring programs).	OWOW				CO-SP20	
77	Clean up acres of known contaminated sediments.	OWOW				CR-SP53	
78	Demonstrate a reduction in mean concentration of certain contaminants of concern found in water and fish tissue.	OWOW				CR-SP54	
79	Percent of goal achieved in reducing trade-equalized (TE) point source nitrogen discharges to Long Island Sound from the 1999 baseline of 59,146 TE lbs./day.	OWOW				LI-SP41	

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80	Reduce the size (square miles) of observed hypoxia (Dissolved Oxygen <3mg/l) in Long Island Sound.	OWOW				LI-SP42	
81	Restore, protect or enhance acres of coastal habitat from the 2010 baseline of 2,975 acres.	OWOW				LI-SP43	
82	Reopen miles of river and stream corridors to diadromous fish passage from the 2010 baseline of 177 river miles by removal of dams and barriers or by installation of bypass structures.	OWOW				LI-SP44	
83	Improve water quality and enable the lifting of harvest restrictions in acres of shellfish bed growing areas impacted by degraded or declining water quality. (cumulative starting in FY 06)	OWOW				PS-SP49	
84	Protect or restore acres or shoreline miles of aquatic habitats including: estuaries, floodplains, marine and freshwater shorelines, riparian areas, stream habitats and associated wetlands. (cumulative starting in FY06)	OWOW				PS-SP51	
85	Percent increase of sewage treatment facilities and onsite sewage treatment and disposal systems receiving advanced wastewater treatment or best available technology.	OWOW				SFL-1	
86	The number of Everglades Stormwater Treatment Areas (STAs) with the annual total phosphorus (TP) outflow less than or the same as the five-year annual average TP outflow, working towards the long-term goal of meeting the 10 parts per billion annual geometric mean.	OWOW				SFL-2	
87	Achieve 'no net loss' of stony coral cover (mean percent stony coral cover) in the Florida Keys National Marine Sanctuary (FKNMS) and in the coastal waters of Dade, Broward, and Palm Beach Counties, Florida (SE FL), working with all stakeholders (federal, state, regional, tribal, and local).	OWOW				SFL-SP45	
88	Annually maintain the overall health and functionality of sea grass beds in the FKNMS as measured by the long-term sea grass monitoring project that addresses composition and abundance, productivity, and nutrient availability.	OWOW				SFL-SP46	
89	At least seventy five percent of the monitored stations in the near shore and coastal waters of the Florida Keys National Marine Sanctuary will maintain Chlorophyll a (CHLA) levels at less than or equal to 0.35 ug l-1 and light clarity (Kd)) levels at less than or equal to 0.20 m-1.	OWOW				SFL-SP47a	
90	At least seventy five percent of the monitored stations in the near shore and coastal waters of the Florida Keys National Marine Sanctuary will maintain dissolved inorganic nitrogen (DIN) levels at less than or equal to 0.75 uM and total phosphorus (TP) levels at less than or equal to .25 uM .	OWOW				SFL-SP47b	
91	Number of tribes that currently receive funding under Section 106 of the Clean Water Act that have developed and begun implementing monitoring strategies that are appropriate to their water quality program consistent with EPA Guidance.	OWOW				WQ-06a	
92	Estimated annual reduction in million pounds of nitrogen from nonpoint sources to waterbodies (Section 319 funded projects only).	OWOW				WQ-09a	
93	Estimated annual reduction in million pounds of phosphorus from nonpoint sources to waterbodies (Section 319 funded projects only).	OWOW				WQ-09b	

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#	Description	Reporting Office	FY 2018-2022 Strategic Plan	FY 2019 Annual Performance Plan (Budget)	Mission Measures	FY 2018-2019 NPM Guidance	ECOS Common Measures
94	Estimated annual reduction in million tons of sediment from nonpoint sources to waterbodies (Section 319 funded projects only).	OWOW				WQ-09c	
95	Number of waterbodies identified by states (in 1998/2000 or subsequent years) as being primarily nonpoint source (NPS)-impaired that are partially or fully restored.	OWOW				WQ-10a	
96	Number of urban water projects initiated addressing water quality issues in the community.	OWOW				WQ-25a	
97	Number of urban water projects completed addressing water quality issues in the community.	OWOW				WQ-25b	
98	Extent of priority areas identified by each state that are addressed by EPA-approved TMDLs or alternative restoration approaches for impaired waters that will achieve water quality standards. These areas may also include protection approaches for unimpaired waters to maintain water quality standards.	OWOW				WQ-27	
99	State-wide extent of activities leading to completed TMDLs or alternative restoration approaches for impaired waters, or protection approaches for unimpaired waters.	OWOW				WQ-28	
100	Number of states protecting or improving water quality conditions, as demonstrated by state-scale statistical surveys: On average, water quality is improving or at least not degrading (there is no statistically significant decrease in mean water quality); The percentage of waters in good condition is increasing or remaining constant; and, The percentage of waters in poor condition is decreasing or remaining constant.	OWOW				WQ-29	
101	Report on the quality of the nation's waters.	OWOW				WQ-SP13	
102	Improve water quality in Indian country at baseline monitoring stations in tribal waters (i.e., show improvement in one or more of seven key parameters: dissolved oxygen, pH, water temperature, total nitrogen, total phosphorus, pathogen indicators, and turbidity).	OWOW				WQ-SP14a	
103	Identify monitoring stations on tribal lands that are showing no degradation in water quality (meaning the waters are meeting tribal water quality objectives).	OWOW				WQ-SP14b	
104	Number of acres restored and improved, under the 5-Star, NEP, 319, and great waterbody programs.	OWOW				WT-01	
105	Percent of Clean Water Act Section 404 standard permits, upon which EPA coordinated with the permitting authority (i.e., Corps or State), where a final permit decision in FY 08 documents requirements for greater environmental protection than originally proposed.	OWOW				WT-03	
106	Number of Actions completed by states, tribes, and territories to build programs in four areas of wetland management: regulatory, monitoring and assessment, water quality standards, and restoration and protection.	OWOW				WT-04	
107	In partnership with the U.S. Army Corps of Engineers, states and tribes, achieve 'no net loss' of wetlands each year under the Clean Water Act Section 404 regulatory program.	OWOW				WT-SP22	
108	Percent Water Bodies Monitored and Waters Meeting Designated Uses: Miles of rivers and streams assessed and associated condition (8 States).	OWOW					ECOS-02
109	Nonpoint Source N&P: Estimated Annual Reduction in Pounds of Nitrogen and Phosphorus, and in Tons of Sediment from Nonpoint Sources to Waterbodies (Section 319 funded projects only).	OWOW					ECOS-03

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110	Square miles associated with state priority waters addressed by a TMDL, other restoration plan, or protection approach.	OWOW		TMDL-01			
111	Watersheds with surface waters not meeting standards because of nutrients (square miles).	OWOW					
112	Percent of women of childbearing age having mercury levels in blood above the level of concern.	OST				FS-SP6	
113	Percent of all Tier I (significant) public beaches that are monitored and managed under the BEACH Act program.	OST				SS-2	
114	Percent of days of the beach season that coastal and Great Lakes beaches monitored by state beach safety programs are open and safe for swimming.	OST				SS-SP9	
115	Number of numeric water quality standards adopted for total nitrogen or total phosphorus for all waters within the State or Territory for each of the following waterbody types: lakes/reservoirs, rivers/streams, and estuaries.	OST				WQ-01a	
116	Number of numeric water quality standards planned to be adopted within 3 years for total nitrogen and total phosphorus for all waters within the state or territory for each of the following waterbody types: lakes/reservoirs, rivers/streams, and estuaries, based on a full set of performance milestone information supplied annually by states and territories.	OST				WQ-01d	
117	Number of tribes that have water quality standards approved by EPA.	OST				WQ-02	
118	Number, and national percent, of states and territories that within the preceding three year period, submitted new or revised water quality criteria acceptable to EPA that reflect new scientific information from EPA or other resources not considered in the previous standards.	OST				WQ-03a	
119	Number, and national percent of tribes that within the preceding three year period, submitted new or revised water quality criteria acceptable to EPA that reflect new scientific information from EPA or other resources not considered in the previous standards.	OST				WQ-03b	
120	Percentage of submissions of new or revised water quality standards from states and territories that are approved by EPA.	OST				WQ-04a	
121	Number of states and tribes completing triennial reviews on time.	OST					
122	Number of states and territories with a methodology for notifying the public of when a harmful algal bloom is present.	OST					
123	Decrease the number of waterbodies impaired by total nitrogen and total phosphorus within the continental United States and territories	OST					
124	Number of water and wastewater utilities that use the EnergyStar Portfolio Manager to manage energy.	OW				WQ-31	
125	Percent attainment of water quality standards for dissolved oxygen, water clarity/underwater grasses, and chlorophyll a in Chesapeake Bay and tidal tributaries.	CBPO				CB-05	
126	Percent of goal achieved for implementing nitrogen pollution reduction actions to achieve the final TMDL allocations, as measured through the phase 5.3 watershed model.	CBPO				CB-SP35	

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127	Percent of goal achieved for implementing phosphorus pollution reduction actions to achieve the final TMDL allocations, as measured through the phase 5.3 watershed model.	CBPO				CB-SP36	
128	Percent of goal achieved for implementing sediment pollution reduction actions to achieve final TMDL allocations, as measured through the phase 5.3 watershed model.	CBPO				CB-SP37	
129	Number of Beneficial Use Impairments removed within Areas of Concern.	GLNPO				GL-05	
130	Number of multi-agency rapid response plans established, mock exercises to practice responses carried out under those plans, and/or actual response actions.	GLNPO				GL-07	
131	Acres managed for populations of invasive species controlled to a target level.	GLNPO				GL-09	
132	Projected phosphorus reductions from GLRI-funded projects in targeted watersheds.	GLNPO				GL-17	
133	Projected volume of untreated urban runoff captured or treated by GLRI-funded projects.	GLNPO				GL-18	
134	Number of miles of Great Lakes tributaries reopened by GLRI-funded projects.	GLNPO				GL-19	
135	Number of miles of Great Lakes shoreline and riparian corridors protected, restored, and enhanced by GLRI-funded projects.	GLNPO				GL-20	
136	Number of acres of Great Lakes coastal wetlands protected, restored, and enhanced by GLRI-funded projects.	GLNPO				GL-21	
137	Number of acres of other habitats in the Great Lakes basin protected, restored, and enhanced by GLRI-funded projects.	GLNPO				GL-22	
138	Number of Areas of Concern in the Great Lakes where all management actions necessary for delisting have been implemented.	GLNPO				GL-SP31	
139	Improve and/or restore water and habitat quality to meet water quality standards in watersheds throughout the five Gulf States and the Mississippi River Basin.	GMPO				GM-01	
140	Promote and support environmental education and outreach to the inhabitants of the Gulf of Mexico watershed.	GMPO				GM-02	
141	Support the assessment, development and implementation of programs, projects and tools which strengthen community resilience.	GMPO				GM-03	
142	Protect, enhance, or restore coastal and upland habitats within the Gulf of Mexico watershed.	GMPO				GM-SP39	
143	Percent of population in the U.S. Pacific Island Territories served by community water systems that has access to continuous drinking water meeting all applicable health-based drinking water standards, measured on a four quarter rolling average basis.	R9				PI-SP26	