




Detailed Performance Data

The [National Water Program](#) is charged with evaluating the progress it is making in developing and implementing effective programs to monitor, protect, and improve the waters of the United States. Activities of the National Water Program fall under Goal 2 of the FY 2014 – 2018 EPA Strategic Plan, “Protecting America’s Waters.” The National Water Program tracks 110 performance measures under 15 subobjectives. In March of 2017 EPA released the annual *National Water Program Performance, Trends, and Best Practices Report* which presents performance results and trends using fiscal year 2016 (FY 2016) end-of-year data reported by states, tribes, and EPA regional and headquarters offices, as well as best practices in program implementation. This document complements that report and contains all available end-of-year data for the 110 measures between fiscal years 2012 and 2016; in addition, it contains the 2017 commitments and budget targets (if applicable).

Data Presentation

The data for each measure is organized on a single page using a standard format. National-level data is presented at the top of the page followed by regional data. End-of-year results are presented as the top row followed by commitment and universe data. If a national measure is also a budget measure, the budget target is presented on an additional row. Below is a key to this document:

	Baseline Data
	Results Met Commitment
	Commitment Not Met
N.R.	Not Reported

Met/Not Met designations are based on the commitment value unless it is a budget measure, in which case the budget target is the comparable value. For Regions where a measure is not applicable, the associated cells are “grayed out.” Other blank cells may indicate that information is not applicable or not reported. Pages are titled with the measure code and a short description of the measure. The Measure Information sidebar contains information on the full measure language, units, direction of positive change, type of measure (e.g., annual, cumulative, budget, tribal), summarized terms and phrases, and a summary methodology. For

FULL MEASURE DEFINITIONS

The National Water Program’s performance webpage contains full definitions for each measure. Click on the links below to access each measure definition by subobjective.

- [Drinking Water](#)
- [Swimming Water](#)
- [Fish and Shellfish](#)
- [Columbia River Basin](#)
- [Water Quality](#)
- [Wetlands](#)
- [Coastal & Ocean Waters](#)
- [Great Lakes](#)
- [Chesapeake Bay Ecosystem](#)
- [Long Island Sound](#)
- [Pacific Island Territories](#)
- [Puget Sound Basin](#)
- [South Florida Ecosystem](#)
- [Gulf of Mexico](#)
- [U.S. Mexico Border](#)

additional information on the measure, visit the [National Water Program's webpage](#) using the links in the blue sidebar above, or included at the bottom of each measure page.

How to Use this Document

Measures are organized by subobjective beginning with 2.1.1 (Water Safe to Drink) and ending with subobjective 2.2.9 (U.S. Mexico Border Environmental Health). To locate information on a specific measure use the Find function (Ctrl +F) in Adobe and search for the exact number or phrase.

SDW-01a (aph): Percent CWSs with sanitary survey

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	89.0%	93.0%	87.0%	90.8%	91.2%	
	Budget Target					79.0%	79.0%	85.0%
	Commitment		95.0%	95.0%	83.0%	83.9%	79.0%	85.0%
	Universe		49,283	49,283	49,283	49,283	49,283	49,283
R1	Result	84.9%	98.0%	99.8%	97.0%	98.0%	99.6%	
	Commitment		90.0%	90.0%	70.0%	90.0%	89.0%	89.0%
	Universe			2,619	2,619	2,619	2,619	2,619
R2	Result	86.9%	86.0%	91.0%	93.6%	92.0%	94.0%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe			3,480	3,480	3,480	3,480	3,480
R3	Result	90.0%	95.0%	96.8%	93.8%	93.4%	92.2%	
	Commitment		91.0%	93.0%	93.0%	93.0%	93.0%	93.0%
	Universe			4,321	4,321	4,321	4,321	4,321
R4	Result	86.4%	93.1%	93.8%	85.3%	86.7%	94.2%	
	Commitment		90.0%	93.0%	80.0%	85.0%	85.0%	85.0%
	Universe			8,493	8,493	8,493	8,493	8,493
R5	Result	79.9%	91.4%	92.5%	93.7%	96.6%	96.2%	
	Commitment		93.0%	93.0%	75.0%	79.0%	79.0%	79.0%
	Universe		1,359	1,354	7,082	7,080	7,072	7,199
R6	Result	80.0%	93.0%	96.2%	100.0%	94.8%	85.8%	
	Commitment		93.0%	91.0%	92.0%	90.0%	92.0%	92.0%
	Universe			7,945	7,945	7,945	7,945	7,945
R7	Result	94.3%	95.0%	95.0%	95.7%	98.0%	97.0%	
	Commitment		87.0%	87.0%	87.0%	87.0%	92.0%	92.0%
	Universe			3,999	3,999	3,999	3,999	3,999
R8	Result	81.2%	99.0%	95.5%	96.0%	96.2%	96.8%	
	Commitment		90.0%	90.0%	78.0%	75.0%	90.0%	90.0%
	Universe			3,065	3,065	3,065	3,065	3,065
R9	Result	66.6%	70.9%	88.0%	86.0%	81.7%	85.0%	
	Commitment		70.0%	70.0%	70.0%	70.0%	70.0%	85.0%
	Universe			4,004	4,004	4,004	4,004	4,004
R10	Result	32.0%	64.3%	73.0%	81.3%	74.2%	67.2%	
	Commitment		75.0%	70.0%	75.0%	75.0%	75.0%	75.0%
	Universe			4,236	4,236	4,236	4,236	4,236

Measure Information

Measure Language: 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).

Units: CWSs

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: CWS is a public, year-round water system; Primary Agency is the relevant primary enforcement authority; Sanitary survey is an on-site review of the public water system.

Methodology: Based on CWSs with outstanding performance.

[Click Here for the Complete Measure Definition](#)

SDW-01b: Number tribal CWSs with sanitary survey

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	22	84	84	633	663	653	
	Commitment		76	79	590	610	850	850
	Universe		86	86	86	86	86	86
R1	Result	3	2	2	3	3	3	
	Commitment		2	2	2	2	2	2
	Universe			3	3	3	3	3
R2	Result	2	2	2	2	2	2	
	Commitment		2	2	2	2	2	2
	Universe			7	7	7	7	7
R3	Result							
	Commitment							
	Universe							
R4	Result	N.R.	1	1	14	14	12	
	Commitment		1	1	14	14	14	14
	Universe			N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result	14	2	2	61	71	72	
	Commitment		2	2	56	60	60	60
	Universe		2	2	69	71	72	72
R6	Result	10	9	8	20	50	51	
	Commitment		8	8	9	25	20	20
	Universe			74	74	74	74	74
R7	Result	37	1	1	8	8	9	
	Commitment		1	1	8	8	8	9
	Universe			51	51	51	51	51
R8	Result	4	27	30	111	109	110	
	Commitment		25	25	105	105	105	105
	Universe			9	9	9	9	9
R9	Result	88	28	30	331	329	317	
	Commitment		27	30	319	319	319	319
	Universe			109	109	109	109	109
R10	Result	287	12	8	83	77	77	
	Commitment		8	8	75	75	75	77
	Universe			366	366	366	366	366

Measure Information

Measure Language: 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).

Units: Tribal CWSs

Direction of Positive Change: Increasing

Type of Measure: Annual; Tribal

Terms and Phrases: CWS is a public, year-round water system; Primary Agency is the relevant primary enforcement authority; Sanitary survey is an on-site review of the public water system.

Methodology: Based on CWSs with outstanding performance.

[Click Here for the Complete Measure Definition](#)

SDW-04 (apc): DWSRF utilization rate

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	84.7%	90.0%	91.0%	92.0%	94.0%	95.0%	
	Budget Target					89.0%	89.0%	89.0%
	Commitment		89.0%	89.0%	89.0%	89.0%	89.0%	89.0%
	Universe (millions)		26,380	26,380	26,380	26,380	26,380	26,380
R1	Result	78.5%	94.5%	97.3%	100.0%	100.0%	97.8%	
	Commitment		90.0%	90.0%	90.0%	90.0%	92.0%	92.0%
	Universe (millions)		2,375	2,375	2,375	2,375	2,375	2,375
R2	Result	93.0%	92.2%	93.9%	90.0%	92.0%	95.0%	
	Commitment		90.0%	90.0%	90.0%	90.0%	86.0%	85.0%
	Universe (millions)		4,644	4,644	4,644	4,644	4,644	4,644
R3	Result	83.3%	96.0%	100.2%	100.0%	95.6%	93.4%	
	Commitment		86.0%	89.0%	89.0%	89.0%	92.0%	93.4%
	Universe (millions)		1,563	1,563	1,563	1,563	1,563	1,563
R4	Result	88.0%	85.0%	85.2%	86.0%	85.0%	85.0%	
	Commitment		90.0%	85.0%	85.0%	85.0%	85.0%	85.0%
	Universe (millions)		2,939	2,939	2,939	2,939	2,939	2,939
R5	Result	87.0%	88.0%	89.1%	91.0%	96.0%	98.4%	
	Commitment		95.0%	95.0%	94.0%	88.0%	88.0%	88.0%
	Universe (millions)		4,468	4,761	5,040	5,277	5,653	
R6	Result	64.5%	82.3%	83.0%	80.0%	86.0%	85.3%	
	Commitment		85.0%	81.0%	80.0%	91.0%	83.0%	75.0%
	Universe (millions)		2,777	2,777	2,777	2,777	2,777	2,777
R7	Result	91.0%	86.0%	83.0%	86.0%	86.0%	91.0%	
	Commitment		85.0%	85.0%	80.0%	83.0%	83.0%	84.0%
	Universe (millions)		1,831	1,831	1,831	1,831	1,831	1,831
R8	Result	84.0%	85.8%	88.0%	89.0%	89.0%	87.7%	
	Commitment		90.0%	88.0%	88.0%	88.0%	88.0%	88.0%
	Universe (millions)		1,842	1,842	1,842	1,842	1,842	1,842
R9	Result	80.0%	91.9%	95.3%	103.0%	103.0%	108.0%	
	Commitment		86.0%	87.0%	87.0%	90.0%	90.0%	90.0%
	Universe (millions)		2,690	2,690	2,690	2,690	2,690	2,690
R10	Result	94.3%	103.0%	99.1%	110.0%	106.0%	112.0%	
	Commitment		98.0%	95.0%	97.0%	95.0%	95.0%	89.0%
	Universe (millions)		1,152	1,152	1,152	1,152	1,152	1,152

Measure Information

Measure Language: Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the Drinking Water State Revolving Fund (DWSRF).

Units: Cumulative \$ loans/cumulative fund \$ available

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Fund utilization rate is the proportion of available funding signed into loans for projects; DWSRF is a loan fund for drinking water infrastructure.

Methodology: Based on executed loans and cumulative funds available for projects.

[Click Here for the Complete Measure Definition](#)

SDW-05: Number DWSRF projects initiated (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	2,611	6,721	7,474	8,101	9,317	9,119	
	Commitment		6,080	6,976	7,844	8,251	9,000	9,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result	320	924	1,032	1,104	1,200	1,292	
	Commitment		795	820	1,092	1,152	1,180	1,260
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R2	Result	311	453	458	472	517	571	
	Commitment		422	435	472	480	521	535
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result	261	643	678	733	788	843	
	Commitment		530	595	698	718	810	886
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R4	Result	369	800	863	921	1,738	1,063	
	Commitment		625	765	875	885	1,739	1,150
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result	557	1,346	1,499	1,642	1,738	1,745	
	Commitment		1,334	1,443	1,630	1,700	1,750	1,825
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R6	Result	59	254	410	427	472	485	
	Commitment		254	262	418	440	460	490
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result	229	624	694	764	804	854	
	Commitment		608	633	719	782	782	879
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R8	Result	242	814	854	921	992	1,040	
	Commitment		740	760	870	925	975	1,040
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R9	Result	123	363	419	500	456	504	
	Commitment		360	306	464	519	500	525
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result	140	500	567	644	612	722	
	Commitment		600	550	600	650	615	612
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

Measure Information

Measure Language: Number of Drinking Water State Revolving Fund (DWSRF) projects that have initiated operations.

Units: Projects

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: DWSRF is a loan fund for drinking water infrastructure.

Methodology: Based on the number of projects completed each year.

[Click Here for the Complete Measure Definition](#)

SDW-07 (aps): Percent Class I, II, or III wells returned to mechanical integrity

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	85.0%	89.0%	89.0%	88.0%	86.0%	
	Budget Target					85.0%	85.0%	85.0%
	Commitment		90.0%	85.0%	85.0%	85.0%	85.0%	85.0%
	Universe		8	8	8	8	8	8
R1	Result							
	Commitment							
	Universe							
R2	Result	N.R.	90.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result	N.R.	61.0%	88.0%	91.0%	100.0%	100.0%	
	Commitment		70.0%	60.0%	70.0%	75.0%	85.0%	85.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R4	Result	N.R.	92.0%	85.0%	90.0%	86.0%	73.5%	
	Commitment		75.0%	75.0%	75.0%	80.0%	80.0%	80.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result	N.R.	80.0%	86.0%	93.0%	90.0%	81.0%	
	Commitment		57.0%	66.0%	67.0%	67.0%	67.0%	67.0%
	Universe		265	237	162	260	201	270
R6	Result	N.R.	90.0%	94.0%	90.0%	87.0%	87.0%	
	Commitment		90.0%	90.0%	85.0%	85.0%	85.0%	85.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result	N.R.	81.0%	83.0%	86.0%	98.0%	95.0%	
	Commitment		75.0%	75.0%	75.0%	75.0%	80.0%	80.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R8	Result	N.R.	90.0%	85.7%	81.8%	92.6%	84.8%	
	Commitment		80.0%	80.0%	80.0%	85.0%	80.0%	80.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R9	Result	N.R.	53.0%	41.0%	80.0%	89.0%	74.0%	
	Commitment		90.0%	60.0%	60.0%	50.0%	50.0%	60.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result	N.R.	88.0%	86.0%	58.0%	70.6%	100.0%	
	Commitment		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

Measure Information

Measure Language: 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.

Units: Wells

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Injection well is a device that places fluid deep underground into porous rock formations; Wells that have lost mechanical integrity are wells that do not meet mechanical integrity standards; Well returned to compliance is a well that has corrected its violation(s).

Methodology: Based on the number of wells that lose mechanical integrity and are returned to compliance.

[Click Here for the Complete Measure Definition](#)

SDW-08 (apt): Number High Priority Class V wells closed/permitted (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	25,225	26,027	26,560	27,383	28,187	
	Budget Target					25,225	27,783	28,083
	Commitment		22,840	25,225	26,266	26,751	26,751	28,083
	Universe		23,600	23,600	23,600	23,600	23,600	23,600
R1	Result	N.R.	2,314	2,349	2,376	2,797	2,891	
	Commitment		1,309	2,320	2,361	2,380	2,390	2,390
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R2	Result	N.R.	730	868	883	891	896	
	Commitment		430	700	878	883	883	900
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result	N.R.	4,215	4,305	4,341	4,720	4,752	
	Commitment		3,700	4,255	4,330	4,375	4,750	4,490
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R4	Result	N.R.	109	112	117	120	123	
	Commitment		108	110	113	119	119	125
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result	N.R.	4,317	4,601	4,832	5,031	5,179	
	Commitment		4,110	4,322	4,701	4,915	5,128	5,194
	Universe		4,859	5,182	5,328	5,482	5,586	5,600
R6	Result	N.R.	272	275	277	278	278	
	Commitment		272	273	275	277	277	277
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result	N.R.	175	176	178	178	356	
	Commitment		175	175	176	178	178	178
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R8	Result	N.R.	2,331	2,363	2,365	2,388	2,390	
	Commitment		2,346	2,371	2,371	2,379	2,379	2,387
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R9	Result	N.R.	3,560	3,730	3,895	3,933	3,950	
	Commitment		3,000	3,650	3,800	3,925	3,950	3,975
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result	N.R.	7,202	7,252	7,296	7,347	7,372	
	Commitment		7,200	7,200	7,261	7,320	7,330	7,350
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

Measure Information

Measure Language: Number of Class V motor vehicle waste disposal wells (MVWDW) and large capacity cesspools (LCC) that are closed or permitted.

Units: Class V wells

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Class V motor vehicle waste disposal well (MVWDW) is a well used to inject fluids from motor vehicle repair or maintenance activities; Large-Capacity Cesspools (LCC) is a sanitary waste placement well that can serve at least 20 people per day.

Methodology: Based on the number of MVWDW and LCC permitted.

[Click Here for the Complete Measure Definition](#)

SDW-11: Percent DWSRF projects awarded to small PWS

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	72.3%	71.0%	71.0%	70.0%	70.0%	71.0%	
	Commitment Universe		Indicator 698	Indicator 698	Indicator 698	Indicator 698	Indicator 698	Indicator 698
R1	Result	72.0%	65.0%	65.0%	64.0%	64.0%	64.0%	
	Commitment Universe		Indicator 138	Indicator 138	Indicator 138	Indicator 138	Indicator 138	Indicator 138
R2	Result	75.0%	66.0%	66.0%	66.0%	66.0%	65.0%	
	Commitment Universe		Indicator 44	Indicator 44	Indicator 44	Indicator 44	Indicator 44	Indicator 44
R3	Result	70.0%	77.0%	77.0%	78.0%	78.0%	79.0%	
	Commitment Universe		Indicator 56	Indicator 56	Indicator 56	Indicator 56	Indicator 56	Indicator 56
R4	Result	30.0%	58.0%	58.0%	57.0%	58.0%	58.0%	
	Commitment Universe		Indicator 43	Indicator 43	Indicator 43	Indicator 43	Indicator 43	Indicator 43
R5	Result	72.0%	72.0%	71.0%	71.0%	70.0%	70.0%	
	Commitment Universe		Indicator 126	Indicator 126	Indicator 126	Indicator 126	Indicator 126	Indicator 126
R6	Result	76.0%	59.0%	60.0%	61.0%	62.0%	64.0%	
	Commitment Universe		Indicator 33	Indicator 33	Indicator 33	Indicator 33	Indicator 33	Indicator 33
R7	Result	80.0%	83.0%	83.0%	83.0%	84.0%	83.0%	
	Commitment Universe		Indicator 70	Indicator 70	Indicator 70	Indicator 70	Indicator 70	Indicator 70
R8	Result	87.0%	82.0%	83.0%	83.0%	83.0%	84.0%	
	Commitment Universe		Indicator 87	Indicator 87	Indicator 87	Indicator 87	Indicator 87	Indicator 87
R9	Result	81.0%	66.0%	67.0%	66.0%	66.0%	67.0%	
	Commitment Universe		Indicator 26	Indicator 26	Indicator 26	Indicator 26	Indicator 26	Indicator 26
R10	Result	80.0%	76.0%	76.0%	75.0%	74.0%	75.0%	
	Commitment Universe		Indicator 75	Indicator 75	Indicator 75	Indicator 75	Indicator 75	Indicator 75

Measure Information

Measure Language: Percent of DWSRF projects awarded to small PWS serving <500, 501-3,300, and 3,301-10,000 consumers.

Units: Projects awarded to small PWS

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Public water system (PWS) is a water system that provides water to at least 25 people for at least 60 days annually.

Methodology: Based on the number of DWSRF projects awarded to PWSs.

[Click Here for the Complete Measure Definition](#)

SDW-15: Number small CWS with health-based violations

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1,904	1,260	1,282	1,159	822	754	
	Commitment Universe		Indicator 66,165	Indicator 66,165	Indicator 66,165	Indicator 66,165	Indicator 66,165	Indicator 66,165
R1	Result	164	85	120	98	73	56	
	Commitment Universe		Indicator 4,478	Indicator 4,478	Indicator 4,478	Indicator 4,478	Indicator 4,478	Indicator 4,478
R2	Result	208	158	151	149	127	117	
	Commitment Universe		Indicator 5,189	Indicator 5,189	Indicator 5,189	Indicator 5,189	Indicator 5,189	Indicator 5,189
R3	Result	113	98	74	56	31	51	
	Commitment Universe		Indicator 6,751	Indicator 6,751	Indicator 6,751	Indicator 6,751	Indicator 6,751	Indicator 6,751
R4	Result	218	130	120	65	23	18	
	Commitment Universe		Indicator 9,840	Indicator 9,840	Indicator 9,840	Indicator 9,840	Indicator 9,840	Indicator 9,840
R5	Result	102	83	75	75	59	33	
	Commitment Universe		Indicator 11,175	Indicator 11,101	Indicator 10,096	Indicator 11,027	Indicator 11,203	Indicator
R6	Result	394	271	325	271	135	123	
	Commitment Universe		Indicator 9,082	Indicator 9,082	Indicator 9,082	Indicator 9,082	Indicator 9,082	Indicator 9,082
R7	Result	288	143	111	145	126	106	
	Commitment Universe		Indicator 4,562	Indicator 4,562	Indicator 4,562	Indicator 4,562	Indicator 4,562	Indicator 4,562
R8	Result	91	54	59	54	53	41	
	Commitment Universe		Indicator 3,690	Indicator 3,690	Indicator 3,690	Indicator 3,690	Indicator 3,690	Indicator 3,690
R9	Result	154	148	132	164	116	147	
	Commitment Universe		Indicator 5,877	Indicator 5,877	Indicator 5,877	Indicator 5,877	Indicator 5,877	Indicator 5,877
R10	Result	172	90	96	82	79	62	
	Commitment Universe		Indicator 5,426	Indicator 5,426	Indicator 5,426	Indicator 5,426	Indicator 5,426	Indicator 5,426

Measure Information

Measure Language: Number and percent of small CWS and NTNCWS (<500, 501-3,300, 3,301-10,000) with repeat health based Nitrate/Nitrite, Stage 1 D/DBP, SWTR and TCR violations.

Units: Small CWS and NTNCWS

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: CWS are community water systems; TNCWS are transient non-community water systems; NTNCWS are non-transient non-community water systems; Repeat violations are repeats of the same combination of violation code.

Methodology: Based on the number of repeat health-based TCR, Nitrates, and SWTR violations.

[Click Here for the Complete Measure Definition](#)

SDW-17: Number schools and childcare centers meeting safe standards

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	7,260	6,991	7,068	6,783	6,795	6,753	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		7,664	7,664	7,664	7,664	7,664	7,664
R1	Result	1,057	995	998	975	1,027	1,022	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,146	1,146	1,146	1,146	1,146	1,146
R2	Result	705	680	664	669	673	668	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		740	740	740	740	740	740
R3	Result	1,179	1,164	1,153	1,144	1,141	1,129	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,228	1,228	1,228	1,228	1,228	1,228
R4	Result	688	623	599	574	552	550	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		724	724	724	724	724	724
R5	Result	1,933	1,858	1,815	1,777	1,777	1,775	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,947	1,904	1,964	1,850	1,833	
R6	Result	329	327	315	291	286	275	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		345	345	345	345	345	345
R7	Result	197	189	196	184	180	184	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		222	222	222	222	222	222
R8	Result	224	229	231	217	211	216	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		239	239	239	239	239	239
R9	Result	523	519	686	564	562	533	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		578	578	578	578	578	578
R10	Result	440	407	411	388	386	401	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		440	440	440	440	440	440

Measure Information

Measure Language: Number and percent of schools and childcare centers that meet all health-based drinking water standards.

Units: Schools and childcare centers

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: CWS are community water systems; TNCWS are transient non-community water systems; NTNCWS are non-transient non-community water systems; Schools are CWS or NTNCWS with a primary service area equal to school or daycare.

Methodology: Based on school systems without reported health-based violations.

[Click Here for the Complete Measure Definition](#)

SDW-18.N11: Number Indian & Alaska Native homes provided safe drinking water

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	809,000	104,266	108,881	113,656	N.R.	N.R.	
	Commitment		110,000	119,000	119,000	119,000	119,000	N.R.
	Universe		360,000	360,000	360,000	360,000	360,000	360,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of American Indian and Alaska Native homes provided access to safe drinking water in coordination with other federal agencies.

Units: Homes

Direction of Positive Change: Increasing

Type of Measure: Annual; Tribal

Terms and Phrases: NOT AVAILABLE ONLINE

Methodology: NOT AVAILABLE ONLINE

[Click Here for the Complete Measure Definition](#)

SDW-19a: Volume of CO2 sequestered through injection

Level	Data Type	Baseline 2012	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	40,380	47,781	50,753		N.R.	
	Commitment		Indicator	Indicator	Indicator		Indicator	Indicator
	Universe		N.R.	N.R.	N.R.		N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Volume of CO2 sequestered through injection as defined by the UIC Final Rule.

Units: Volume of CO2 in millions of gallons

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Geologic Sequestration is the process of injecting carbon dioxide into subsurface rocks for storage.

Methodology: Based on the amount of carbon dioxide sequestered through injection.

[Click Here for the Complete Measure Definition](#)

SDW-19b: Number of permit decisions that result in CO2 sequestered through injection

Level	Data Type	Baseline 2012	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	0	0	10	N.R.	N.R.	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of permit decisions during the reporting period that result in CO2 sequestered through injection as defined by the UIC Final Rule.

Units: Permit decisions

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Geologic Sequestration is the process of injecting carbon dioxide into subsurface rocks for storage.

Methodology: Based on the number of carbon dioxide sequestration permits.

[Click Here for the Complete Measure Definition](#)

SDW-20: Percent “person months” with CWSs meeting safe standards in Indian country

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	94.7%				94.7%	92.8%		<p>Measure Language: 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.</p> <p>Units: Tribal "person months"</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual; Tribal</p> <p>Terms and Phrases: CWS is a public, year-round water system; Person-months per CWS is the product of the months with overlapping health-based violations, and the service area population.</p> <p>Methodology: Based on violations of Maximum Contaminant Level, Maximum Residual Disinfection Limit, and Treatment Technique.</p> <p style="text-align: right;">Click Here for the Complete Measure Definition</p>
	Commitment					90.0%	90.0%	90.0%	
	Universe (Tribal pop multiplied by 12 months)					12,159	12,159	12,159	
R1	Result	100.0%				100.0%	100.0%		
	Commitment					90.0%	90.0%	90.0%	
	Universe (Tribal pop multiplied by 12 months)					1,087,128	1,087,128	1,087,128	
R2	Result	91.7%				99.0%	100.0%		
	Commitment					98.0%	98.0%	98.0%	
	Universe (Tribal pop multiplied by 12 months)					132,852	132,852	132,852	
R3	Result								
	Commitment								
	Universe (Tribal pop multiplied by 12 months)								
R4	Result	N.R.				100.0%	98.0%		
	Commitment					90.0%	90.0%	94.0%	
	Universe (Tribal pop multiplied by 12 months)					N.R.	N.R.	N.R.	
R5	Result	99.1%				100.0%	100.0%		
	Commitment					90.0%	90.0%	90.0%	
	Universe (Tribal pop multiplied by 12 months)					120,832	120,832	120,832	
R6	Result	99.8%				88.0%	87.0%		
	Commitment					75.0%	85.0%	85.0%	
	Universe (Tribal pop multiplied by 12 months)					1,415,172	1,415,172	1,415,172	
R7	Result	87.3%				92.0%	94.0%		
	Commitment					75.0%	75.0%	80.0%	
	Universe (Tribal pop multiplied by 12 months)					1,097,916	1,097,916	1,097,916	
R8	Result	87.0%				91.0%	90.0%		
	Commitment					90.0%	90.0%	90.0%	
	Universe (Tribal pop multiplied by 12 months)					64,728	64,728	64,728	
R9	Result	89.9%				95.0%	91.0%		
	Commitment					85.0%	85.0%	91.0%	
	Universe (Tribal pop multiplied by 12 months)					1,347,168	1,347,168	1,347,168	
R10	Result	84.7%				96.0%	96.0%		
	Commitment					85.0%	85.0%	95.6%	
	Universe (Tribal pop multiplied by 12 months)					6,082,620	6,082,620	6,082,620	

SDW-21: Number of utilities and officials receiving training and technical assistance

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				2,929	4,965	
	Commitment					1,000	1,000	Indicator
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Utilities and officials

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Preparedness is the continuous cycle of planning and training to ensure effective coordination during incident response.

Methodology: Based on the number of drinking water/wastewater utilities, and local, state, and federal officials.

[Click Here for the Complete Measure Definition](#)

SDW-211 (aa): Percent population served by CWSs meeting safe standards

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	89.0%	94.7%	92.0%	93.0%	91.0%	91.2%	
	Budget Target					92.0%	92.0%	92.0%
	Commitment		91.0%	92.0%	92.0%	92.0%	92.0%	92.0%
	Universe (millions)		301	301	301	301	301	301
R1	Result	92.5%	94.0%	93.0%	90.0%	94.0%	97.0%	
	Commitment		89.0%	89.0%	90.0%	90.0%	90.0%	90.0%
	Universe (millions)			15	15	15	15	15
R2	Result	55.3%	90.0%	65.0%	88.0%	88.0%	87.0%	
	Commitment		78.0%	80.0%	80.0%	87.0%	88.0%	88.0%
	Universe (millions)			32	32	32	32	32
R3	Result	93.2%	92.0%	96.0%	87.0%	87.0%	89.0%	
	Commitment		90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
	Universe (millions)			26	26	26	26	26
R4	Result	93.0%	96.0%	94.0%	93.0%	94.0%	93.0%	
	Commitment		92.0%	92.0%	92.0%	92.0%	91.0%	92.0%
	Universe (millions)			60	60	60	60	60
R5	Result	94.1%	97.0%	98.0%	97.0%	93.0%	94.0%	
	Commitment		94.0%	94.0%	94.0%	92.0%	91.0%	92.0%
	Universe (millions)		43	43	43	43	43	43
R6	Result	87.8%	92.0%	91.0%	90.0%	84.0%	89.0%	
	Commitment		85.0%	85.0%	85.0%	89.0%	85.0%	82.0%
	Universe (millions)			39	39	39	39	39
R7	Result	91.2%	94.0%	96.0%	94.0%	90.0%	93.0%	
	Commitment		80.0%	80.0%	90.0%	90.0%	90.0%	90.0%
	Universe (millions)			12	12	12	12	12
R8	Result	94.7%	94.0%	95.0%	94.0%	96.0%	94.0%	
	Commitment		91.0%	91.0%	92.0%	92.0%	90.0%	85.0%
	Universe (millions)			13	13	13	13	13
R9	Result	94.6%	98.0%	97.0%	96.0%	93.0%	90.0%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe (millions)			49	49	49	49	49
R10	Result	94.8%	98.0%	93.0%	93.0%	95.0%	90.0%	
	Commitment		91.0%	92.0%	91.0%	91.0%	91.0%	94.6%
	Universe (millions)			12	12	12	12	12

Measure Information

Measure Language: 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.

Units: Population

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: CWS is a public, year-round water system; Source water is untreated water from the environment used for public drinking water.

Methodology: Based on violations of Maximum Contaminant Level, Maximum Residual Disinfection Limit, and Treatment Technique.

[Click Here for the Complete Measure Definition](#)

SDW-SP1.N11 (apm): Percent CWSs meeting safe standards

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	89.0%	91.0%	91.0%	90.8%	90.0%	90.4%	
	Budget Target					92.0%	90.0%	90.0%
	Commitment		90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
	Universe		50,808	50,808	50,808	50,808	50,808	51,877
R1	Result	85.7%	90.0%	86.1%	87.0%	90.0%	91.0%	
	Commitment		83.0%	83.0%	85.0%	85.0%	85.0%	85.0%
	Universe				2,663	2,663	2,663	2,663
R2	Result	86.4%	88.0%	89.0%	89.0%	89.0%	89.0%	
	Commitment		83.0%	85.0%	85.0%	88.0%	89.0%	89.0%
	Universe				3,468	3,468	3,468	3,468
R3	Result	91.8%	92.0%	92.0%	92.0%	92.0%	92.0%	
	Commitment		87.0%	91.0%	91.0%	91.0%	91.0%	91.0%
	Universe				4,354	4,354	4,354	4,354
R4	Result	91.0%	95.0%	95.0%	95.0%	94.0%	94.0%	
	Commitment		90.5%	90.0%	90.0%	90.0%	90.0%	92.0%
	Universe				8,613	8,613	8,613	8,613
R5	Result	92.0%	95.0%	96.0%	95.0%	95.0%	96.0%	
	Commitment		93.0%	93.0%	93.0%	90.0%	90.0%	90.0%
	Universe		7,339	7,303	7,279	7,275	7,267	7,275
R6	Result	86.2%	89.0%	87.4%	86.0%	84.0%	85.0%	
	Commitment		85.0%	85.0%	86.0%	85.0%	85.0%	83.0%
	Universe				8,101	8,101	8,101	8,101
R7	Result	86.8%	88.0%	90.0%	89.0%	87.0%	88.0%	
	Commitment		85.0%	85.0%	85.0%	82.0%	82.0%	82.0%
	Universe				4,053	4,053	4,053	4,053
R8	Result	90.3%	89.0%	90.0%	89.0%	86.5%	88.0%	
	Commitment		90.0%	90.0%	90.0%	90.0%	85.0%	80.0%
	Universe				3,298	3,298	3,298	3,298
R9	Result	91.6%	89.0%	91.0%	89.0%	89.0%	89.0%	
	Commitment		88.0%	88.0%	88.0%	88.0%	88.0%	88.0%
	Universe				4,555	4,555	4,555	4,555
R10	Result	87.3%	92.0%	93.0%	92.0%	92.0%	92.0%	
	Commitment		88.0%	88.0%	88.0%	90.0%	90.0%	90.0%
	Universe				4,424	4,424	4,424	4,424

Measure Information

Measure Language: Percent of community water systems that meet all applicable health-based standards through approaches that include effective treatment and source water protection.

Units: CWSs

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: CWS is a public, year-round water system; Source water is untreated water from the environment used for public drinking water.

Methodology: Based on violations of Maximum Contaminant Level, Maximum Residual Disinfection Limit, and Treatment Technique.

[Click Here for the Complete Measure Definition](#)

SDW-SP2 (dw2): Percent "person months" with CWSs meeting safe standards

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	97.0%	97.8%	96.9%	97.0%	96.0%	96.3%	
	Budget Target					95.0%	95.0%	95.0%
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe (millions)		3,603	3,603	3,603	3,603	3,603	3,603
R1	Result	96.0%	98.0%	98.0%	96.0%	98.0%	99.0%	
	Commitment		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
	Universe (millions)			182	182	182	182	182
R2	Result	92.0%	95.0%	86.0%	92.0%	91.0%	92.0%	
	Commitment		90.0%	93.0%	93.0%	92.0%	91.0%	91.0%
	Universe (millions)			380	380	380	380	380
R3	Result	99.0%	97.0%	98.0%	95.0%	96.0%	95.0%	
	Commitment		95.0%	93.0%	93.0%	95.0%	95.0%	95.0%
	Universe (millions)			309	309	309	309	309
R4	Result	98.0%	98.0%	98.0%	97.0%	97.0%	96.0%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	96.0%
	Universe (millions)			714	714	714	714	714
R5	Result	96.0%	99.0%	99.0%	99.0%	98.0%	98.0%	
	Commitment		96.0%	96.0%	96.0%	95.0%	95.0%	95.0%
	Universe (millions)		519	517	517	517	516	515
R6	Result	97.0%	96.0%	95.0%	95.0%	93.0%	94.0%	
	Commitment		94.0%	94.0%	94.0%	94.0%	93.0%	92.0%
	Universe (millions)			464	464	464	464	464
R7	Result	98.0%	98.0%	98.0%	97.0%	95.0%	97.0%	
	Commitment		90.0%	90.0%	92.0%	92.0%	92.0%	92.0%
	Universe (millions)			149	149	149	149	149
R8	Result	99.0%	98.0%	97.0%	98.0%	97.0%	97.0%	
	Commitment		95.0%	95.0%	95.0%	95.0%	90.0%	85.0%
	Universe (millions)			156	156	156	156	156
R9	Result	97.0%	99.0%	98.0%	99.0%	97.0%	99.0%	
	Commitment		98.0%	98.0%	98.0%	98.0%	98.0%	98.0%
	Universe (millions)			586	586	586	586	586
R10	Result	98.0%	99.0%	95.0%	98.0%	97.0%	98.0%	
	Commitment		95.0%	95.0%	93.0%	93.0%	93.0%	95.0%
	Universe (millions)			147	147	147	147	147

Measure Information

Measure Language: 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.

Units: "Person months"

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: CWS is a public, year-round water system; Person-months per CWS is the product of the months with overlapping health-based violations, and the service area population.

Methodology: Based on violations of Maximum Contaminant Level, Maximum Residual Disinfection Limit, and Treatment Technique.

[Click Here for the Complete Measure Definition](#)

SDW-SP3.N11 (E): Percent population served by CWSs meeting safe standards in Indian country

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	86.0%	84.0%	77.0%	88.6%	88.4%	87.9%		Measure Language: 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. Units: Percent population Direction of Positive Change: Increasing Type of Measure: Annual; Budget Tribal Terms and Phrases: CWS is a public, year-round water system. Methodology: Based on violations of Maximum Contaminant Level, Maximum Residual Disinfection Limit, and Treatment Technique.
	Budget Target					87.0%	87.0%	87.0%	
	Commitment		87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	
	Universe		1,013,222	1,013,222	1,013,222	1,013,222	1,013,222	1,013,222	
R1	Result	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
	Commitment		90.0%	90.0%	90.0%	90.0%	92.0%	92.0%	
	Universe			90,594	90,594	90,594	90,594	90,594	
R2	Result	100.0%	100.0%	65.0%	91.0%	91.0%	100.0%		
	Commitment		90.0%	95.0%	65.0%	91.0%	91.0%	91.0%	
	Universe			11,071	11,071	11,071	11,071	11,071	
R3	Result								
	Commitment								
	Universe								
R4	Result	N.R.	100.0%	100.0%	100.0%	100.0%	98.0%		
	Commitment		90.0%	90.0%	90.0%	90.0%	90.0%	94.0%	
	Universe			N.R.	N.R.	N.R.	N.R.	N.R.	
R5	Result	99.5%	97.0%	98.0%	97.0%	100.0%	99.0%		
	Commitment		98.0%	98.0%	94.0%	87.0%	87.0%	87.0%	
	Universe		120,339	117,931	121,042	120,832	120,832	120,832	
R6	Result	99.5%	92.0%	77.1%	89.0%	86.0%	86.0%		
	Commitment		78.0%	78.0%	74.0%	80.0%	83.0%	83.0%	
	Universe			117,931	117,931	117,931	117,931	117,931	
R7	Result	90.4%	83.0%	87.0%	54.0%	59.0%	86.0%		
	Commitment		80.0%	80.0%	85.0%	54.0%	54.0%	85.0%	
	Universe			91,493	91,493	91,493	91,493	91,493	
R8	Result	86.5%	85.8%	69.2%	94.0%	80.0%	84.0%		
	Commitment		87.0%	87.0%	80.0%	80.0%	80.0%	80.0%	
	Universe			5,394	5,394	5,394	5,394	5,394	
R9	Result	82.6%	74.0%	69.0%	83.0%	86.0%	83.0%		
	Commitment		70.0%	70.0%	70.0%	70.0%	70.0%	85.0%	
	Universe			112,264	112,264	112,264	112,264	112,264	
R10	Result	80.9%	90.0%	83.0%	98.0%	90.0%	92.0%		
	Commitment		87.0%	87.0%	80.0%	82.0%	83.0%	87.0%	
	Universe			506,885	506,885	506,885	506,885	506,885	

[Click Here for the Complete Measure Definition](#)

SDW-SP4a: Percent CWSs with source water protection

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	20.0%	43.3%	48.3%	48.0%	49.9%	54.0%	
	Commitment		40.0%	45.0%	45.0%	49.0%	49.0%	49.0%
	Universe		50,808	50,808	50,808	50,808	50,808	50,808
R1	Result	51.0%	84.0%	85.5%	85.0%	85.7%	85.0%	
	Commitment		66.0%	66.0%	84.0%	84.0%	85.0%	85.0%
	Universe				2,663	2,663	2,663	2,663
R2	Result	30.0%	86.0%	86.0%	86.0%	85.0%	84.0%	
	Commitment		61.0%	61.0%	70.0%	84.0%	85.0%	85.0%
	Universe				3,468	3,468	3,468	3,468
R3	Result	12.0%	35.0%	40.0%	44.0%	46.3%	49.0%	
	Commitment		33.0%	37.0%	42.0%	45.0%	47.0%	47.0%
	Universe				4,354	4,354	4,354	4,354
R4	Result	21.0%	55.0%	57.0%	59.0%	62.0%	77.0%	
	Commitment		53.0%	56.0%	58.0%	59.0%	62.0%	77.0%
	Universe				8,613	8,613	8,613	8,613
R5	Result	19.0%	41.1%	41.0%	43.1%	48.5%	47.1%	
	Commitment		39.0%	39.0%	41.0%	41.0%	44.0%	44.0%
	Universe		7,183	7,163	7,202	7,199	7,266	7,275
R6	Result	19.0%	43.0%	45.0%	46.8%	47.8%	47.9%	
	Commitment		40.0%	40.0%	40.0%	40.0%	44.0%	44.0%
	Universe				8,101	8,101	8,101	8,101
R7	Result	13.0%	8.0%	9.0%	11.2%	12.0%	12.0%	
	Commitment		9.0%	8.0%	8.0%	4.0%	10.0%	12.0%
	Universe				4,053	4,053	4,053	4,053
R8	Result	20.0%	38.3%	43.0%	42.8%	42.1%	43.0%	
	Commitment		39.0%	39.0%	35.0%	32.0%	40.0%	40.0%
	Universe				3,298	3,298	3,298	3,298
R9	Result	1.0%	10.0%	10.0%	10.0%	10.0%	10.4%	
	Commitment		10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
	Universe				4,555	4,555	4,555	4,555
R10	Result	28.0%	44.0%	66.0%	66.0%	68.0%	68.0%	
	Commitment		40.0%	40.0%	40.0%	45.0%	68.0%	68.0%
	Universe				4,424	4,424	4,424	4,424

Measure Information

Measure Language: Percent of community water systems where risk to public health is minimized through source water protection.

Units: CWSs

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: CWS is a public, year-round water system; Source water is untreated water from the environment used for public drinking water.

Methodology: Based on the percent of CWSs and the percent of population served by the CWSs.

[Click Here for the Complete Measure Definition](#)

SDW-SP4b: Percent population served by CWSs with source water protection

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	55.9%	59.1%	57.7%	60.7%	61.0%	
	Commitment		57.0%	57.0%	57.0%	59.0%	59.0%	59.0%
	Universe (millions)		301	301	301	301	301	301
R1	Result	N.R.	97.0%	97.1%	97.0%	97.5%	97.0%	
	Commitment		96.0%	96.0%	97.0%	97.0%	97.0%	97.0%
	Universe (millions)			15	15	15	15	15
R2	Result	N.R.	84.0%	86.0%	86.0%	86.0%	88.0%	
	Commitment		80.0%	80.0%	80.0%	86.0%	86.0%	86.0%
	Universe (millions)			32	32	32	32	32
R3	Result	N.R.	63.0%	66.0%	69.0%	71.0%	72.0%	
	Commitment		63.0%	63.0%	67.0%	70.0%	71.0%	71.0%
	Universe (millions)			26	26	26	26	26
R4	Result	N.R.	58.0%	58.0%	60.0%	69.0%	73.0%	
	Commitment		56.0%	59.0%	59.0%	60.0%	69.0%	73.0%
	Universe (millions)			60	60	60	60	60
R5	Result	N.R.	68.7%	67.0%	67.1%	71.3%	73.6%	
	Commitment		64.0%	64.0%	68.0%	65.0%	65.0%	65.0%
	Universe (millions)		43	43	43	43	43	43
R6	Result	N.R.	63.0%	66.0%	63.1%	67.5%	67.3%	
	Commitment		62.0%	60.0%	60.0%	57.0%	62.0%	62.0%
	Universe (millions)			39	39	39	39	39
R7	Result	N.R.	20.0%	21.0%	29.1%	30.0%	28.0%	
	Commitment		20.0%	20.0%	20.0%	10.0%	20.0%	30.0%
	Universe (millions)			12	12	12	12	12
R8	Result	N.R.	38.5%	38.0%	41.6%	50.2%	46.0%	
	Commitment		37.0%	37.0%	35.0%	32.0%	40.0%	45.0%
	Universe (millions)			13	13	13	13	13
R9	Result	N.R.	12.0%	12.3%	12.0%	12.0%	12.1%	
	Commitment		12.0%	13.0%	12.0%	12.0%	12.0%	12.0%
	Universe (millions)			49	49	49	49	49
R10	Result	N.R.	81.0%	80.0%	80.0%	81.0%	N.R.	
	Commitment		80.0%	80.0%	80.0%	60.0%	81.0%	81.0%
	Universe (millions)			12	12	12	12	12

Measure Information

Measure Language: Percent of the population served by community water systems where risk to public health is minimized through source water protection.

Units: Population served by CWSs

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: CWS is a public, year-round water system; Source water is untreated water from the environment used for public drinking water.

Methodology: Based on the percent of CWSs and the percent of population served by the CWSs.

[Click Here for the Complete Measure Definition](#)

FS-SP6.N11 (fs1): Percent women with high mercury blood levels

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	5.7%	2.3%	2.3%	N.R.	1.8%	N.R.	
	Budget Target		4.9%	2.5%	4.9%	2.3%	2.3%	3.3%
	Commitment		4.9%	4.9%	4.9%	4.9%	2.3%	3.3%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Percent of women of childbearing age having mercury levels in blood above the level of concern.

Units: Women of childbearing age

Direction of Positive Change: Decreasing

Type of Measure: Annual; Budget

Terms and Phrases: None provided.

Methodology: Based on biomonitoring exposure data.

[Click Here for the Complete Measure Definition](#)

SS-1: Number enforceable long-term CSO control plan with specific dates and milestones in place (cumulative)

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	66%; 568	748	758	775	785	794	
	Commitment		752	785	771	789	801	801
	Universe		862	862	862	862	862	862
R1	Result	75	76	76	76	76	76	
	Commitment		76	76	76	76	76	119
	Universe					82	82	82
R2	Result	51	74	74	81	81	82	
	Commitment		74	75	75	81	83	83
	Universe		108	108	108	108	108	108
R3	Result	175	226	228	230	230	231	
	Commitment		227	228	230	231	232	232
	Universe		236	236	236	236	236	236
R4	Result	9	18	18	22	24	24	
	Commitment		18	18	18	22	24	24
	Universe		24	24	24	24	24	24
R5	Result	232	312	319	323	331	338	
	Commitment		315	345	329	336	337	342
	Universe		365	366	369	369	370	373
R6	Result							
	Commitment							
	Universe							
R7	Result	7	23	24	24	24	24	
	Commitment		23	24	24	24	24	24
	Universe		24	24	24	24	24	24
R8	Result	1	1	1	1	N.R.	1	
	Commitment		1	1	1	1	1	1
	Universe		1	1	1	1	1	1
R9	Result	3	3	3	3	3	3	
	Commitment		3	3	3	3	3	
	Universe		3	3	3	3	3	3
R10	Result	15	15	15	15	15	15	
	Commitment		15	15	15	15	15	15
	Universe		15	15	15	15	15	15

Measure Information

Measure Language: 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.

Units: CSO permits

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: CSS is a publicly-owned combined sewer collection system; Enforceable Mechanism is an enforcement order with a Long-Term Control Plan (LTCP to address combined sewer overflows (CSOs).

Methodology: Based on the number of CSO permits.

[Click Here for the Complete Measure Definition](#)

SS-2: Percent Tier I (significant) public beaches monitored and managed

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	96.5%	100.0%	98.0%	98.0%	99.0%	99.3%	
	Commitment		95.0%	96.8%	95.0%	97.0%	98.0%	98.0%
	Universe		2,171	2,532	2,532	2,532	2,532	2,532
R1	Result	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe			162	162	162	162	162
R2	Result	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe			370	370	370	370	370
R3	Result	100.0%	100.0%	100.0%	97.0%	96.0%	94.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe			95	95	95	95	95
R4	Result	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe			736	736	736	736	736
R5	Result	100.0%	100.0%	100.0%	92.5%	100.0%	100.0%	
	Commitment		100.0%	94.5%	82.0%	100.0%	100.0%	100.0%
	Universe		343	332	336	220	151	156
R6	Result	92.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe			76	76	76	76	76
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	100.0%	100.0%	99.8%	100.0%	100.0%	100.0%	
	Commitment		85.0%	85.0%	90.0%	90.0%	93.0%	100.0%
	Universe			589	589	589	589	589
R10	Result	80.0%	100.0%	85.0%	95.0%	100.0%	98.0%	
	Commitment		93.0%	95.0%	85.0%	85.0%	98.0%	98.0%
	Universe			172	172	172	172	172

Measure Information

Measure Language: Percent of all Tier I (significant) public beaches that are monitored and managed under the BEACH Act program.

Units: Tier I public beaches

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Significant public beaches are Tier 1-high risk beaches.

Methodology: Based on the number of Tier 1-high risk beaches.

[Click Here for the Complete Measure Definition](#)

SS-SP9.N11: Percent beach days safe for swimming

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	96.0%	95.2%	96.0%	95.4%	94.5%	92.8%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe		752,683	752,683	752,683	752,683	752,683	752,683
R1	Result	98.0%	98.0%	98.0%	98.0%	98.5%	98.5%	
	Commitment		98.0%	98.0%	98.0%	98.0%	98.0%	98.0%
	Universe		86,226	86,226	86,226	86,226	86,226	86,226
R2	Result	97.2%	97.0%	97.0%	98.0%	95.0%	96.0%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe		90,834	90,834	90,834	90,834	90,834	90,834
R3	Result	98.5%	98.5%	98.1%	98.3%	98.0%	98.9%	
	Commitment		95.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe		17,861	17,861	17,861	17,861	17,861	17,861
R4	Result	96.3%	98.3%	97.2%	97.5%	97.8%	97.7%	
	Commitment		92.0%	92.0%	92.0%	92.0%	92.0%	92.0%
	Universe		184,609	184,609	184,609	184,609	184,609	184,609
R5	Result	95.5%	93.5%	94.0%	97.0%	91.4%	92.0%	
	Commitment		88.0%	90.0%	90.0%	90.0%	90.0%	90.0%
	Universe		50,064	50,064	50,064	50,064	50,064	46,668
R6	Result	93.0%	90.0%	95.8%	98.0%	93.0%	90.0%	
	Commitment		80.0%	85.0%	80.0%	80.0%	85.0%	85.0%
	Universe		28,146	28,146	28,146	28,146	28,146	28,146
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	95.3%	92.7%	93.1%	92.8%	88.0%	85.2%	
	Commitment		90.0%	90.0%	88.0%	88.0%	88.0%	88.0%
	Universe		282,149	282,149	282,149	282,149	282,149	282,149
R10	Result	92.8%	93.0%	95.0%	95.0%	92.0%	98.0%	
	Commitment		95.0%	95.0%	95.0%	85.0%	90.0%	92.0%
	Universe		12,794	12,794	12,794	12,794	12,794	12,794

Measure Information

Measure Language: 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.

Units: Days of beach season

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Beach season days are the product of each state's and territory's beach season multiplied by the number of beaches.

Methodology: Based on the number of days of beach-specific advisories or closures.

[Click Here for the Complete Measure Definition](#)

WQ-01a: Number of numeric nutrient water quality standards planned to be adopted (cumulative)

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	31	42	44	44	48	46	
	Commitment		41	42	44	47	47	46
	Universe		280	280	280	280	280	280
R1	Result	3	1	1	1	2	1	
	Commitment		1	1	1	2	2	1
	Universe		34	34	34	34	34	34
R2	Result	5	7	7	7	9	8	
	Commitment		7	7	7	9	8	8
	Universe		20	20	20	20	20	20
R3	Result	0	5	5	5	5	5	
	Commitment		4	5	5	5	5	5
	Universe		34	34	34	34	34	34
R4	Result	0	4	6	6	6	6	
	Commitment		4	4	6	6	6	N.R.
	Universe		44	44	44	44	44	44
R5	Result	1	3	3	3	4	4	
	Commitment		3	3	3	3	4	4
	Universe		24	24	24	24	24	24
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	22	22	22	22	22	22	
	Commitment		22	22	22	22	22	22
	Universe		38	38	38	38	38	38
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Numeric water quality standards

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: Numeric standards for total nitrogen and total phosphorus are numeric water quality criteria; Waterbody type refers to lakes and reservoirs (excluding the Great Lakes), or rivers and streams, or estuaries; For full list of terms, see the web page.

Methodology: Based on the number of approved state and territorial WQS.

[Click Here for the Complete Measure Definition](#)

WQ-01d: Number of numeric nutrient water quality standards planned to be adopted (cumulative)

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.					3	
	Commitment						6	4
	Universe						N.R.	N.R.
R1	Result	N.R.					3	
	Commitment						1	1
	Universe						N.R.	N.R.
R2	Result	N.R.					1	
	Commitment						1	1
	Universe						N.R.	N.R.
R3	Result	N.R.					2	
	Commitment						2	2
	Universe						N.R.	N.R.
R4	Result							
	Commitment							
	Universe							
R5	Result	N.R.					0	0
	Commitment						0	0
	Universe						N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result	N.R.					0	
	Commitment						2	0
	Universe						N.R.	N.R.
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Numeric water quality standards

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: Numeric standards for total nitrogen and total phosphorus are numeric water quality criteria; Waterbody type refers to lakes and reservoirs (excluding the Great Lakes), or rivers and streams, or estuaries; For full list of terms, see the web page.

Methodology: Based on the number of approved state and territorial WQS.

[Click Here for the Complete Measure Definition](#)

WQ-02: Number tribes with approved water quality standards (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	26	39	40	41	43	43	
	Commitment		39	40	41	41	44	43
	Universe		54	54	57	64	70	70
R1	Result							
	Commitment							
	Universe							
R2	Result	0	1	1	1	1	1	
	Commitment		1	1	1	1	1	1
	Universe		1	1	1	1	1	1
R3	Result							
	Commitment							
	Universe							
R4	Result	2	2	2	2	2	2	
	Commitment		2	2	2	2	2	2
	Universe		2	2	2	2	2	2
R5	Result	2	5	5	5	5	5	
	Commitment		5	5	5	5	5	5
	Universe		5	5	5	5	5	5
R6	Result	9	10	10	10	11	11	
	Commitment		10	10	10	10	11	12
	Universe		11	11	11	11	11	11
R7	Result							
	Commitment							
	Universe							
R8	Result	2	3	4	4	4	4	
	Commitment		3	3	4	4	4	4
	Universe		6	6	6	6	6	6
R9	Result	3	8	8	8	9	9	
	Commitment		8	8	8	8	9	9
	Universe		16	21	21	21	21	21
R10	Result	8	10	10	11	11	11	
	Commitment		10	11	11	11	12	10
	Universe		14	14	14	14	14	14

Measure Information

Measure Language: Number of tribes that have water quality standards approved by EPA.

Units: Tribes

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Tribal

Terms and Phrases: Tribe means a federally recognized Indian tribe.

Methodology: Based on the number of tribes whose waster quality standard programs were approved by the EPA.

[Click Here for the Complete Measure Definition](#)

WQ-03a (bpw): Percent states/territories with updated water quality criteria

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	37%	70%	59%	52%	64%	64%	
	Budget Target		64%	64%	66%	68%	68%	73%
	Commitment		64%	64%	66%	68%	73%	73%
	Universe		56	56	56	56	56	56
R1	Result	4	2	1	2	3	4	
	Commitment		2	1	2	3	2	2
	Universe		6	6	6	6	6	6
R2	Result	1	3	1	0	2	3	
	Commitment		3	1	3	3	3	3
	Universe		4	4	4	4	4	4
R3	Result	4	6	6	5	5	5	
	Commitment		6	6	5	5	5	5
	Universe		6	6	6	6	6	6
R4	Result	7	5	4	6	7	7	
	Commitment		5	6	6	6	7	7
	Universe		8	8	8	8	8	8
R5	Result	4	4	5	4	4	2	
	Commitment		4	4	4	4	2	2
	Universe		6	6	6	6	6	6
R6	Result	4	5	4	3	3	4	
	Commitment		4	4	4	2	3	5
	Universe		5	5	5	5	5	5
R7	Result	2	3	2	2	2	1	
	Commitment		3	3	3	1	1	1
	Universe		4	4	4	4	4	4
R8	Result	4	5	4	3	4	5	
	Commitment		5	4	2	3	4	2
	Universe		6	6	6	6	6	6
R9	Result	4	3	2	3	5	5	
	Commitment		3	3	2	3	5	4
	Universe		7	7	7	7	7	7
R10	Result	3	3	3	2	1	3	
	Commitment		3	3	3	3	3	3
	Universe		4	4	4	4	4	4

Measure Information

Measure Language: 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.

Units: States/Territories

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Acceptable to EPA means EPA has approved the new or revised criteria for that locality; Three year period means May 1, 2014 through April 30, 2017; New scientific information from EPA includes, but is not limited to, draft or final water quality criteria documents.

Methodology: Based on number of new or revised water quality standards.

[Click Here for the Complete Measure Definition](#)

WQ-03b: Number of tribes with updated water quality criteria

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	12	14	9	9	7	10	
	Commitment		12	13	9	7	8	0
	Universe		46	48	48	48	50	53
R1	Result							
	Commitment							
	Universe							
R2	Result	N.R.	1	1	1	1	1	
	Commitment		1	1	1	1	1	1
	Universe		1	1	1	1	1	1
R3	Result							
	Commitment							
	Universe							
R4	Result	1	1	1	2	1	1	
	Commitment		2	2	2	1	1	N.R.
	Universe		2	2	2	2	2	2
R5	Result	1	3	3	2	2	2	
	Commitment		3	3	2	1	2	2
	Universe		5	5	5	5	5	5
R6	Result	5	1	0	0	0	2	
	Commitment		1	1	1	1	1	4
	Universe		10	10	10	10	10	10
R7	Result							
	Commitment							
	Universe							
R8	Result	2	2	1	1	N.R.	0	
	Commitment		1	1	1	N.R.	1	N.R.
	Universe		2	3	3	3	3	3
R9	Result	0	3	3	3	2	3	
	Commitment		3	3	3	2	1	3
	Universe		8	8	8	8	8	8
R10	Result	3	3	0	1	1	0	
	Commitment		3	3	N.R.	1	1	1
	Universe		9	9	9	9	9	9

Measure Information

Measure Language: 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.

Units: Tribes

Direction of Positive Change: Increasing

Type of Measure: Annual; Tribal

Terms and Phrases: Acceptable to EPA means EPA has approved the new or revised criteria for that locality; Three year period means May 1, 2014 through April 30, 2017; New scientific information from EPA includes, but is not limited to, draft or final water quality criteria documents.

Methodology: Based on number of new or revised water quality standards.

[Click Here for the Complete Measure Definition](#)

WQ-04a: Percent states/territories water quality standards revisions approved

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	88.9%	82.4%	89.6%	84.8%	76.1%	
	Commitment		85.0%	87.0%	87.0%	Indicator	Indicator	Indicator
	Universe		50	33	75	73	38	57
R1	Result	N.R.	100.0%	43.0%	75.0%	100.0%	100.0%	
	Commitment		75.0%	75.0%	75.0%	Indicator	Indicator	Indicator
	Universe							
R2	Result	N.R.	75.0%	0.0%	0.0%	N.R.	100.0%	
	Commitment		75.0%	0.0%	88.0%	Indicator	Indicator	Indicator
	Universe							
R3	Result	N.R.	97.0%	N.R.	98.7%	95.4%	50.0%	
	Commitment		75.0%	N.R.	88.0%	Indicator	Indicator	Indicator
	Universe							
R4	Result	N.R.	87.5%	53.0%	91.5%	100.0%	> 80%	
	Commitment		87.0%	87.0%	87.0%	Indicator	Indicator	Indicator
	Universe							
R5	Result	N.R.	96.0%	93.0%	100.0%	88.3%	84.6%	
	Commitment		85.0%	70.0%	75.0%	Indicator	Indicator	Indicator
	Universe		6	30	30	30	13	
R6	Result	N.R.	96.3%	100.0%	77.8%	100.0%	79.2%	
	Commitment		75.0%	75.0%	75.0%	Indicator	Indicator	Indicator
	Universe							
R7	Result	N.R.	50.0%	70.0%	100.0%	70.6%	100.0%	
	Commitment		50.0%	50.0%	75.0%	Indicator	Indicator	Indicator
	Universe							
R8	Result	N.R.	100.0%	87.5%	63.6%	50.0%	50.0%	
	Commitment		79.0%	79.0%	79.0%	Indicator	Indicator	Indicator
	Universe							
R9	Result	N.R.	86.4%	89.0%	100.0%	83.3%	100.0%	
	Commitment		75.0%	75.0%	75.0%	Indicator	Indicator	Indicator
	Universe							
R10	Result	N.R.	80.0%	0.0%	50.0%	N.R.		
	Commitment		66.0%	66.0%	75.0%	Indicator	Indicator	Indicator
	Universe							

Measure Information

Measure Language: Percentage of submissions of new or revised water quality standards from states and territories that are approved by EPA.

Units: WQ standards submissions

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Submission is a package of new or revised water quality standards transmitted to EPA; Partial approvals receive fractional credit means that partial approvals count proportionally

Methodology: Based on the proportion of approved new or revised water quality standards.

[Click Here for the Complete Measure Definition](#)

WQ-06a: Number tribes implementing monitoring strategies (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	214	224	228	248	244	
	Commitment		213	222	226	229	250	251
	Universe		261	261	261	261	261	261
R1	Result	N.R.	6	6	6	6	6	
	Commitment		6	6	6	6	6	6
	Universe						7	7
R2	Result	N.R.	1	1	1	1	1	
	Commitment		1	1	1	1	1	1
	Universe						1	1
R3	Result							
	Commitment							
	Universe							
R4	Result	N.R.	2	2	2	2	2	
	Commitment		2	2	2	2	2	2
	Universe						5	5
R5	Result	N.R.	32	33	34	34	34	
	Commitment		32	33	34	34	34	34
	Universe		33	34	34	34	34	34
R6	Result	N.R.	30	30	30	49	42	
	Commitment		30	30	30	30	49	49
	Universe						45	45
R7	Result	N.R.	6	6	6	6	6	
	Commitment		5	6	6	6	6	6
	Universe						7	7
R8	Result	N.R.	19	19	21	21	21	
	Commitment		19	19	19	21	21	21
	Universe						23	23
R9	Result	N.R.	80	89	90	91	94	
	Commitment		80	86	90	91	93	94
	Universe						101	101
R10	Result	N.R.	38	38	38	38	38	
	Commitment		38	38	38	38	38	38
	Universe						38	38

Measure Information

Measure Language: 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.

Units: Tribes

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Tribal

Terms and Phrases: Tribe means a federally recognized Indian tribe.

Methodology: Based on the number of tribes that are implementing water monitoring strategies consistent with the EPA 106 Tribal Guidance.

[Click Here for the Complete Measure Definition](#)

WQ-09a (bpg): Number pounds nitrogen reduced from nonpoint sources (millions)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	3.7	10.5	10.4	11.4	9.7	N.R.	
	Budget Target					9.1	9.1	9.1
	Commitment		8.5	9.1	9.1	9.1	9.1	9.1
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Estimated annual reduction in million pounds of nitrogen from nonpoint sources to waterbodies (Section 319 funded projects only).

Units: Pounds

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Nonpoint sources are diffuse pollution sources without a single point of origin.

Methodology: Based on the number of EPA-funded projects addressing nitrogen, phosphorus, or sediment pollutants.

[Click Here for the Complete Measure Definition](#)

WQ-09b (bpf): Number pounds phosphorus reduced from nonpoint sources (millions)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	0.6	4.4	3.5	2.7	2.1	N.R.	
	Budget Target					4.5	4.5	4.5
	Commitment		4.5	4.5	4.5	4.5	4.5	4.5
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Estimated annual reduction in million pounds of phosphorus from nonpoint sources to waterbodies (Section 319 funded projects only).

Units: Pounds

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Nonpoint sources are diffuse pollution sources without a single point of origin.

Methodology: Based on the number of EPA-funded projects addressing nitrogen, phosphorus, or sediment pollutants.

[Click Here for the Complete Measure Definition](#)

WQ-09c (bph): Number tons sediment reduced from nonpoint sources (millions)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1.7	1.1	1.2	1.7	0.9	N.R.	
	Budget Target					1.2	1.2	1.2
	Commitment		0.7	1.1	1.2	1.2	1.2	1.2
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Estimated annual reduction in million tons of sediment from nonpoint sources to waterbodies (Section 319 funded projects only).

Units: Tons

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Nonpoint sources are diffuse pollution sources without a single point of origin.

Methodology: Based on the number of EPA-funded projects addressing nitrogen, phosphorus, or sediment pollutants.

[Click Here for the Complete Measure Definition](#)

WQ-10: Number NPS-impaired waterbodies restored (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	15	433	509	560	604	674	
	Commitment		394	468	537	600	633	N.R.
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result	1	27	31	33	34	35	
	Commitment		27	29	33	34	34	35
	Universe						N.R.	N.R.
R2	Result	0	17	18	20	21	22	
	Commitment		17	19	20	21	22	N.R.
	Universe						N.R.	N.R.
R3	Result	2	54	68	67	70	74	
	Commitment		54	60	66	70	73	N.R.
	Universe						N.R.	N.R.
R4	Result	5	71	82	89	103	118	
	Commitment		61	76	85	95	108	N.R.
	Universe						N.R.	N.R.
R5	Result	3	32	37	42	51	53	
	Commitment		32	37	42	47	53	N.R.
	Universe						N.R.	N.R.
R6	Result	0	39	58	81	89	110	
	Commitment		27	41	62	86	94	N.R.
	Universe						N.R.	N.R.
R7	Result	4	43	57	61	62	71	
	Commitment		28	47	61	65	69	N.R.
	Universe						N.R.	N.R.
R8	Result	0	24	29	33	36	38	
	Commitment		24	28	33	37	38	N.R.
	Universe						N.R.	N.R.
R9	Result	0	16	17	17	19	33	
	Commitment		15	18	20	20	22	N.R.
	Universe						N.R.	N.R.
R10	Result	0	110	112	117	119	120	
	Commitment		109	113	115	119	120	N.R.
	Universe						N.R.	N.R.

Measure Information

Measure Language: 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.

Units: Waterbodies

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: NPS impairments are NPS pollutants or stressors that violate water quality standards; Eliminated means that the violations were removed by corrective actions and the waterbody now meets the water quality criterion.

Methodology: Based on the number of NPS impairments eliminated.

[Click Here for the Complete Measure Definition](#)

WQ-11: Number NPDES follow-up actions completed (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	344	364	404	449	508	
	Commitment Universe		Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator 1
R1	Result	6	40	41	50	51	53	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 72	Indicator 72
R2	Result	5	25	26	26	34	51	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 32	Indicator 32
R3	Result	4	27	29	37	42	48	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 49	Indicator 49
R4	Result	9	32	36	38	42	47	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 44	Indicator 44
R5	Result	16	55	56	58	58	59	
	Commitment Universe		Indicator 67	Indicator 67	Indicator 67	Indicator 67	Indicator 67	Indicator 67
R6	Result	2	17	17	17	17	17	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 23	Indicator 23
R7	Result	6	37	41	43	54	55	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 47	Indicator 47
R8	Result	3	57	57	62	71	77	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 71	Indicator 71
R9	Result	1	20	20	22	27	45	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 25	Indicator 25
R10	Result	2	34	41	51	53	56	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 60	Indicator 60

Measure Information

Measure Language: Number, and national percent, of follow-up actions that are completed by assessed NPDES (National Pollutant Discharge Elimination System) programs.

Units: Follow-up actions

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: Follow-up actions are action items that address a deficiency or noncompliance; National Pollutant Discharge Elimination System (NPDES) are CWA provisions that prohibit discharge of pollutants into water.

Methodology: Based on the number of new action items each year.

[Click Here for the Complete Measure Definition](#)

WQ-12a: Percent nontribal NPDES permits current

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	87.8%	90.4%	89.7%	90.0%	87.0%	88.0%	
	Commitment		88.0%	88.0%	86.0%	85.0%	82.0%	82.0%
	Universe		136,378	136,378	136,378	136,378	136,378	136,378
R1	Result	64.0%	79.0%	77.0%	74.0%	71.0%	62.0%	
	Commitment		80.0%	80.0%	78.0%	70.0%	75.0%	70.0%
	Universe		1,723	1,723	1,723	1,723	1,723	1,723
R2	Result	94.0%	85.8%	82.0%	77.0%	31.0%	42.0%	
	Commitment		87.0%	87.0%	85.0%	49.0%	25.0%	40.0%
	Universe		5,304	5,304	5,304	5,304	5,304	5,304
R3	Result	86.0%	94.0%	93.0%	94.0%	94.0%	92.0%	
	Commitment		89.0%	89.0%	90.0%	90.0%	90.0%	90.0%
	Universe		21,466	21,466	21,466	21,466	21,466	21,466
R4	Result	87.0%	93.0%	92.0%	93.0%	94.0%	88.0%	
	Commitment		85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
	Universe		20,575	20,575	20,575	20,575	20,575	20,575
R5	Result	87.0%	88.0%	89.0%	89.0%	84.0%	91.0%	
	Commitment		88.0%	88.0%	85.0%	82.0%	82.0%	80.0%
	Universe		20,809	20,052	28,469	30,420	32,314	31,434
R6	Result	93.0%	98.0%	98.0%	98.0%	98.0%	97.0%	
	Commitment		94.0%	94.0%	94.0%	94.0%	90.0%	90.0%
	Universe		27,707	27,707	27,707	27,707	27,707	27,707
R7	Result	82.0%	86.0%	86.0%	86.0%	84.0%	85.0%	
	Commitment		90.0%	90.0%	80.0%	80.0%	80.0%	80.0%
	Universe		11,485	11,485	11,485	11,485	11,485	11,485
R8	Result	87.0%	72.6%	73.0%	68.0%	71.0%	72.0%	
	Commitment		82.0%	78.0%	78.0%	78.0%	78.0%	88.0%
	Universe		4,751	4,751	4,751	4,751	4,751	4,751
R9	Result	91.0%	80.0%	67.9%	81.0%	91.0%	80.0%	
	Commitment		80.0%	80.0%	78.0%	78.0%	78.0%	80.0%
	Universe		2,123	2,123	2,123	2,123	2,123	2,123
R10	Result	77.0%	79.0%	78.0%	87.0%	86.0%	80.0%	
	Commitment		80.0%	78.0%	78.0%	80.0%	80.0%	80.0%
	Universe		10,831	10,831	10,831	10,831	10,831	10,831

Measure Information

Measure Language: Percent of non-tribal facilities covered by NPDES permits that are considered current. [Measure will still set targets and commitments and report results in both % and #.]

Units: Facilities

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: National Pollutant Discharge Elimination System (NPDES) are CWA provisions that prohibit discharge of pollutants into water.

Methodology: Based on the number of facilities covered by NPDES individual and non-stormwater general permits.

[Click Here for the Complete Measure Definition](#)

WQ-12b: Percent tribal NPDES permits current

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	80.0%	86.1%	83.4%	85.0%	84.9%	86.0%	
	Commitment		85.0%	88.0%	85.0%	84.0%	84.0%	84.0%
	Universe		412	442	442	442	442	442
R1	Result	0	0.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		0.0%	0.0%	100.0%	100.0%	100.0%	100.0%
	Universe		2	2	2	2	2	2
R2	Result	2	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		2	2	2	2	2	2
R3	Result							
	Commitment							
	Universe							
R4	Result	16	100.0%	100.0%	100.0%	70.0%	64.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	85.0%
	Universe		11	11	11	11	11	11
R5	Result	37	94.0%	94.0%	98.0%	98.0%	93.0%	
	Commitment		95.0%	95.0%	91.0%	90.0%	91.0%	91.0%
	Universe		46	46	46	46	45	45
R6	Result	8	90.0%	100.0%	100.0%	100.0%	88.0%	
	Commitment		80.0%	85.0%	85.0%	85.0%	85.0%	85.0%
	Universe		11	0	0	11	11	11
R7	Result	1	56.0%	94.4%	94.0%	96.0%	96.0%	
	Commitment		100.0%	100.0%	78.0%	87.0%	87.0%	92.0%
	Universe		18	18	18	18	18	18
R8	Result	140	94.0%	84.0%	50.0%	95.0%	89.0%	
	Commitment		90.0%	90.0%	90.0%	88.0%	90.0%	88.0%
	Universe		223	223	223	223	223	223
R9	Result	41	94.0%	92.3%	73.0%	89.0%	88.0%	
	Commitment		85.0%	85.0%	88.0%	88.0%	88.0%	88.0%
	Universe		52	52	52	52	52	52
R10	Result	16	60.0%	62.0%	61.0%	36.0%	70.0%	
	Commitment		60.0%	60.0%	60.0%	60.0%	60.0%	65.0%
	Universe		77	77	77	77	77	77

Measure Information

Measure Language: Percent of tribal facilities covered by NPDES permits that are considered current. [Measure will still set targets and commitments and report results in both % and #.]

Units: Tribal facilities

Direction of Positive Change: Increasing

Type of Measure: Annual; Tribal

Terms and Phrases: National Pollutant Discharge Elimination System (NPDES) are CWA provisions that prohibit discharge of pollutants into water.

Methodology: Based on the number of facilities covered by NPDES individual and non-stormwater general permits.

[Click Here for the Complete Measure Definition](#)

WQ-13a: Number facilities covered by MS-4 permit

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	6,632	6,888	7,774	7,851	7,715	7,752	
	Commitment Universe		Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.
R1	Result	N.R.	520	528	528	528	560	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R2	Result	N.R.	1,279	1,284	1,314	1,290	1,254	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R3	Result	N.R.	1,119	1,116	1,096	1,086	1,040	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R4	Result	N.R.	693	696	782	572	711	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R5	Result	N.R.	1,687	1,956	1,972	1,965	1,879	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R6	Result	N.R.	659	658	595	699	730	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R7	Result	N.R.	209	215	210	220	217	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R8	Result	N.R.	251	251	274	274	274	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R9	Result	N.R.	244	840	848	848	850	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R10	Result	N.R.	227	230	232	233	237	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator

Measure Information

Measure Language: Number, and national percent, of MS-4s covered under either an individual or general permit.

Units: Facilities

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: MS4 is a publicly-owned system that collects and discharges stormwater; Concentrated Animal Feeding Operations (CAFOs) are point sources, as defined by the CWA.

Methodology: Based on the number of MS4s covered under an existing MS4 permit.

[Click Here for the Complete Measure Definition](#)

WQ-13b: Number facilities covered by industrial storm water permit

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	86,826	87,060	94,447	93,042	89,692	95,975	
	Commitment Universe		Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.
R1	Result	N.R.	3,599	3,571	3,792	3,268	4,527	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R2	Result	N.R.	4,614	4,001	4,620	4,364	4,633	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R3	Result	N.R.	6,566	6,653	6,401	6,676	6,158	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R4	Result	N.R.	16,111	18,234	18,522	15,584	18,818	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R5	Result	N.R.	17,763	18,034	18,003	17,001	16,696	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R6	Result	N.R.	21,186	16,490	14,170	14,616	16,143	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R7	Result	N.R.	6,821	7,139	6,229	7,324	7,330	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R8	Result	N.R.	4,313	4,313	5,206	4,377	4,377	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R9	Result	N.R.	1,991	11,334	11,544	11,820	13,589	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R10	Result	N.R.	4,096	4,678	4,555	4,662	3,704	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator

Measure Information

Measure Language: Number of facilities covered under either an individual or general industrial storm water permit.

Units: Facilities

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: MS4 is a publicly-owned system that collects and discharges stormwater; Concentrated Animal Feeding Operations (CAFOs) are point sources, as defined by the CWA.

Methodology: Based on the number of dischargers covered under an industrial stormwater permit.

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WQ-13c: Number sites covered by construction storm water permit

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	242,801	166,031	158,525	164,494	174,481	181,620	
	Commitment Universe		Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.	Indicator N.R.
R1	Result	N.R.	3,405	3,592	3,775	3,775	5,112	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R2	Result	N.R.	10,454	12,239	12,205	13,245	13,966	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R3	Result	N.R.	29,648	30,681	25,603	25,698	21,062	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R4	Result	N.R.	45,453	48,054	49,802	49,805	51,519	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R5	Result	N.R.	8,251	9,407	8,899	10,696	10,455	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R6	Result	N.R.	26,021	9,001	19,467	25,204	30,120	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R7	Result	N.R.	10,133	13,003	12,951	13,540	15,219	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R8	Result	N.R.	16,000	16,000	12,958	12,958	12,958	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R9	Result	N.R.	10,651	11,759	13,105	13,489	15,160	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R10	Result	N.R.	4,397	4,789	5,729	6,071	6,049	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator

Measure Information

Measure Language: Number of sites covered under either an individual or general construction storm water site permit.

Units: facilities

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: MS4 is a publicly-owned system that collects and discharges stormwater; Concentrated Animal Feeding Operations (CAFOs) are point sources, as defined by the CWA.

Methodology: Based on the number of construction site operators obtaining coverage under a construction stormwater permits.

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WQ-13d: Number facilities covered by CAFO permit

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	8,623	7,587	6,684	6,946	6,918	5,900	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		19,653	19,653	19,653	19,653	19,653	19,653
R1	Result	N.R.	7	9	9	9	9	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		33	33	33	33	33	33
R2	Result	624	563	550	241	241	247	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		632	632	632	632	632	632
R3	Result	175	457	686	894	927	964	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		770	770	770	770	770	770
R4	Result	2,131	1,042	1,042	881	881	712	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		3,621	3,621	3,621	3,621	3,621	3,621
R5	Result	1,488	1,824	1,894	1,956	1,960	1,220	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		3,087	3,204	3,070	3,112	3,151	
R6	Result	1,391	741	589	588	566	558	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		4,190	4,190	4,190	4,190	4,190	4,190
R7	Result	1,239	1,521	514	968	929	964	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		3,777	3,777	3,777	3,777	3,777	3,777
R8	Result	448	673	673	706	706	660	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		841	841	841	841	841	841
R9	Result	296	190	173	172	172	149	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,670	1,670	1,670	1,670	1,670	1,670
R10	Result	831	563	554	531	527	417	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		915	915	915	915	915	915

Measure Information

Measure Language: Number of facilities covered under either an individual or general CAFO permit.

Units: facilities

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: MS4 is a publicly-owned system that collects and discharges stormwater; Concentrated Animal Feeding Operations (CAFOs) are point sources, as defined by the CWA.

Methodology: Based on the number of CAFOs covered by an NPDES permit.

[Click Here for the Complete Measure Definition](#)

WQ-14a: Number POTWs SIUs control mechanisms in place

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	22,226	20,733	20,739	20,734	20,518	16,907	
	Commitment		20,814	20,724	20,647	20,617	Indicator	Indicator
	Universe		20,915	20,915	20,915	20,915	20,915	20,915
R1	Result	1,363	1,341	1,366	1,316	1,315	1,289	
	Commitment		1,305	1,296	1,341	1,320	Indicator	Indicator
	Universe		1,341	1,341	1,341	1,341	1,341	1,341
R2	Result	2,110	1,571	1,532	1,538	1,475	1,496	
	Commitment		1,595	1,555	1,555	1,475	Indicator	Indicator
	Universe		1,565	1,565	1,565	1,565	1,565	1,565
R3	Result	1,723	1,613	1,588	1,585	1,591	1,571	
	Commitment		1,696	1,583	1,583	1,581	Indicator	Indicator
	Universe		1,614	1,614	1,614	1,614	1,614	1,614
R4	Result	3,418	3,461	3,544	3,563	3,443	N.R.	
	Commitment		3,460	3,470	3,475	3,565	Indicator	Indicator
	Universe		3,565	3,565	3,565	3,565	3,565	3,565
R5	Result	5,265	4,366	4,359	4,337	4,298	4,204	
	Commitment		4,400	4,367	4,383	4,386	Indicator	Indicator
	Universe		4,367	4,359	4,386	4,298	4,209	
R6	Result	2,132	1,976	1,937	1,937	1,926	1,895	
	Commitment		1,976	1,976	1,898	1,878	Indicator	Indicator
	Universe		1,937	1,937	1,937	1,937	1,937	1,937
R7	Result	829	1,000	946	964	946	960	
	Commitment		980	980	946	946	Indicator	Indicator
	Universe		965	965	965	965	965	965
R8	Result	592	647	647	647	647	647	
	Commitment		647	647	647	647	Indicator	Indicator
	Universe		658	658	658	658	658	658
R9	Result	4,019	4,088	4,149	4,149	4,189	4,149	
	Commitment		4,088	4,088	4,149	4,149	Indicator	Indicator
	Universe		4,214	4,214	4,214	4,214	4,214	4,214
R10	Result	562	670	671	698	688	696	
	Commitment		667	667	670	670	Indicator	Indicator
	Universe		670	670	670	670	670	670

Measure Information

Measure Language: 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.

Units: SIUs

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Categorical Industrial Users (CIUs) are industrial users subject to national pretreatment standards; POTWs without Pretreatment Programs are POTWs not required to develop a pretreatment program; For full list of terms, see the web page.

Methodology: Based on the number of SIUs that are discharging to POTWs with pretreatment programs.

[Click Here for the Complete Measure Definition](#)

WQ-14b: Number POTWs CIUs control mechanisms in place

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1,547	1,667	1,650	1,642	1,514	1,521	
	Commitment Universe		Indicator 1,714	Indicator 1,714	Indicator 1,714	Indicator 1,714	Indicator 1,714	Indicator 1,714
R1	Result	44	44	44	44	38	44	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 1,714	Indicator 1,714
R2	Result	65	65	59	62	N.R.	66	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 45	Indicator 45
R3	Result	66	76	69	73	75	75	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 72	Indicator 72
R4	Result	313	272	279	292	214	N.R.	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 75	Indicator 75
R5	Result	679	824	818	790	814	937	
	Commitment Universe		Indicator 825	Indicator 882	Indicator 801	Indicator 831	Indicator 940	Indicator
R6	Result	109	120	112	112	103	110	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 822	Indicator 822
R7	Result	193	180	183	183	N.R.	N.R.	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 112	Indicator 112
R8	Result	31	36	36	36	36	38	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 217	Indicator 217
R9	Result	6	6	6	6	6	15	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 42	Indicator 42
R10	Result	41	44	44	44	45	46	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator 6	Indicator 6

Measure Information

Measure Language: 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.

Units: CIUs

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Categorical Industrial Users (CIUs) are industrial users subject to national pretreatment standards; POTWs without Pretreatment Programs are POTWs not required to develop a pretreatment program; For full list of terms, see the web page.

Methodology: Based on the number of SIUs that are discharging to POTWs with pretreatment programs.

[Click Here for the Complete Measure Definition](#)

WQ-17 (bpb): CWSRF utilization rate

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	94.7%	98.0%	97.0%	98.0%	98.0%	98.0%	
	Budget Target					94.5%	95.0%	95.0%
	Commitment		94.5%	94.5%	94.5%	94.5%	95.0%	95.0%
	Universe (billions)		98	98	98	98	98	98
R1	Result	110.0%	94.0%	106.0%	104.0%	105.0%	105.0%	
	Commitment		94.0%	94.0%	92.0%	92.0%	92.0%	92.0%
	Universe (billions)		9	9	9	9	9	9
R2	Result	94.0%	93.0%	92.0%	95.0%	95.0%	97.0%	
	Commitment		90.0%	90.0%	90.0%	90.0%	88.0%	88.0%
	Universe (billions)		18	18	18	18	18	18
R3	Result	89.0%	96.0%	94.0%	95.0%	95.0%	93.0%	
	Commitment		92.0%	93.0%	94.5%	94.5%	94.5%	91.0%
	Universe (billions)		8	8	8	8	8	8
R4	Result	95.0%	94.0%	97.0%	97.0%	97.0%	97.0%	
	Commitment		95.0%	90.0%	90.0%	94.5%	94.5%	95.0%
	Universe (billions)		12	12	12	12	12	12
R5	Result	98.0%	99.0%	97.0%	98.0%	100.0%	99.0%	
	Commitment		100.0%	100.0%	95.0%	95.0%	95.0%	95.0%
	Universe (billions)		21	22	24	24	26	
R6	Result	91.0%	94.0%	94.0%	95.0%	93.0%	90.7%	
	Commitment		96.0%	95.0%	95.0%	94.0%	90.0%	90.0%
	Universe (billions)		9	9	9	9	9	9
R7	Result	88.0%	93.0%	96.0%	94.0%	96.0%	99.0%	
	Commitment		92.0%	96.0%	90.0%	93.0%	93.0%	93.0%
	Universe (billions)		6	6	6	6	6	6
R8	Result	91.0%	88.0%	90.0%	91.0%	93.0%	92.0%	
	Commitment		95.0%	94.0%	94.0%	94.0%	94.0%	94.0%
	Universe (billions)		3	3	3	3	3	3
R9	Result	93.0%	111.0%	107.0%	107.0%	111.0%	107.0%	
	Commitment		95.0%	96.0%	95.0%	95.0%	95.0%	100.0%
	Universe (billions)		8	8	8	8	8	8
R10	Result	98.0%	104.0%	97.0%	98.0%	98.0%	100.9%	
	Commitment		98.0%	100.0%	98.0%	98.0%	96.0%	95.0%
	Universe (billions)		3	3	3	3	3	3

Measure Information

Measure Language: Fund utilization rate [cumulative loan agreement dollars to the cumulative funds available for projects] for the Clean Water State Revolving Fund (CWSRF).

Units: Cummulative \$ loans/cummulative fund \$ available

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Loan agreements are the dollar amount of loans provided by the CWSRF; Funds available are CWSRF funds available for projects.

Methodology: Based on the amount of CWSRF funds available to fund projects.

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WQ-19a (bpl): Number high priority state NPDES permits issued

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	601	850	404	516	506	462	
	Budget Target					488	453	459
	Commitment		653	595	486	488	453	459
	Universe		702	702	702	618	618	618
R1	Result	N.R.	15	11	19	24	24	
	Commitment		14	11	19	22	23	23
	Universe		12	12	12	33	33	33
R2	Result	N.R.	33	14	19	14	14	
	Commitment		29	24	19	23	24	23
	Universe		30	30	30	28	28	28
R3	Result	N.R.	141	71	57	84	93	
	Commitment		137	80	69	82	78	86
	Universe		142	142	142	108	108	108
R4	Result	N.R.	126	79	67	66	72	
	Commitment		80	73	65	62	70	65
	Universe		120	120	120	78	78	78
R5	Result	N.R.	196	102	69	72	56	
	Commitment		124	130	60	66	56	57
	Universe		124	158	75	83	69	72
R6	Result	N.R.	91	9	23	23	26	
	Commitment		56	14	20	22	23	19
	Universe		51	51	51	27	27	27
R7	Result	N.R.	138	57	177	128	102	
	Commitment		95	145	158	125	97	108
	Universe		119	119	119	134	134	134
R8	Result	N.R.	52	35	41	48	35	
	Commitment		54	41	36	47	44	35
	Universe		62	62	62	57	57	57
R9	Result	N.R.	12	9	16	18	12	
	Commitment		20	8	11	17	11	8
	Universe		22	22	22	20	20	20
R10	Result	N.R.	46	17	30	29	28	
	Commitment		44	69	29	22	27	35
	Universe		41	41	41	50	50	50

Measure Information

Measure Language: Number of high priority state NPDES permits that are issued in the fiscal year.

Units: High priority State NPDES permits

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: National Pollutant Discharge Elimination System (NPDES) are CWA provisions that prohibit discharge of pollutants into water.

Methodology: Based on the number of selected priority permits issued per year.

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WQ-19b (bpv): Number high priority state & EPA NPDES permits issued

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	59	720	652	532	526	501	
	Budget Target					547	504	511
	Commitment		925	449	556	547	504	511
	Universe		763	763	763	674	674	674
R1	Result	N.R.	34	24	34	43	41	
	Commitment		31	23	31	34	40	40
	Universe		35	35	35	57	57	57
R2	Result	N.R.	52	23	27	22	24	
	Commitment		39	33	25	31	34	33
	Universe		39	39	39	37	37	37
R3	Result	N.R.	142	71	57	84	93	
	Commitment		138	80	69	82	78	86
	Universe		145	145	145	108	108	108
R4	Result	N.R.	126	79	67	66	72	
	Commitment		80	73	65	62	70	65
	Universe		120	120	120	78	78	78
R5	Result	N.R.	196	102	69	72	56	
	Commitment		124	130	60	66	56	57
	Universe		124	158	75	83	69	72
R6	Result	N.R.	97	9	25	24	27	
	Commitment		59	15	21	23	24	20
	Universe		57	57	57	28	28	28
R7	Result	N.R.	138	64	194	133	103	
	Commitment		108	151	163	130	98	112
	Universe		120	120	120	140	140	140
R8	Result	N.R.	55	36	42	48	35	
	Commitment		57	42	41	47	46	37
	Universe		62	62	62	57	57	57
R9	Result	N.R.	15	12	17	19	13	
	Commitment		23	12	15	19	15	12
	Universe		37	37	37	22	22	22
R10	Result	N.R.	70	29	43	36	40	
	Commitment		61	93	42	32	40	49
	Universe		67	67	67	64	64	64

Measure Information

Measure Language: Number of high priority state and EPA (including tribal) NPDES permits that are issued in the fiscal year.

Units: High priority EPA NPDES permits

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: National Pollutant Discharge Elimination System (NPDES) are CWA provisions that prohibit discharge of pollutants into water.

Methodology: Based on the number of selected priority permits issued per year.

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WQ-23 (Opb): Percent rural Alaska homes access to drinking water & wastewater disposal

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	91.0%	91.0%	91.0%	94.4%	94.6%	93.5%	
	Budget Target					92.5%	93.0%	93.5%
	Commitment		93.0%	93.0%	93.5%	92.5%	93.0%	93.5%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Percent of serviceable rural Alaska homes with access to drinking water supply and wastewater disposal.

Units: Alaska homes

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Homes are houses within Alaskan Native Villages; Serviceable means homes that can be provided with safe drinking water and/or wastewater service; Access is the reduction in the wastewater sanitation deficiency of a tribal home from a 4/5 to a 3/less.

Methodology: Based on the number of homes in the service area.

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WQ-24.N11: Number Indian & Alaska Native homes with access to sanitation (cumulative)

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	43,600	63,087	69,783	75,140	81,080	N.R.	
	Commitment		62,300	67,600	72,700	77,700	85,900	85,900
	Universe		360,000	360,000	360,000	360,000	360,000	360,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of American Indian and Alaska Native homes provided access to basic sanitation in coordination with other federal agencies.

Units: Homes

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Tribal

Terms and Phrases: Homes are houses on American Indian lands and within Alaskan Native Villages; Sanitation Deficiency is need for new or upgraded wastewater facilities for existing homes; Access is the reduction in the wastewater sanitation deficiency of a tribal home from a 4/5 to a 3/less.

Methodology: Based on the number of homes that lack safe wastewater sanitation services.

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WQ-25a (uw1): Number urban water projects initiated addressing community water quality issues

Level	Data Type	Baseline 2012	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	N.R.	46	9	65	28	48		<p>Measure Language: Number of urban water projects initiated addressing water quality issues in the community.</p> <p>Units: Projects</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual; Budget</p> <p>Terms and Phrases: Project initiation and completion is the time when the grant was awarded, until an approval of the project's final report was made; Urban Waters Small Grants fund projects that will advance the restoration of urban waters.</p> <p>Methodology: Based on the number of urban water projects.</p>
	Budget Target					22	49	25	
	Commitment		3	10	30	28	49	25	
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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WQ-25b (uw2): Number of urban water projects completed addressing community water quality issues (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				60	110	
	Budget Target					61	78	175
	Commitment					61	105	124
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of urban water projects completed addressing water quality issues in the community.

Units: UW projects

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Project initiation and completion is the time when the grant was awarded, until an approval of the project's final report was made; Urban Waters Small Grants fund projects that will advance the restoration of urban waters.

Methodology: Based on the number of urban water projects.

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WQ-27 (bpx): Percent priority areas restored to achieve water quality standards

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				N.R.	9.0%	
	Budget Target					8.0%	8.0%	31.0%
	Commitment					8.0%	8.0%	31.0%
	Universe					N.R.	N.R.	N.R.
R1	Result	N.R.					176,792	
	Commitment						371,685	345,583
	Universe							
R2	Result	N.R.					245,877	
	Commitment						245,877	311,465
	Universe							
R3	Result	N.R.					250,455	
	Commitment						1,025,208	1,667,841
	Universe							
R4	Result	N.R.					1,502,618	
	Commitment						2,380,672	2,474,542
	Universe							
R5	Result	60557100.0%					893,610	
	Commitment						994,360	8,428,034
	Universe						22,300,991	22,295,856
R6	Result	N.R.					283,592	
	Commitment						1,024,390	876,163
	Universe							
R7	Result	N.R.					575,084	
	Commitment						1,218,759	1,301,529
	Universe							
R8	Result	N.R.					1,233,443	
	Commitment						2,223,113	3,690,045
	Universe							
R9	Result	N.R.					485,079	
	Commitment						N.R.	516,010
	Universe							
R10	Result	N.R.					0	
	Commitment						N.R.	181,826
	Universe							

Measure Information

Measure Language: 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.

Units: Priority areas

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Clean Water Act 303(d) Program Vision Priorities is a long-term process for identifying priority watersheds or waterbodies; TMDL is the sum of the individual load allocations for point and nonpoint sources; For full list of terms, see the web page.

Methodology: For full methodology please see definition of the web page.

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WQ-28: Percent state-wide activities leading to completed TMDLs, restoration of impaired waters, or protection of unimpaired waters

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	N.R.					N.R.		<p>Measure Language: State-wide extent of activities leading to completed TMDLs or alternative restoration approaches for impaired waters, or protection approaches for unimpaired waters.</p> <p>Units: Activities</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual</p> <p>Terms and Phrases: Alternative restoration approach is a near-term plan to achieving WQS than a TMDL; Category 4b includes waters for which other pollution control measures can achieve WQS; For full list of terms, see the web page.</p> <p>Methodology: For full methodology please see definition of the web page.</p>
	Commitment						Indicator	Indicator	
	Universe						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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WQ-29: Number of states protecting or improving water quality conditions

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.					21	
	Commitment Universe						Indicator N.R.	Indicator N.R.
R1	Result	N.R.					3	
	Commitment Universe						Indicator	Indicator
R2	Result	N.R.					3	
	Commitment Universe						Indicator	Indicator
R3	Result	N.R.					2	
	Commitment Universe						Indicator	Indicator
R4	Result	N.R.					3	
	Commitment Universe						Indicator	Indicator
R5	Result	N.R.					2	
	Commitment Universe						Indicator 6	Indicator 6
R6	Result	N.R.					1	
	Commitment Universe						Indicator	Indicator
R7	Result	N.R.					1	
	Commitment Universe						Indicator	Indicator
R8	Result	N.R.					2	
	Commitment Universe						Indicator	Indicator
R9	Result	N.R.					2	
	Commitment Universe						Indicator	Indicator
R10	Result	N.R.					2	
	Commitment Universe						Indicator	Indicator

Measure Information

Measure Language: 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.

Units: States

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: State-wide statistically valid survey is a survey that meets the criteria set out in the 2008 Guidelines for the Award of Monitoring Initiative Funds; Core indicators are parameters selected by the state and reported consistently to track water quality; For full list of terms, see the web page.

Methodology: Based on data from state-scale statistically-valid surveys.

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WQ-30: Number of WaterSense partners working to improve water use efficiency

Level	Data Type	Baseline 2014	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1,582					1,833	
	Commitment						Indicator	Indicator
	Universe						N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of WaterSense partners working to improve water use efficiency.

Units: WaterSense partners

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: WaterSense is a voluntary partnership program for water protection; WaterSense partners include manufacturers, retailers, local governments, and other key stakeholders.

Methodology: Based on the number of active WaterSense partners.

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WQ-31: Number of water and wastewater utilities that use the EnergyStar Portfolio Manager

Level	Data Type	Baseline 2014	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	2,177					N.R.		<p>Measure Language: Number of water and wastewater utilities that use the EnergyStar Portfolio Manager to manage energy.</p> <p>Units: Water and wastewater utilities</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Cumulative</p> <p>Terms and Phrases: None provided.</p> <p>Methodology: Based on the number of water and wastewater utilities that use the EnergyStar Portfolio.</p>
	Commitment						Indicator	Indicator	
	Universe						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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WQ-32: Number of water and wastewater utilities that have registered to use the CREAT

Level	Data Type	Baseline 2014	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	1,782					431		<p>Measure Language: Number of water and wastewater utilities that have registered to use the Climate Resilience Evaluation and Awareness Tool (CREAT).</p> <p>Units: Water and wastewater utilities</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Cumulative</p> <p>Terms and Phrases: NOT AVAILABLE ONLINE</p> <p>Methodology: NOT AVAILABLE ONLINE</p>
	Commitment						Indicator	Indicator	
	Universe						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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WQ-33: Number of CWSRFs/DWSRFs that used financial incentives to promote climate resilience

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	N.R.					17; 15		<p>Measure Language: Number of CWSRFs/DWSRFs that used financial incentives to promote climate resilience projects in the last year.</p> <p>Units: CWSRFs/DWSRFs</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual</p> <p>Terms and Phrases: Financial incentives include, but are not limited to, interest rate breaks, reserves for resiliency projects, and providing additional subsidization.</p> <p>Methodology: Based on CWSRF and DWSRF programs.</p>
	Commitment						Indicator	Indicator	
	Universe (CWSFRs; DWSRFs)						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R2	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R3	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R4	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R5	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R6	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R7	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R8	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R9	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								
R10	Result								
	Commitment								
	Universe (CWSFRs; DWSRFs)								

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WQ-SP10.N11 (L): Number formerly impaired waterbodies now meeting standards (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	3,527	3,679	3,866	3,944	4,009	
	Budget Target		3,324	3,727	3,779	3,979	4,166	4,089
	Commitment		3,324	3,727	3,779	3,979	4,166	4,089
	Universe		39,503	39,503	39,503	39,503	39,503	39,503
R1	Result	N.R.	144	156	164	172	173	
	Commitment		140	156	161	164	173	173
	Universe		6,710	6,710	6,710	6,710	6,710	6,710
R2	Result	N.R.	176	182	184	186	186	
	Commitment		171	176	184	186	186	187
	Universe		1,805	1,805	1,805	1,805	1,805	1,805
R3	Result	N.R.	583	594	604	613	626	
	Commitment		575	600	610	612	624	632
	Universe		8,998	8,998	8,998	8,998	8,998	8,998
R4	Result	N.R.	516	544	615	637	644	
	Commitment		514	526	554	625	640	650
	Universe		5,274	5,274	5,274	5,274	5,274	5,274
R5	Result	N.R.	736	736	769	769	783	
	Commitment		665	736	756	769	782	783
	Universe		4,550	4,550	4,550	4,550	4,550	4,550
R6	Result	N.R.	206	243	250	263	271	
	Commitment		200	220	248	255	271	277
	Universe		1,407	1,407	1,407	1,407	1,407	1,407
R7	Result	N.R.	434	443	469	476	477	
	Commitment		383	441	456	469	477	478
	Universe		2,036	2,036	2,036	2,036	2,036	2,036
R8	Result	N.R.	371	371	375	379	383	
	Commitment		314	371	376	379	383	386
	Universe		1,274	1,274	1,274	1,274	1,274	1,274
R9	Result	N.R.	109	157	167	180	195	
	Commitment		109	124	160	170	180	195
	Universe		1,041	1,041	1,041	1,041	1,041	1,041
R10	Result	N.R.	252	253	269	269	271	
	Commitment		253	258	274	274	366	269
	Universe		6,408	6,408	6,408	6,408	6,408	6,408

Measure Information

Measure Language: Number of waterbodies identified in 2002 as not attaining water quality standards where standards are now fully attained.

Units: Waterbodies

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Attaining water quality standards means the water body is fully compliant; Impairment is a violation of the TMDL.

Methodology: Based on the number of noncompliant water bodies in 2002, that have undergone corrective action.

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WQ-SP11 (wq2): Number causes of waterbody impairment removed (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	11,134	11,754	12,288	12,640	12,910	
	Budget Target					12,788	12,990	13,340
	Commitment		10,161	11,634	12,134	12,514	13,228	13,340
	Universe		69,677	69,677	69,677	69,677	69,677	69,677
R1	Result	N.R.	434	472	481	493	495	
	Commitment		420	465	481	483	494	494
	Universe		8,826	8,826	8,826	8,826	8,826	8,826
R2	Result	N.R.	569	588	593	620	620	
	Commitment		554	577	593	612	620	622
	Universe		2,567	2,567	2,567	2,567	2,567	2,567
R3	Result	N.R.	1,903	1,996	2,083	2,117	2,145	
	Commitment		1,835	2,010	2,050	2,115	2,140	2,155
	Universe		13,958	13,958	13,958	13,958	13,958	13,958
R4	Result	N.R.	1,160	1,235	1,323	1,361	1,368	
	Commitment		1,160	1,210	1,255	1,343	1,371	1,380
	Universe		9,374	9,374	9,374	9,374	9,374	9,374
R5	Result	N.R.	3,170	3,170	3,234	3,234	3,281	
	Commitment		3,205	3,205	3,300	3,234	3,250	3,281
	Universe		10,155	10,155	10,155	10,155	10,155	10,155
R6	Result	N.R.	604	703	717	763	788	
	Commitment		615	625	708	732	779	791
	Universe		3,005	3,005	3,005	3,005	3,005	3,005
R7	Result	N.R.	1,327	1,363	1,441	1,458	1,474	
	Commitment		623	1,357	1,417	1,441	1,470	1,482
	Universe		4,391	4,391	4,391	4,391	4,391	4,391
R8	Result	N.R.	793	793	913	941	952	
	Commitment		607	793	798	917	946	955
	Universe		3,502	3,502	3,502	3,502	3,502	3,502
R9	Result	N.R.	653	892	902	1,056	1,179	
	Commitment		619	703	900	950	1,050	1,179
	Universe		2,742	2,742	2,742	2,742	2,742	2,742
R10	Result	N.R.	521	542	601	601	608	
	Commitment		523	528	627	627	651	601
	Universe		11,157	11,157	11,157	11,157	11,157	11,157

Measure Information

Measure Language: Remove the specific causes of waterbody impairment identified by states in 2002.

Units: Impairment causes

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Removal of an impairment cause means that the original impairment cause in 2002 is no longer impairing the water body.

Methodology: Based on the number of impairments.

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WQ-SP12.N11 (wq3): Number impaired watersheds improved water quality (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	332	376	411	450	485	
	Budget Target		312	370	408	446	484	519
	Commitment		312	370	408	446	484	519
	Universe		4,767	4,767	4,767	4,767	4,767	4,767
R1	Result	N.R.	8	9	9	10	10	
	Commitment		8	9	10	10	10	10
	Universe						246	246
R2	Result	N.R.	24	25	26	27	27	
	Commitment		24	25	26	26	27	28
	Universe						300	300
R3	Result	N.R.	20	21	23	24	25	
	Commitment		20	21	22	24	25	26
	Universe						300	300
R4	Result	N.R.	56	62	69	77	81	
	Commitment		56	62	68	76	81	85
	Universe						2,000	2,000
R5	Result	N.R.	30	35	40	45	48	
	Commitment		30	35	40	45	48	51
	Universe		378	378	378	378	378	378
R6	Result	N.R.	49	58	67	77	84	
	Commitment		45	57	61	72	82	86
	Universe						213	213
R7	Result	N.R.	11	11	11	12	12	
	Commitment		8	12	13	14	15	16
	Universe						169	169
R8	Result	N.R.	39	49	58	65	71	
	Commitment		37	43	54	63	70	76
	Universe						684	684
R9	Result	N.R.	26	31	31	36	50	
	Commitment		30	31	33	34	38	52
	Universe						27	27
R10	Result	N.R.	69	75	77	77	77	
	Commitment		54	75	77	79	77	83
	Universe						450	450

Measure Information

Measure Language: Improve water quality conditions in impaired watersheds nationwide using the watershed approach.

Units: 12-digit HUC watersheds

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Impaired watershed is a watershed containing one or more impaired water bodies; Impaired waterbody has a TMDL violation reported in 2002; Watershed approach is the process of prioritizing water resource problems

Methodology: Based on the number of watersheds and water bodies with violations reported in 2002.

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WQ-SP13.N11: Maintain and improve nation's lake and stream conditions

Level	Data Type	Baseline 2006	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	28% good; 25% fair; 42% poor	N.R.	N.R.	N.R.	No WQ degradation	No WQ degradation	
	Commitment		Long-term	Long-term	Long-term	No WQ degradation	No WQ degradation	No WQ degradation
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Ensure that the condition of the Nation's lakes does not degrade (i.e., there is no statistically significant increase in the percent of lakes rated "poor" and no statistically significant decrease in the streams rated "good").

Units: Scale

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: None provided.

Methodology: Based on national assessment of coastal waters, lakes, rivers/streams, or wetlands.

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WQ-SP14a.N11: Number monitoring stations in tribal waters with improved water quality (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	15	20	21	28	38	
	Commitment		13	20	22	23	37	44
	Universe		185; 1729	185; 1729	185; 1729	185; 1729	185; 1729	1,729
R1	Result	N.R.	1	1	1	1	1	
	Commitment		1	1	1	1	1	1
	Universe						14; 160	14; 160
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	N.R.	1	1	1	0	N.R.	
	Commitment		1	1	1	1	N.R.	0
	Universe						0; 37	0; 37
R5	Result	N.R.	3	3	3	3	3	
	Commitment		2	3	3	3	3	3
	Universe		44; 729	44; 729	44; 729	44; 729	44; 729	44; 729
R6	Result	N.R.	1	1	1	2	2	
	Commitment		1	1	1	1	2	2
	Universe						1; 68	1; 68
R7	Result	N.R.	N.R.	1	1	3	3	
	Commitment		N.R.	1	1	1	3	4
	Universe						4; 150	4; 150
R8	Result	N.R.	2	2	3	3	9	
	Commitment		2	2	2	1	10	11
	Universe						10; 100	10; 100
R9	Result	N.R.	5	8	8	11	12	
	Commitment		4	8	10	11	11	12
	Universe						43; 203	43; 203
R10	Result	N.R.	2	3	3	5	8	
	Commitment		2	3	3	5	8	13
	Universe						67; 268	67; 268

Measure Information

Measure Language: 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).

Units: Monitoring stations

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Tribal

Terms and Phrases: Seven key parameters are the seven parameters identified in the EPA's Clean Water Act.

Methodology: For full methodology please see definition on the web page.

[Click Here for the Complete Measure Definition](#)

WQ-SP14b.N11: Number monitoring stations in tribal waters with no degradation in water quality (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	7	4	6	22	24	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		261	261	261	261	261	261
R1	Result	N.R.	0	0	1	1	1	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		14	14	14	14	14	14
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	N.R.	0	1	1	1	0	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		2	2	2	2	2	2
R5	Result	N.R.	N.R.	N.R.	0	0	0	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		44; 729	44; 729	44; 729	44; 729	44; 729	44; 729
R6	Result	N.R.	0	0	0	4	N.R.	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1	1	1	1	1	1
R7	Result	N.R.			0	0	0	
	Commitment				Indicator	Indicator	Indicator	Indicator
	Universe				N.R.	N.R.	N.R.	N.R.
R8	Result	N.R.	2	N.R.	0	2	2	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		10	10	10	10	10	10
R9	Result	N.R.	0	N.R.	0	10	13	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		43	43	43	43	43	43
R10	Result	N.R.	5	3	4	4	8	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		67	67	67	67	67	67

Measure Information

Measure Language: Identify monitoring stations on tribal lands that are showing no degradation in water quality (meaning the waters are meeting tribal water quality objectives).

Units: Monitoring stations

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Tribal

Terms and Phrases: No degradation means all the core indicators met benchmark water quality criteria over the last two years; Benchmark water quality criteria EPA-approved/recommended criteria included in the tribe's CWA; Core indicators might include, but are not limited to, the seven indicators identified in the CWA guidance for tribes.

Methodology: For full methodology please see definition of the web page.

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PI-SP26 (pi1): Percent Pacific Islands population served by CWS

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	95%; 10%; 80%	80.0%	81.0%	98.0%	97.7%	82.1%	
	Budget Target					80.0%	80.0%	80.0%
	Commitment		80.0%	82.0%	80.0%	85.0%	80.0%	80.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	95%; 10%; 80%	80.0%	81.0%	98.0%	97.7%	82.1%	
	Commitment		80.0%	82.0%	80.0%	85.0%	80.0%	80.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
	Result							
R10	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Population: American Samoa; Mariana Islands; Guam

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: CWS is a public, year-round water system; U.S. Pacific territories consist of American Samoa, Commonwealth of the Northern Mariana Islands, and Guam.

Methodology: Based on Quarterly Safe Drinking Water Information System data.

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SFL-1: Increase percent sewage treatment systems receiving advanced wastewater treatment in Florida Keys

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	32,000	13.1%	5.0%	4.2%	7.2%	3.5%	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		75,000	75,000	75,000	75,000	75,000	75,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	32,000	13.1%	5.0%	4.2%	7.2%	3.5%	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		75,000	75,000	75,000	75,000	75,000	75,000
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Increase percentage of sewage treatment facilities and onsite sewage treatment and disposal systems receiving advanced wastewater treatment or best available technology as recorded by EDU. in Florida Keys two percent (1500 EDUs) annually.

Units: Sewage treatment systems

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: EDU is equivalent to wastewater effluent from one home - 167 gallons per day per home.

Methodology: None provided.

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SFL-2 (sf6): Number STAs with TP outflow less than or the same as the five-year annual average

Level	Data Type	Base. 2010-15	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				4	4	
	Budget Target					3	3	3
	Commitment					3	3	3
	Universe (Stormwater Treatment Areas)					5	5	5
R1	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R2	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R3	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R4	Result	N.R.				4	4	
	Commitment					3	3	3
	Universe (Stormwater Treatment Areas)					5	5	5
R5	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R6	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R7	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R8	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R9	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							
R10	Result							
	Commitment							
	Universe (Stormwater Treatment Areas)							

Measure Information

Measure Language: 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.

Units: STAs

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Stormwater Treatment Areas (STAs) are constructed wetlands that remove phosphorus from water before discharge into the Everglades.

Methodology: None provided.

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SFL-SP45: Achieve no net loss in South Florida stony coral

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	6.8% in FKNMS; 5.9% in SE FL	No Net Loss	6.9%	No Net Loss	7.0%	Not Maintained	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	6.8% FKNMS; 5.9% SE FL	No Net Loss	6.9%	No Net Loss	7.0%	Not Maintained	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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).

Units: Stony coral cover

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Stony corals (scleractinians) are the group primarily responsible for laying the foundations of reef structures.

Methodology: Based on data from the Florida Keys Coral Reef Evaluation and Monitoring Project.

[Click Here for the Complete Measure Definition](#)

SFL-SP46: Maintain health of South Florida sea grass

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	EI = 8.3; SCI=0.48	Not Maintained	Maintained	Maintained	Maintained	Maintained	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	EI = 8.3; SCI=0.48	Not maintained	Maintained	Maintained	Maintained	Maintained	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Sea grass

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Thalassia is the dominant species of seagrass within the Florida Key National Marine Sanctuary (FKNMS).

Methodology: Based on data from the Seagrass Monitoring Project (SMP) for the FKNMS.

[Click Here for the Complete Measure Definition](#)

SFL-SP47a (sf3): Percent South Florida monitoring stations maintain coastal water quality for chlorophyll a & light clarity

Level	Data Type	Base. 1995-2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	75.7%; 74.6%	70.9%; 72.5%	84.5%; 80.4%	86.0%; 87.2%	82.0%; 77.3%	70.9%; 78.5%	
	Budget Target					75.0%	75.0%	75.0%
	Commitment		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
	Universe		154	154	154	154	154	154
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	75.7%; 74.6%	70.9%; 72.5%	84.5%; 80.4%	86.0%; 87.2%	82.0%; 77.3%	70.9%; 78.5%	
	Commitment		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
	Universe		154	154	154	154	154	154
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Monitoring stations

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Chlorophyll a (CHLA) estimates the amount of algae in the water; Light clarity (Kd) measures the water clarity.

Methodology: Based on data from the Water Quality Monitoring Project.

[Click Here for the Complete Measure Definition](#)

SFL-SP47b (sf4): Percent South Florida monitoring stations maintain coastal water quality for nitrogen and phosphorous

Level	Data Type	Base. 1995-2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	76.3%; 80.9%	81%; 89.5%	60.0%; 82.3%	72.6%; 87.6%	61.7%; 78.3%	70.8%; 89.1%	
	Budget Target					75.0%	75.0%	75.0%
	Commitment		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
	Universe		154	154	154	154	154	154
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result	76.3%; 80.9%	81%; 89.5%	60.0%; 82.3%	72.6%; 87.6%	61.7%; 78.3%	70.8%; 89.1%	
	Commitment		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
	Universe		154	154	154	154	154	154
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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 .

Units: Monitoring stations

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: None provided.

Methodology: Based on data from the Water Quality Monitoring Project.

[Click Here for the Complete Measure Definition](#)

CR-SP53: Number acres contaminated sediments cleaned up (cumulative)

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	79	79	82	89	91	
	Commitment		63	80	86	88	89	95
	Universe		400	400	400	400	400	400
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result	N.R.	79	79	82	89	91	
	Commitment		63	80	86	86	89	95
	Universe		N.R.	400	400	400	400	400

Measure Information

Measure Language: Clean up acres of known contaminated sediments. (cumulative starting in FY 06)

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: None provided.

Methodology: Based on data from EPA and state or other federal agencies.

[Click Here for the Complete Measure Definition](#)

CR-SP54: Percent reduction of contaminants in water & fish (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.		99.2%	90.0%		95.0%	
	Commitment			10.0%	Indicator		Indicator	Indicator
	Universe			N.R.	N.R.		N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result	N.R.		99.2%	90.0%		95.0%	
	Commitment			10.0%	Indicator		Indicator	Indicator
	Universe			N.R.	N.R.		N.R.	N.R.

Measure Information

Measure Language: Demonstrate a reduction in mean concentration of certain contaminants of concern found in water and fish tissue. (cumulative starting in FY 06)

Units: Reduction

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: Certain contaminants of concern are chlorpyrifos and azinphos methyl.

Methodology: None provided.

[Click Here for the Complete Measure Definition](#)

CO-02: Number square miles protected from vessel sewage (cumulative)

Level	Data Type	Baseline 2009	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	52,607	58,929	63,773	64,536	64,431	64,431	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		162,561	162,561	162,561	162,561	162,561	162,561
R1	Result	2,511	3,779	3,779	3,948	3,948	3,948	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		6,453	6,453	6,453	6,453	6,453	6,453
R2	Result	1,271	6,015	6,015	6,608	6,758	6,758	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		5,995	5,995	5,995	5,995	5,995	5,995
R3	Result	65	65	65	65	65	65	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		7,882	7,882	7,882	7,882	7,882	7,882
R4	Result	2,775	3,085	3,085	3,085	3,085	3,085	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		24,128	24,128	24,128	24,128	24,128	24,128
R5	Result	45,701	45,701	45,701	45,701	45,701	45,701	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		55,419	55,419	55,419	55,419	55,419	55,419
R6	Result	2	2	2	2	2	2	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		9,905	9,905	9,905	9,905	9,905	9,905
R7	Result							
	Commitment							
	Universe							
R8	Result	254	254	254	254	N.R.	N.R.	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,749	1,749	1,749	1,749	1,749	1,749
R9	Result	28	28	4,872	4,872	4,872	4,872	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		9,883	9,883	9,883	9,883	9,883	9,883
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Total coastal and non-coastal statutory square miles protected from vessel sewage by “no discharge zone(s).”

Units: Statutory square miles

Direction of Positive Change: Increasing

Type of Measure: Cumulative

Terms and Phrases: No discharge zones (NDZs) are areas where both treated and untreated sewage discharges from vessels are prohibited.

Methodology: Based on number of NDZs.

[Click Here for the Complete Measure Definition](#)

CO-04: Rate of return federal investment for NEP (million dollars)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	159	323	822	577	490	465	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result	12	201	749	453	275	301	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R2	Result	47	10	5	5	11	6	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result	8	7	10	9	7	3	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R4	Result	19	27	16	24	143	27	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result							
	Commitment							
	Universe							
R6	Result	5	8	6	4	7	6	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	51	17	13	14	11	7	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result	17	53	23	68	36	116	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

Measure Information

Measure Language: 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.

Units: Million dollars

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Primary leveraged resources are resources the National Estuary Program (NEP) director and/or staff played the central role in obtaining.

Methodology: Based on data from EPA Annual Commitment System.

[Click Here for the Complete Measure Definition](#)

CO-06: Number active dredged material sites monitored

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	35	40	41	33	31	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		66	67	70	70	70	71
R1	Result	N.R.	2	1	2	3	2	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		5	5	5	5	5	6
R2	Result	N.R.	2	3	1	1	2	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1	1	1	1	1	1
R3	Result	N.R.	1	1	1	1	1	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		2	2	2	2	2	2
R4	Result	N.R.	7	9	11	9	9	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		17	16	17	17	17	17
R5	Result							
	Commitment							
	Universe							
R6	Result	N.R.	7	4	4	3	2	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		13	13	16	16	16	16
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	N.R.	2	8	8	2	1	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		12	12	12	12	12	12
R10	Result	N.R.	14	14	14	14	14	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		14	14	14	14	14	14

Measure Information

Measure Language: Number of active dredged material ocean dumping sites that are monitored in the reporting year.

Units: Sites

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Active refers to a dredged material ocean dumping site that has been used in five years; A dredged material ocean dumping site is an area where ocean dumping of wastes is permitted; Monitoring refers to efforts to collect and test various conditions at ocean dredged material disposal sites.

Methodology: Based on the number of active dredged material ocean dumping sites.

[Click Here for the Complete Measure Definition](#)

CO-432.N11 (202): Number additional NEP acres habitat protected or restored

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	449,241	114,579	127,594	93,557	111,585	70,463	
	Budget Target					100,000	100,000	100,000
	Commitment		100,000	100,000	100,000	100,000	100,000	100,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result	14,562	3,589	2,290	5,497	5,699	5,000	
	Commitment		2,543	2,500	2,894	1,415	2,500	2,500
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R2	Result	15,009	3,017	791	4,121	6,586	2,080	
	Commitment		1,258	1,255	1,250	1,250	1,250	1,250
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result	33,793	4,726	11,926	2,469	2,317	4,532	
	Commitment		2,650	4,400	3,650	3,500	2,400	1,940
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R4	Result	232,605	52,801	68,234	56,886	83,832	42,601	
	Commitment		30,000	30,000	25,000	25,000	25,000	25,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R5	Result							
	Commitment							
	Universe							
R6	Result	54,378	8,776	6,560	6,632	6,984	11,095	
	Commitment		3,000	3,000	3,000	3,000	3,000	3,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	82,363	30,438	30,226	6,026	1,739	781	
	Commitment		1,000	1,000	500	500	2,000	2,500
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result	16,531	11,228	7,566	11,926	4,428	4,374	
	Commitment		5,291	8,500	2,505	4,972	5,190	2,640
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

Measure Information

Measure Language: 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).

Units: Acres of habitat

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Partners are governmental, non-governmental, and private sector entities; Habitat means aquatic and terrestrial areas within the NEP study area; Estuary is a partly enclosed coastal body of water in which river water is mixed with seawater.

Methodology: Based on data from the National Estuary Program.

[Click Here for the Complete Measure Definition](#)

CO-SP20.N11 (co5): Percent ocean dumping sites acceptable conditions achieved

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	94.0%	97.0%	96.0%	95.0%	95.0%	97.0%	
	Budget Target					95.0%	95.0%	95.0%
	Commitment		96.0%	95.0%	95.0%	95.0%	95.0%	95.0%
	Universe		70	66	70	70	70	71
R1	Result	N.R.	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		5	5	5	5	5	6
R2	Result	N.R.	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		1	1	1	1	1	1
R3	Result	N.R.	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		2	2	2	2	2	2
R4	Result	N.R.	90.0%	84.0%	81.0%	81.0%	88.2%	
	Commitment		90.0%	90.0%	84.0%	81.0%	88.2%	88.2%
	Universe		17	16	17	17	17	17
R5	Result							
	Commitment							
	Universe							
R6	Result	N.R.	86.0%	86.0%	86.0%	87.0%	93.0%	
	Commitment		79.0%	86.0%	86.0%	87.0%	93.0%	93.0%
	Universe		13	13	16	16	16	16
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	N.R.	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		12	12	12	12	12	12
R10	Result	N.R.	100.0%	100.0%	100.0%	100.0%	100.0%	
	Commitment		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	Universe		14	14	14	14	14	14

Measure Information

Measure Language: 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).

Units: Sites

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Active refers to a dredged material ocean dumping site that has been used in five years; A dredged material ocean dumping site is an area where ocean dumping of wastes is permitted; Site Management Plan is a baseline assessment of the site and site management practices for environmental protection.

Methodology: Based on the number of active dredged material ocean dumping sites.

[Click Here for the Complete Measure Definition](#)

WT-01 (4G): Number wetland acres restored and enhanced (cumulative)

Level	Data Type	Baseline 2006	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	58,777	180,000	207,000	221,000	275,555	291,055	
	Budget Target					230,000	290,000	305,000
	Commitment		170,000	190,000	220,000	230,000	290,000	305,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of acres restored and improved, under the 5-Star, NEP, 319, and great waterbody programs.

Units: Wetland acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Measure tracks wetland acres restored.

Methodology: Based on acres of wetlands restored and improved.

[Click Here for the Complete Measure Definition](#)

WT-02a: Number states/tribes increased wetland program capacity in one or more core elements

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	20	44	37	36	30	57	
	Commitment Universe		Indicator 596	Indicator 596	Indicator 596	Indicator 596	Indicator 596	Indicator 596
R1	Result	6	6	7	8	6	6	
	Commitment Universe		Indicator 9	Indicator 9	Indicator 9	Indicator 9	Indicator 9	Indicator 9
R2	Result	0	0	2	0	0	0	
	Commitment Universe		Indicator 7	Indicator 7	Indicator 7	Indicator 7	Indicator 7	Indicator 7
R3	Result	3	5	3	4	4	5	
	Commitment Universe		Indicator 5	Indicator 5	Indicator 5	Indicator 5	Indicator 5	Indicator 5
R4	Result	7	1	2	0	0	2	
	Commitment Universe		Indicator 13	Indicator 13	Indicator 13	Indicator 13	Indicator 13	Indicator 13
R5	Result	0	4	4	4	4	4	
	Commitment Universe		Indicator 40	Indicator 41	Indicator 41	Indicator 41	Indicator 41	Indicator 41
R6	Result	0	3	2	2	2	2	
	Commitment Universe		Indicator 68	Indicator 68	Indicator 68	Indicator 68	Indicator 68	Indicator 68
R7	Result	1	2	4	2	2	1	
	Commitment Universe		Indicator 9	Indicator 9	Indicator 9	Indicator 9	Indicator 9	Indicator 9
R8	Result	3	9	6	8	3	8	
	Commitment Universe		Indicator 27	Indicator 27	Indicator 27	Indicator 27	Indicator 27	Indicator 27
R9	Result	0	8	4	4	4	2	
	Commitment Universe		Indicator 146	Indicator 146	Indicator 146	Indicator 146	Indicator 146	Indicator 146
R10	Result	0	6	3	4	5	27	
	Commitment Universe		Indicator 271	Indicator 271	Indicator 271	Indicator 271	Indicator 271	Indicator 271

Measure Information

Measure Language: Number of states/tribes that have substantially built or increased capacity in wetland regulation, monitoring and assessment, water quality standards, and/or restoration and protection. (Annual)

Units: States/ Tribes

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: None provided.

Methodology: None provided.

[Click Here for the Complete Measure Definition](#)

WT-03: Percent CWA Section 404 permits with greater environmental protection

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	85.0%	78.0%	77.0%	85.0%	73.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R1	Result	N.R.	86.7%	87.1%	46.0%	75.0%	50.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R2	Result	N.R.	0.0%	50.0%	33.0%	100.0%	100.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R3	Result	N.R.	100.0%	47.4%	75.0%	71.0%	67.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R4	Result	N.R.	92.9%	20.0%	81.0%	91.0%	100.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R5	Result	N.R.	89.5%	100.0%	83.0%	100.0%	100.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R6	Result	N.R.	96.0%	96.7%	87.0%	90.0%	81.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R7	Result	N.R.	77.8%	87.5%	82.0%	88.0%	67.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R8	Result	N.R.	40.0%	50.0%	50.0%	0.0%	100.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R9	Result	N.R.	100.0%	71.4%	80.0%	89.0%	100.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
R10	Result	N.R.	33.3%	47.4%	55.0%	67.0%	0.0%	
	Commitment Universe		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator

Measure Information

Measure Language: 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.

Units: Permits

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: ORM 2.0 is a database used by the U.S. Army Corps of Engineer to track permitting activities under the CWA Section 404 regulatory program; DARTER is the EPA interface for accessing records and commenting on proposed permits in the ORM 2.0 database.

Methodology: Based on data from the Army Corps of Engineers ORM 2.0 Database.

[Click Here for the Complete Measure Definition](#)

WT-SP22 (4E): No net loss of wetlands under CWA Section 404

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	No Net Loss	No Net Loss	No Net Loss	No Net Loss	No Net Loss	
	Budget Target					No Net Loss	No Net Loss	
	Commitment		No Net Loss	No Net Loss	No Net Loss	No Net Loss	No Net Loss	No Net Loss
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Status

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Clean Water Action Section 404 Regulatory Program is a regulatory program for the disposal of dredged materials in waters and wetlands.

Methodology: Based on total acres of wetland impacts and total acres or credits of compensatory mitigation. For full methodology please see definition of the web page.

[Click Here for the Complete Measure Definition](#)

GL-05 (625): Number BUIs removed within AOCs (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	11	33	41	52	60	65	
	Budget Target					60	65	72
	Commitment		33	41	46	60	65	72
	Universe		261	261	261	261	261	261
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	52	33	41	52	60	65	
	Commitment		33	41	46	60	65	72
	Universe		261	261	261	261	261	261
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of Beneficial Use Impairments removed within Areas of Concern.

Units: BUIs

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Beneficial Use Impairment (BUI) is a change in the chemical, physical or biological integrity of the Waters of the Great Lakes; Great Lakes Areas of Concern (AOC) are severely degraded geographic areas within the Basin.

Methodology: Based on the number of BUIs.

[Click Here for the Complete Measure Definition](#)

GL-07 (629): Number response plans established, response exercises, and/or response actions (cumulative)

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	23	30	38	21	11	
	Budget Target				35	8	8	8
	Commitment		12	26	8	8	8	8
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	N.R.	23	30	38	21	11	
	Commitment		12	26	35	8	8	8
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of multi-agency rapid response plans established, mock exercises to practice responses carried out under those plans, and/or actual response actions.

Units: Plans

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Rapid responses means the response takes place in a timely manner before a species becomes widely established; Exercises are training drills in which agencies practice responses to a fictional scenario; Invasive species means non-native species.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-09 (628): Number acres managed for populations of invasive species (cumulative)

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	36,000	31,474	35,924	84,500	101,392	115,889	
	Budget Target					94,500	110,000	120,000
	Commitment		15,500	34,000	38,000	50,000	110,000	120,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	36,000	31,474	35,924	84,500	101,392	115,132	
	Commitment		15,500	34,000	38,000	50,000	110,000	120,000
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Acres managed for populations of invasive species controlled to a target level.

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Acres includes the total geographic area addressed by a management action; Controlled means the acreage has received an initial treatment to reduce the populations of invasive species; Aquatic/terrestrial means all habitat types within the Great Lakes basin.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-17 (638): Pounds projected phosphorus reductions from GLRI-funded projects (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	0				160,117	402,943	
	Budget Target					130,000	310,000	525,000
	Commitment					130,000	310,000	525,000
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	0				160,117	402,943	
	Commitment					130,000	310,000	525,000
	Universe					N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Projected phosphorus reductions from GLRI-funded projects in targeted watersheds (measured in pounds).

Units: Pounds

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Projected total phosphorus reductions from GLRI-funded projects in Great Lakes watersheds are predictions for reductions at the edge of fields; Total Phosphorus is the mass of both dissolved and particulate forms of phosphorus; or full list of terms, see the web page.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-18 (639): Projected gallons untreated urban runoff captured or treated by GLRI-funded projects (millions, cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	30				37	116	
	Budget Target					30	70	120
	Commitment					30	70	120
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	30				37	108	
	Commitment					30	70	120
	Universe					N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Projected volume of untreated urban runoff captured or treated by GLRI-funded projects (cumulative, measured in millions of gallons).

Units: Million gallons

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Untreated urban runoff refers to untreated nonpoint source surface runoff resulting from urbanization; Captured or treated refers to technologies used for reducing volume of urban nonpoint source pollution runoff; For full list of terms, see the web page.

Methodology: Based on data from the US Forest Service, EPA, and US Army Corps.

[Click Here for the Complete Measure Definition](#)

GL-19 (640): Number tributary miles reopened by GLRI-funded projects (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1,900				3,855	4,615	
	Budget Target					2,200	4,200	4,500
	Commitment					2,200	4,200	4,500
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	1,900				3,856	4,411	
	Commitment					2,200	4,200	4,500
	Universe					N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of miles of Great Lakes tributaries reopened by GLRI-funded projects.

Units: Miles

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Miles of Great Lakes tributaries refers to the number of miles of in-stream habitat; Reopened are tributaries that are available for target species to move into.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-20 (641): Number miles shoreline and riparian corridors protected, restored, and enhanced by GLRI-funded projects (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				313	662	
	Budget Target					75	350	400
	Commitment					75	350	400
	Universe					N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	N.R.				313	662	
	Commitment					75	350	400
	Universe					N.R.	N.R.	N.R.
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of miles of Great Lakes shoreline and riparian corridors protected, restored, and enhanced by GLRI-funded projects.

Units: Miles

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Riparian corridors are the in-stream and bank habitats of Great Lakes tributaries/rivers; Protected means that the stress to the ecosystems has been prevented; Restored means that the ecosystem has recovered from degradation; Enhanced means the value and effectiveness of habitats and species has increased.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-21 (642): Number acres of coastal wetlands protected, restored, and enhanced by GLRI-funded projects (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.				7,033	17,540	
	Budget Target					7,000	15,000	30,000
	Commitment					7,000	15,000	30,000
	Universe					260,000	260,000	260,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	N.R.				7,034	15,945	
	Commitment					7,000	15,000	30,000
	Universe					260,000	260,000	260,000
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of acres of Great Lakes coastal wetlands protected, restored, and enhanced by GLRI-funded projects.

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Great Lakes Coastal Wetlands are the historical or existing 375,000 acres of US wetlands with a current, previous, or potential hydrologic connection to a Great Lake.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-22 (643): Number acres of other habitats protected, restored, and enhanced by GLRI-funded projects (cumulative)

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	117,000				146,815	167,218	
	Budget Target					127,000	167,000	187,000
	Commitment					127,000	167,000	187,000
	Universe					1,290,000	1,290,000	1,290,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	117,000				146,816	167,572	
	Commitment					127,000	167,000	187,000
	Universe					1,290,000	1,290,000	1,290,000
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of acres of other habitats in the Great Lakes basin protected, restored, and enhanced by GLRI-funded projects.

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Great Lakes Coastal Wetlands are the historical or existing 375,000 acres of US wetlands with a current, previous, or potential hydrologic connection to a Great Lake; Other Habitats includes, but is not limited to open water, nearshore waters and connecting channels.

Methodology: Based on data from GLRI-funded projects.

[Click Here for the Complete Measure Definition](#)

GL-SP31 (626): Number AOCs with all management actions implemented (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	1	2	3	7	7	8	
	Budget Target				5	8	9	11
	Commitment		3	4	8	8	9	11
	Universe		31	31	31	31	31	31
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result	1	2	3	7	7	8	
	Commitment		3	4	5	8	9	11
	Universe		31	31	31	31	31	31
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of Areas of Concern in the Great Lakes where all management actions necessary for delisting have been implemented.

Units: AOCs

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Area of Concern (AOC) de-listing indicates that all corrective actions are complete and environmental improvement has been verified; Great Lakes AOCs are severely degraded geographic areas within the Basin; For full list of terms, see the web page.

Methodology: Based on state documentation and memos verifying the completion of all management actions.

[Click Here for the Complete Measure Definition](#)

- (234): Reduce per capita nitrogen loads to levels necessary to achieve TMDL allocations

Level	Data Type	Baseline 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	0		15	15	15	14		<p>Measure Language: Reduce per capita nitrogen loads (pounds per person per year) to levels necessary to achieve Chesapeake Bay Total Maximum Daily Load allocations.</p> <p>Units: Pounds/person/year</p> <p>Direction of Positive Change: Decreasing</p> <p>Type of Measure: Annual; Budget</p> <p>Terms and Phrases: NOT AVAILABLE ONLINE</p> <p>Methodology: NOT AVAILABLE ONLINE</p>
	Budget Target						14		
	Commitment			15	15	15	N.R.	N.R.	
	Universe			N.R.	N.R.	N.R.	N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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CB-05.N14: Percent attainment of water quality standards in the Bay and tidal tributaries

Level	Data Type	Baseline 2015	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	40.0%			28.9%	33.9%	37.2%	
	Commitment				Long-term	Long-term	Long-term	Indicator
	Universe				N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result	40.0%			28.9%	33.9%	37.2%	
	Commitment				31.0%	27.6%	33.9%	37.2%
	Universe				N.R.	N.R.	N.R.	N.R.
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Percent attainment of water quality standards for dissolved oxygen, water clarity/underwater grasses, and chlorophyll a in Chesapeake Bay and tidal tributaries.

Units: Goal achieved

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Dissolved oxygen (DO) is the amount of oxygen that is present in the water. Underwater grasses refers to the 16 species found in the Chesapeake Bay. Chlorophyll a is used as a measure of phytoplankton (microalgae) biomass.

Methodology: Based on achievement or non-achievement of the water quality standards applicable to a designated use within a segment.

[Click Here for the Complete Measure Definition](#)

CB-SP35 (cb6): Percent achievement of nitrogen TMDL allocation goal

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	0.0%	21.0%	25.0%	27.0%	21.0%	31.0%	
	Budget Target					37.5%	45.0%	52.5%
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result	0.0%	21.0%	25.0%	27.0%	21.0%	31.0%	
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Percent goal achieved (m lbs) based on simulated load reductions from FY 2010 (2009) scenario) to the TMDL allocation.

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: None provided.

Methodology: Based on simulated loads which are compared to Chesapeake Bay TMDL allocations. Targets set are based on the Chesapeake Bay TMDL.

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CB-SP36 (cb7): Percent achievement of phosphorus TMDL allocation goal

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result		19.0%	27.0%	43.0%	71.0%	81.0%	
	Budget Target					37.5%	45.0%	52.5%
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result	0.0%	19.0%	27.0%	43.0%	71.0%	81.0%	
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Percent goal achieved (m lbs) based on simulated load reductions from FY 2010 (2009) scenario) to the TMDL allocation.

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: None provided.

Methodology: Based on simulated loads which are compared to Chesapeake Bay TMDL allocations. Targets set are based on the Chesapeake Bay TMDL.

[Click Here for the Complete Measure Definition](#)

CB-SP37 (cb8): Percent achievement of sediment TMDL allocation goal

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result		30.0%	32.0%	37.0%	25.0%	48.0%	
	Budget Target					37.5%	45.0%	52.5%
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result	0.0%	30.0%	32.0%	37.0%	25.0%	48.0%	
	Commitment		15.0%	22.5%	30.0%	37.5%	45.0%	52.5%
	Universe		1	1	1	1	1	1
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Percent of goal achieved for implementing sediment pollution reduction actions to achieve final TMDL allocations, as measured through the phase 5.3 watershed model.

Units: Percent goal achieved (m lbs) based on simulated load reductions from FY 2010 (2009) scenario) to the TMDL allocation.

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: None provided.

Methodology: Based on simulated loads which are compared to Chesapeake Bay TMDL allocations. Targets set are based on the Chesapeake Bay TMDL.

[Click Here for the Complete Measure Definition](#)

GM-01 (xg3): Improve and/or restore water and habitat quality to meet water quality standards

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	N.R.					2		<p>Measure Language: 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.</p> <p>Units: Watersheds (12-digit HUC)</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual; Budget</p> <p>Terms and Phrases: Water quality, habitat quality, watersheds, Gulf States, and Mississippi River Basin.</p> <p>Methodology: Based on WQS for watersheds.</p>
	Budget Target						2	2	
	Commitment						2	2	
	Universe						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

[Click Here for the Complete Measure Definition](#)

GM-02: Promote and support environmental education and outreach

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.					18,662	
	Commitment						5,000	5,000
	Universe						N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Promote and support environmental education and outreach to the inhabitants of the Gulf of Mexico watershed.

Units: Persons

Direction of Positive Change: Increasing

Type of Measure: Annual

Terms and Phrases: Environmental education, environmental outreach, Gulf of Mexico, and watershed.

Methodology: Based on the number of individuals reached.

[Click Here for the Complete Measure Definition](#)

GM-03: Support programs, projects, and tools which strengthen community resilience

Level	Data Type	Baseline N.R.	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Measure Information
Nat'l	Result	N.R.					121		<p>Measure Language: Support the assessment, development and implementation of programs, projects and tools which strengthen community resilience.</p> <p>Units: Communities</p> <p>Direction of Positive Change: Increasing</p> <p>Type of Measure: Annual</p> <p>Terms and Phrases: Community, resilience, and resilient programs/projects/tools.</p> <p>Methodology: Based on number of communities.</p>
	Commitment						40	40	
	Universe						N.R.	N.R.	
R1	Result								
	Commitment								
	Universe								
R2	Result								
	Commitment								
	Universe								
R3	Result								
	Commitment								
	Universe								
R4	Result								
	Commitment								
	Universe								
R5	Result								
	Commitment								
	Universe								
R6	Result								
	Commitment								
	Universe								
R7	Result								
	Commitment								
	Universe								
R8	Result								
	Commitment								
	Universe								
R9	Result								
	Commitment								
	Universe								
R10	Result								
	Commitment								
	Universe								

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GM-SP39 (xg2): Number Gulf acres protected, enhanced, or restored (cumulative)

Level	Data Type	Baseline 2005	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	16,000	30,248	30,306	30,319	30,574	31,276	
	Budget Target					30,800	30,800	31,426
	Commitment		30,600	30,600	30,800	30,800	30,800	31,426
	Universe		3,769,370	3,769,370	3,769,370	3,769,370	3,769,370	3,769,370
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Protect, enhance, or restore coastal and upland habitats within the Gulf of Mexico watershed.

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Coastal habitat includes marshes, wetlands, tidal flats, oyster beds, seagrasses, mangroves, dunes and maritime forest ridge areas

Methodology: Based on coastal acreage restored.

[Click Here for the Complete Measure Definition](#)

LI-SP41 (li5): Percent goal achieved reducing point source nitrogen discharges

Level	Data Type	Baseline 1999	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	59,146	83.0%	88.0%	94.0%	99.8%	N.R.	
	Budget Target					91.5%	95.0%	100.0%
	Commitment		74.0%	76.0%	85.0%	91.5%	95.0%	100.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result	59,146	83.3%	88.0%	94.0%	99.8%	111.0%	
	Commitment		74.0%	76.0%	85.0%	91.5%	95.0%	100.0%
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Percent goal achieved

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Long Island Sound Nitrogen TMDL is the TMDL submitted to the EPA in 2000 by to attain dissolved oxygen standards in Long Island Sound.

Methodology: Based on TMDLs.

[Click Here for the Complete Measure Definition](#)

LI-SP42.N11: Reduce Long Island Sound hypoxic zone (sq. miles)

Level	Data Type	Baseline 2008	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	187; 58.6	289	80	87	38	138	
	Commitment		Deferred	Deferred	Indicator	Indicator	Indicator	Indicator
	Universe		1,400; 122	1,400; 122	1,400; 122	1,400; 122	1,400; 122	1,400; 122
R1	Result							
	Commitment							
	Universe							
R2	Result	187; 58.6	289	80	87	38	138	
	Commitment		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator
	Universe		1,400; 122	1,400; 122	1,400; 122	1,400; 122	1,400; 122	1,400; 122
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Reduce the size (square miles) of observed hypoxia (Dissolved Oxygen <3mg/l) in Long Island Sound.

Units: Square miles; days

Direction of Positive Change: Decreasing

Type of Measure: Annual

Terms and Phrases: Dissolved oxygen (DO) refers to the amount of oxygen that is present in the water; Hypoxia is less than three milligrams of dissolved oxygen per liter of water.

Methodology: Based on DO measurements.

[Click Here for the Complete Measure Definition](#)

LI-SP43 (li8): Number acres coastal habitat restored, protected, or enhanced

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	2,975	537	336	410	1,678	532	
	Budget Target					135	96	398
	Commitment		218	420	410	135	43	398
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result	2,975	537	336	410	1,678	532	
	Commitment		218	420	410	135	96	398
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Restore, protect or enhance acres of coastal habitat from the 2010 baseline of 2,975 acres.

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Restoration is the intentional alteration of a site to attempt to reestablish the pre-disturbance biogeophysical conditions; Protection is the removal of a threat to, or preventing the decline of conditions.

Methodology: Based on acres of habitat.

[Click Here for the Complete Measure Definition](#)

LI-SP44 (li9): Number miles river and streams for fish passage reopened

Level	Data Type	Baseline 2010	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	177	72	56	22	0	50	
	Budget Target					30	77	30
	Commitment		28	75	2	30	77	30
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result	177	72	56	22	0	50	
	Commitment		28	75	2	30	77	30
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: 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.

Units: Miles

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: Diadromous fish travel between salt and fresh water to spawn.

Methodology: Based on data from the NEPORT reporting system.

[Click Here for the Complete Measure Definition](#)

PS-SP49.N11 (ps1): Number acres of Puget Sound shellfish areas improved (cumulative)

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	322	2,489	3,203	3,249	3,277	3,887	
	Budget Target					4,700	4,750	6,350
	Commitment		3,878	7,758	4,000	4,700	4,750	6,350
	Universe		30,000	30,000	30,000	30,000	30,000	30,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result	322	2,489	3,203	3,249	3,277	3,887	
	Commitment		3,878	7,758	4,000	4,700	4,750	6,350
	Universe		30,000	30,000	30,000	30,000	30,000	30,000

Measure Information

Measure Language: 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)

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Harvest restrictions are defined through a Growing Area Classification Program.

Methodology: Based on data from the Washington Department of Health.

[Click Here for the Complete Measure Definition](#)

PS-SP51 (ps3): Number acres of Puget Sound estuarine wetlands restored (cumulative)

Level	Data Type	Baseline 2007	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	4,152	23,818	30,128	41,006	43,002	45,360	
	Budget Target					43,006	45,500	48,000
	Commitment		19,063	31,818	33,818	43,006	45,500	48,000
	Universe		45,000	45,000	45,000	45,000	45,000	75,000
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result							
	Commitment							
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result	4,152	23,818	30,128	41,006	43,002	45,360	
	Commitment		19,063	31,818	33,818	43,006	45,500	48,000
	Universe		75,000	75,000	75,000	75,000	75,000	75,000

Measure Information

Measure Language: 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)

Units: Acres

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: Protect refers to preserving areas through acquisition, conservation easements, deed restrictions, etc.; Restore refers to the return of habitat to a close approximation of its prior condition.

Methodology: Based on data from the Puget Sound Partnership.

[Click Here for the Complete Measure Definition](#)

MB-SP23 (4pg): Number million pounds BOD loadings removed Mexico Border (cumulative)

Level	Data Type	Baseline 2003	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	119	128	131	143	152	
	Budget Target					141	150	151
	Commitment		115	122	137	141	150	151
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result	N.R.	97	102	103	115	124	
	Commitment		93	100	110	113	122	124
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	N.R.	22	27	28	28	28	
	Commitment		22	27	28	28	28	28
	Universe		N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Loading of biochemical oxygen demand (BOD) removed (million pounds/year) from the U.S.-Mexico Border area since 2003.

Units: Million pounds

Direction of Positive Change: Increasing

Type of Measure: Cumulative; Budget

Terms and Phrases: U.S.-Mexico Border area is the area within 100km of the U.S.-Mexico border, in the United States or Mexico.

Methodology: Based on estimates of flows from new sanitary sewer connections or wastewater treatment plant upgrades.

[Click Here for the Complete Measure Definition](#)

MB-SP24.N11 (xb2): Number additional Mexico Border homes access to safe drinking water

Level	Data Type	Baseline 2003	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	N.R.	5,185	3,400	1,468	878	3,700	
	Budget Target					600	500	20
	Commitment		1,000	3,000	1,700	600	500	20
	Universe		98,515	98,515	98,515	98,515	98,515	98,515
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result	N.R.	5,185	3,400	1,468	878	3,700	
	Commitment		1,000	3,000	1,700	600	500	500
	Universe		98,515	98,515	98,515	98,515	98,515	98,515
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result							
	Commitment							
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of additional homes provided safe drinking water in the U.S.-Mexico border area that lacked access to safe drinking water in 2003.

Units: Homes

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: U.S.-Mexico Border area is the area within 100km of the U.S.-Mexico border, in the United States or Mexico.

Methodology: Based on project completions that increase the number of households that are provided access to safe drinking water.

[Click Here for the Complete Measure Definition](#)

MB-SP25.N11 (xb3): Number additional Mexico Border homes access to adequate sanitation

Level	Data Type	Baseline 2003	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Nat'l	Result	690,723	31,092	25,695	12,756	44,070	45,000	
	Budget Target					40,750	53,000	6,100
	Commitment		10,500	27,000	39,500	40,750	40,720	6,100
	Universe		690,723	690,723	690,723	690,723	690,723	690,723
R1	Result							
	Commitment							
	Universe							
R2	Result							
	Commitment							
	Universe							
R3	Result							
	Commitment							
	Universe							
R4	Result							
	Commitment							
	Universe							
R5	Result							
	Commitment							
	Universe							
R6	Result	N.R.	30,355	8,522	7,445	44,011	45,000	
	Commitment		9,000	7,000	35,000	40,000	40,000	450
	Universe							
R7	Result							
	Commitment							
	Universe							
R8	Result							
	Commitment							
	Universe							
R9	Result	N.R.	737	17,173	5,311	36	0	
	Commitment		1,500	17,000	4,500	750	720	N.R.
	Universe							
R10	Result							
	Commitment							
	Universe							

Measure Information

Measure Language: Number of additional homes provided adequate wastewater sanitation in the U.S.-Mexico border area that lacked access to wastewater sanitation in 2003.

Units: Homes

Direction of Positive Change: Increasing

Type of Measure: Annual; Budget

Terms and Phrases: U.S.-Mexico Border area is the area within 100km of the U.S.-Mexico border, in the United States or Mexico.

Methodology: Based on project completions that increase the number of households that are provided access to wastewater sanitation service.

[Click Here for the Complete Measure Definition](#)