

**Appendix: B**  
**Measures with National/Regional**  
**Data and Targets**  
**FY 2008 National Water Program Guidance**



Office of Water  
U.S. Environmental Protection Agency

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# Water Safe to Drink



## Measure #: Subobjective 2.1.1

National Office Lead: OGWDW

**Measure Description:** 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.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	92.5%	55.3%	93.2%	93.0%	94.1%	87.8%	91.2%	94.7%	94.6%	94.8%	89%
2006 Commitment	83%	80%	93%	93%	95%	90%	93%	93%	93%	92%	90.9%**
2006 End-of-Year	92%	61%	93%	93%	92%	88%	91%	96%	98%	95%	89.4%*
2007 Commitment	87%	75%	94%	91%	92%	86%	92.4%	94%	95%	90%	90%
2007 End-of-Year											
2008 Target	88%	75%	92%	89%	91%	87%	92%	90%	95%	90%	90%***
Universe (in millions)	14.5	32.0	24.7	54.3	42.2	36.1	11.7	9.9	46.1	10.3	281.8

**2011 Target: 91%**

### National Program Manager Comments:

Target measure; PART measure; FY 08 State Grant Template measure.

\* FY 05 and FY 06 end-of-year data reflect data from SDWIS.

\*\* FY 06 national commitment total adjusted from 90.5% to 90.9% to reflect weighted regional commitments.

\*\*\* Note: Sum of Regional targets = 89%; national target of 90% is a high priority.

# Water Safe to Drink



**Measure #: Strategic Target SP-1**

**National Office Lead: OGWDW**

**Measure Description:** Percent of community water systems that provide drinking water that meets all applicable health-based drinking water standards.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	85.7%	86.4%	91.8%	91.0%	92.0%	86.2%	86.8%	90.3%	91.6%	87.3%	89.0%
2006 Commitment											n/a
2006 End-of-Year	84%	88%	91%	91%	91%	88%	88%	90%	91%	87%	89%
2007 Commitment											n/a
2007 End-of-Year											n/a
2008 Target	82%	86%	91%	87%	85%	87%	90%	89.5%	90%	89%	90%*
Universe	2,734	3,905	4,592	9,175	7,482	8,097	4,123	3,151	4,672	4,418	52,349

**2011 Target: 90%**

**National Program Manager Comments:**

Target measure; PART measure; FY 08 State Grant Template measure.

FY 06 EOY data not from ACS as this was not a measure in FY 06.

\* Note: Sum of Regional targets = 88%; national target of 90% is a high priority.

# Water Safe to Drink



## Measure #: Strategic Target SP-2

National Office Lead: OGWDW

**Measure Description:** 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.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 End-of-Year	97%	80%	96%	98%	96%	96%	97%	99%	98%	99%	95.2%
2006 Commitment											n/a
2006 End-of-Year	97.4%	90.8%	97.4%	97.9%	96.4%	96.1%	97%	98.9%	99.1%	98.5%	96.8%
2007 Commitment											Indicator
2007 End-of-Year											Indicator
2008 Target	92%	88%	96%	91%	95%	95%	95%	95%	98%	95%	95%*
Universe (in millions)	174.5	383.5	296.7	652.1	505.8	432.7	140.2	118.6	553.1	123.2	3380.4

**2011 Target: 96%**

### National Program Manager Comments:

Target measure; PART measure; Senior Management measure.

This measure was an Indicator measure in FY 07.

\* Note: Sum of Regional targets = 94%; national target of 95% is a high priority.

# Water Safe to Drink



## Measure #: Strategic Target SP-3

National Office Lead: OGWDW

**Measure Description:** 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.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	100%	100%	n/a	100%	99.5%	90.4%	86.5%	82.6%	80.9%	88.1%	86%*
2006 Commitment											90%**
2006 End-of-Year	100%	100%	n/a	83%	100%	92%	85%	81%	82%	95%	86.6%*
2007 Commitment	93%	90%	n/a	93%	95%	85%	90%	90%	85%	81%	87%
2007 End-of-Year											
2008 Target	90%	90%	n/a	83%	95%	86%	85%	86%	85%	86%	87%
Universe	41,000	8,580	n/a	19,436	87,687	60,413	4,519	94,373	393,506	45,918	755,432

**2011 Target: 86%**

### National Program Manager Comments:

Target measure; Senior Management measure.

\* FY 05 and FY 06 end-of-year data reflect data from SDWIS.

\*\* In FY 06 only a national commitment was established.

# Water Safe to Drink



## Measure #: Strategic Target SP-4

National Office Lead: OGWDW

**Measure Description:** Percent of community water systems and percent of the population served by community water systems where risk to public health is minimized by source water protection.

### (SP-4a) Community water systems:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline	51%	30%	12%	21%	19%	19%	13%	20%	1%	28%	20%	10,281
2006 Commitment	33%	15%	7%	10%	15%	10%	10%	15%	5%	20%	12.7%*	6,734
2006 Adjusted Commitment	51%	30%	12%	21%	19%	19%	13%	20%	5%	28%	20%**	10,567
2006 End-of-Year	52%	56%	14%	22%	32%	13%	14%	32%	1%	28%	24%	12,616
2007 Commitment	52%	56%	18%	25%	23%	18%	15%	30%	10%	28%	25%	13,087
2007 End-of-Year												
2008 Target	53%	58%	21%	30%	32%	14%	20%	37%	10%	28%	28%	
Universe (FY 06)	2,734	3,905	4,592	9,175	7,482	8,097	4,123	3,151	4,672	4,418	—	52,349

### (SP-4b) Population:

**2011 Target: 50%**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline											n/a	n/a
2006 Commitment											n/a	n/a
2006 End-of-Year	77%	58%	53%	24%	47%	26%	12%	21%	0%	67%	34%	
2007 Commitment											n/a	n/a
2007 End-of-Year											n/a	n/a
2008 Target	77%	81%	56%	28%	47%	36%	20%	25%	10%	65%	41%	
Universe (in millions)	14.5	32.0	24.7	54.3	42.2	36.1	11.7	9.9	46.1	10.3	100%	281.8

### National Program Manager Comments:

**2011 Target: 62%**

Target measure; FY 08 State Grant Template measure. SP-4a is a PART measure. Note: “Minimized risk” is achieved by the substantial implementation, as determined by the state, of actions in a source water protection strategy. The universe is the most recent SDWIS inventory of community water systems. \* FY 06 national commitment total adjusted to reflect weighted regional commitments. \*\* 2006 Adjusted is adjustment of the FY 06 commitment to reflect FY 05 results.

# Water Safe to Drink



**Measure #: Strategic Target SP-5**

**National Office Lead: OGWDW**

**Measure Description:** Number of homes on tribal lands lacking access to safe drinking water.

	National Commitment (#)	%
2003 Baseline	38,637	12.1%
2005 End-of-Year	38,692	12.1%
2006 Commitment	33,800	10.6%
2006 End-of-Year	38,737	12.1%
2007 Commitment	32,197	10.0%
2007 End-of-Year		
2008 Target	30,587	9.5%
Universe	319,070	100%

**2015 Target:** Reduce by half from 2003 baseline  
(from 38,637 to 19,319)

**National Program Manager Comments:**

Target measure; HQ reported measure; PART measure.  
This measure involves coordination with other federal agencies.



# Water Safe to Drink



## Measure #: SDW-1

National Office Lead: OGWDW

**Measure Description:** Percent of community water systems (CWSs) and number of tribal community water systems that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim Enhanced and Long-Term 1 Surface Water Treatment Rules.

### (SDW-1a) CWSs in States:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											
2006 Commitment											n/a*
2006 End-of-Year											n/a*
2007 Commitment	90%	95%	98%	95%	80%	95%	100%	95%	100%	95%	94%
2007 End-of-Year											
2008 Target	90%	95%	95%	95%	84%	95%	95%	95%	100%	95%	94%
Universe (FY 06)	529	1,412	1,298	2,046	1,403	2,123	787	776	970	641	11,985

### (SDW-1b) CWSs in Tribes:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	n/a	1	n/a	1	2	1	1	0	9	7	22
2006 Commitment	1	1	n/a	1	2	1	3	10	18	7	44
2006 End-of-Year	1	1	n/a	1	2	1	4	11	13	3	37
2007 Commitment	1	1	n/a	1	2	1	3	0	18	3	30
2007 End-of-Year											
2008 Target	1	1	n/a	1	2	1	1	10	18	4	39
Universe	1	1	n/a	1	2	1	1	17	18	7	49

### National Program Manager Comments:

Target measure; SDW-1a is a PART measure and a FY 08 State Grant Template measure.

\* In FY 06, this measure tracked states, rather than CWSs, in compliance with this regulation.

# Water Safe to Drink



**Measure #: SDW-2**

**National Office Lead: OGWDW**

**Measure Description:** Percent of the data for violations of health-based standards at public water systems that is accurate and complete in SDWIS-FED for all maximum contaminant level and treatment technique rules (excluding the Lead and Copper Rule). [based on three-year rolling data from data verification audits]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2006 Commitment											n/a
2006 End-of-Year											TBD
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											

**National Program Manager Comments:**

Indicator measure; PART measure.

# Water Safe to Drink



**Measure #: SDW-3**

**National Office Lead: OGWDW**

**Measure Description:** Percent of the Lead and Copper Rule action level data for community water systems serving over 3,300 people that is complete in SDWIS-FED.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2006 Commitment											n/a
2006 End-of-Year											TBD
2007 Commitment											n/a
2007 End-of-Year											
2008 Target											Indicator
Universe											

**National Program Manager Comments:**

Indicator measure

# Water Safe to Drink



**Measure #: SDW-4**

**National Office Lead: OGWDW**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	78.5%	93%	83.3%	88%	87%	64.5%	91.0%	84.0%	80%	94.3%	84.7%
2006 Commitment	78%	88%	83%	80%	78%	79%	90%	84%	74%	88%	81.3%*
2006 End-of-Year	89%	89%	88%	92%	81%	72%	92%	87%	85%	92%	89.6%
2007 Commitment	78%	90%	84%	85%	80%	73%	90%	87%	84%	92%	85%
2007 End-of-Year											
2008 Target	79%	91%	85%	86%	82%	76%	92%	86%	80%	95%	86%
Universe											n/a

**National Program Manager Comments:**

Target measure; PART measure.

\* FY 06 national commitment total adjusted to reflect weighted regional commitments.

# Water Safe to Drink



**Measure #: SDW-5**

**National Office Lead: OGWDW**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total	Annual increment
2005 Baseline	320	311	261	369	557	59	229	242	123	140	2,611	
2006 Commitment											Indicator	
2006 End-of-Year	374	311	297	441	630	79	277	331	137	186	3,063	452
2007 Commitment	400	366	347	475	618	114	280	321	155	186	3,262	199
2007 End-of-Year												
2008 Target	440	386	387	501	800	128	290	340	177	225	3,674	412
Universe											n/a	

**National Program Manager Comments:**

Target measure; PART supporting measure.

The 2006 PART annual target is 425; the 2007 PART annual target is 430.

# Water Safe to Drink



**Measure #: SDW-6**

**National Office Lead: OGWDW**

**Measure Description:** Percent of identified Class V Motor Vehicle Waste Disposal wells that are closed or permitted.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	100%	102%	96%	61%	25%	72%	101%	72%	23%	30.0%	9,089	94%
2006 Commitment	100%	100%	85%	50%	35%	90%	90%	83%	75%	75%	n/a	78%
2006 End-of-Year	100%	88%	97%	77%	44%	100%	100%	91%	66%	36%	6,842	79%
2007 Commitment	80%	100%	80%	68%	46%	90%	90%	85%	75%	20%	n/a	73%
2007 End-of-Year												
2008 Target	80%	80%	80%	77%	70%	80%	90%	88%	80%	20%		73%
Universe (FY 06)*	814	833	2,167	93	1,725	4	7	1,599	700	719	8,661	100%

**National Program Manager Comments:**

Target measure; PART measure; FY 08 State Grant Template measure.

\* The universe reflects FY 06 end-of-year and is subject to change in FY 07.

# Water Safe to Drink



**Measure #: SDW-7**

**National Office Lead: OGWDW**

**Measure Description:** Percent of deep injection wells that are used to inject industrial, municipal, or hazardous waste (Class I) that maintain mechanical integrity and thereby reduce the potential to endanger underground sources of drinking water.

**(SDW-7a) Class I:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline											n/a	n/a
2006 Commitment											Indicator	Indicator
2006 End-of-Year	n/a	n/a	n/a	100%	85%	100%	98%	100%	96%	100%	539	98%
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target	n/a	n/a	n/a	98%	80%	70%	95%	95%	95%	90%		86%
Universe*	n/a	n/a	n/a	170	58	178	50	60	18	16	550	100%

**National Program Manager Comments:**

Target measure; PART measure; FY 08 State Grant Template measure.

\* Universe subject to change.

# Water Safe to Drink



**Measure #: SDW-7, continued**

**National Office Lead: OGWDW**

**Measure Description:** Percent of deep injection wells, that are used to enhance oil recovery or that are used for the disposal or storage of other oil production related activities (Class II), that maintain mechanical integrity and thereby reduce the potential to endanger underground sources of drinking water.

**(SDW-7b) Class II:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline											n/a	n/a
2006 Commitment											Indicator	Indicator
2006 End-of-Year	n/a	100%	100%	99%	99%	96%	99%	98%	99%	99%	143,267	98%
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target	n/a	98%	90%	98%	60%	65%	95%	95%	95%	99%		77%
Universe*	n/a	543	2,922	4,651	13,393	72,446	17,421	6,817	27,045	1,223	146,461	100%

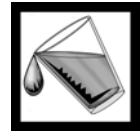
**National Program Manager Comments:**

Target measure; PART measure; FY 08 State Grant Template measure.

\* Universe subject to change.



# Water Safe to Drink



**Measure #: SDW-7, continued**

**National Office Lead: OGWDW**

**Measure Description:** Percent of deep injection wells that are used for salt solution mining (Class III) that maintain mechanical integrity and thereby reduce the potential to endanger underground sources of drinking water.

**(SDW-7c) Class III:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 End-of-Year											n/a	n/a
2006 Commitment											Indicator	Indicator
2006 End-of-Year	n/a	100%	100%	100%	98%	100%	100%	97%	100%	n/a	5,375	100%
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target	n/a	98%	95%	100%	85%	65%	95%	95%	95%	n/a		85%
Universe*	n/a	125	56	4	96	279	139	75	257	n/a	1,031	100%

**National Program Manager Comments:**

Target measure; PART measure; FY 08 State Grant Template measure.

\* Universe subject to change.

# Water Safe to Drink



**Measure #: SDW-8**

**National Office Lead: OGWDW**

**Measure Description:** Number, and percent, of high priority Class V wells identified in ground water based community water system source water areas that are closed or permitted.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 End-of-Year											n/a	n/a*
2006 Commitment											Indicator	Indicator
2006 End-of-Year	data n/a	62%	103%	99%	38%	data n/a	100%	89%	100%	21%	3,635	94%
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target	84%	96%	90%	96%	50%	84%	95%	85%	96%	20%		85%
Universe	34	234	2,838	107	88		373	9		218	3,867	100%

## National Program Manager Comments:

Target measure; PART supporting measure.

This measure does not report all of the high priority wells that are being closed or permitted, because some states do not distinguish between high priority wells in ground water based community water system source water areas and other areas.

# Water Safe to Drink



**Measure #: SDW-9**

**National Office Lead: OGWDW/OWOW**

**Measure Description:** Percent of community water system intakes for which the source water was assessed for the drinking water use during the most recent reporting cycle.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											TBD

## National Program Manager Comments:

Indicator measure

HQ reports results by Region/nationally, based on data collected to support Clean Water Act (CWA) measures when such data becomes available. The number of states reporting drinking water use assessments to the Assessment Database (ADB) under the Integrated Reporting Guidance will increase over time.

# Water Safe to Drink



## Measure #: SDW-10

**National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of waterbody impairments identified by States in 2002, in which there is a community water system intake and the impairment cause is for either a drinking water use or a pollutant that is regulated as a drinking water contaminant, for which: (a) there is a TMDL, and (b) the waterbody impairments have been restored.

### (SDW-10a) TMDL:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											TBD

### (SDW-10b) Waterbody Impairments have been restored:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											TBD

### National Program Manager Comments:

Indicator measure. Baselines and targets to be determined in consultation with OWOW after geo-referencing baseline has been established for Clean Water Act (CWA) reporting and with consideration of targets established for CWA reporting. HQ reports results by Region/nationally based on data collected to support Subobjective 2.2.1.

# Fish and Shellfish Safe to Eat



## Measure #: Strategic Target SP-6

National Office Lead: OST

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

## Measure #: Strategic Target SP-7

National Office Lead: OST

**Measure Description:** Percent of state-monitored shellfish growing acres impacted by anthropogenic sources that are approved or conditionally approved for use.

### SP-6

	National Commitment
2005 Baseline	5.7%
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	5.5%
Universe	n/a

**2011 Target:** 4.6%

### SP-7

	National Commitment
2005 Baseline	65% to 85%
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	91%
2007 End-of-Year	
2008 Target	65% to 85%
Universe	16.3 million acres

**2011 Target:** Maintain or improve

### National Program Manager Comments:

Target measures; HQ reported measures (applies to measures SP-6 and SP-7).

# Fish and Shellfish Safe to Eat



## Measure #: Strategic Target FS-1

National Office Lead: OST

**Measure Description:** Percent of river miles and lake acres where fish tissue will be assessed to support waterbody-specific or regional consumption advisories or a determination that no consumption advice is necessary. (Great Lakes measured separately; AK not included)

### (FS-1a) River miles:

	National Commitment
2005 Baseline	24% (840,000)
2006 Commitment	25% (875,000)
2006 End-of-Year	27% (945,000)*
2007 Commitment	26% (910,000)
2007 End-of-Year	
2008 Target	Indicator
Universe	100% (3.5 million)

### (FS-1b) Lake acres:

	National Commitment
2005 Baseline	35% (14 million)
2006 Commitment	36% (14.4 million)
2006 End-of-Year	38% (15.2 million)*
2007 Commitment	38% (15.2 million)*
2007 End-of-Year	
2008 Target	Indicator
Universe	100% (40 million)

### National Program Manager Comments:

Indicator measure; HQ reported measure

\*\* FY 06 end-of-year result is an estimate because actual data is only reported every other year.

# Water Safe for Swimming



**Measure #: Subobjective SP-8**

**National Office Lead: OWOW/OST**

**Measure Description:** Number of waterborne disease outbreaks attributable to swimming in or other recreational contact with coastal and Great Lakes waters, measured as a 5-yr average.

	National Commitment
2005 Baseline	2
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	2
Universe	n/a

**2011 Target: 2 per year**

**National Program Manager Comments:**

Target measure; HQ reported measure.

# Water Safe for Swimming



**Measure #: Strategic Target SP-9**

**National Office Lead: OST**

**Measure Description:** 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.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline	98.0%	97.2%	98.5%	96.3%	95.5%	93.0%	n/a	n/a	95.3%	92.8%	96% *	584,150
2006 Commitment											94% *	n/a
2006 End-of-Year	98.9%	98.6%	98.8%	96.0%	94.7%	86.3%	n/a	n/a	97.4%	96.2%	97%	595,592
2007 Commitment	98%	96%	98%	92%	85%	90%	n/a	n/a	86.6%**	96%	92.7%	n/a
2007 End-of-Year												
2008 Target	98%	96%	95%	96%	85%	90%	n/a	n/a	86.6%	96%	92.8%	
Universe (2005)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	612,964

**2011 Target: 96%**

**National Program Manager Comments:**

Target measure; FY 08 State Grant Template measure. Universe changes annually.

\* In FY 05 and FY 06, only a national commitment/end-of-year number were reported in ACS.

\*\* Per ACS, Region 9's FY 07 commitment reflects the inclusion of Guam, American Samoa, and the Northern Marianas for the first time. These territories have a higher percentage of beach season day closures resulting in a lower commitment at the regional and national levels.

Universe equals the total number of beach season days that beaches were open.



# Water Safe for Swimming



**Measure #: SS-1**

**National Office Lead: OWM**

**Measure Description:** 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. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	30	41	89	11	181	n/a	1	1	3	14	371	44.5%
2006 Commitment	89% (73)	38% (40)	50% (111)	68% (19)	55% (195)	n/a	29% (7)	100% (1)	100% (3)	93% (14)	463*	55.5%
2006 End-of-Year	90% (74)	42% (44)	47% (104)	43% (12)	53% (187)	n/a	25% (6)	100% (1)	100% (3)	93% (14)	445*	53%
2007 Commitment	75	50	140	9	230	n/a	11	n/a	3	14	532	64%
2007 End-of-Year												
2008 Target	93%	60%	76%	37%	75%	n/a	67%	n/a	100%	100%	614	74%
Universe (2007)	82	106	222	24	362	n/a	24	n/a	3	15	838	100%

## National Program Manager Comments:

Target measure; FY 08 State Grant Template measure.

\* FY 06 commitments and results are shown in ACS as percents.

Note: Region 4's universe has changed from 28 in FY 06 since Atlanta combined several permits into one. In addition, some numbers previously reported for KY have been determined not to meet the requirements of the measure. Beginning in FY08, OECA and OWM agreed on common language and data collection procedures to streamline this measure. While language is different for OWM, the past data is still valid for comparison with future data.

# Water Safe for Swimming



**Measure #: SS-2**

**National Office Lead: OST**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline	100%	100%	100%	100%	100%	92%	n/a	n/a	100%	80%	96.5%	2,582
2006 Commitment	100%	100%	100%	100%	100%	100%	n/a	n/a	100%	100%	100%	2,676
2006 End-of-Year	100%	100%	100%	100%	100%	95%	n/a	n/a	100%	100%	99.4%	2,660
2007 Commitment	100%	100%	100%	95.4%	100%	95%	n/a	n/a	100%	100%	98.8%	2,644
2007 End-of-Year												
2008 Target	100%	100%	100%	95.0%	100%	95%	n/a	n/a	100%	100%	98.8%	2,644
Universe (2007)	905	365	89	481	306	79	n/a	n/a	376	75	100%	2,676

## National Program Manager Comments:

Target measure; FY 08 State Grant Template measure.

States may change their designation of beaches at any time. Therefore, these numbers may change from year to year. No BEACH Act implementation in 2002.

\* Universe for FY 07 beach days may be adjusted.

# Improve Water Quality on a Watershed Basis



## Measure #: Strategic Target SP-10

National Office Lead: OWOW

**Measure Description:** Number of waterbodies identified in 2002 as not attaining water quality standards where standards are now fully attained. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002-2006 Waters Restored	47	6	224	72	241	73	196	51	8	6	924
2007 Commitment (cumulative)	86	6	256	136	241	111	210	69	43	8	1,166
2007 Commitment (annual)	39	0	32	64	0	38	14	18	35	2	242
2007 End-of-Year											
2008 Target (cumulative)	78	25	275	150	309	120	219	96	46	50	1,368
2008 Target (annual)	0	19	19	14	68	9	9	27	3	42	210
Universe (2002)	6,710	1,805	8,998	5,274	4,550	1,407	2,036	1,274	1,041	6,408	39,503

**2012 Target:** 2,250 (5.6% of 39,798)

### National Program Manager Comments:

Target measure; PART measure; FY 08 State Grant Template measure; Senior Management measure.

FY 07 commitments do not reflect ACS due to an updated 2002 baseline. Note: 2000-2002 results equal 1,876 waters.

# Improve Water Quality on a Watershed Basis



**Measure #: Strategic Target SP-11**

**National Office Lead: OWOW**

**Measure Description:** Remove the specific causes of waterbody impairment identified by states in 2002. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											0
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											n/a
2007 End-of-Year											n/a
2008 Target	120	100	1,000	160	1,700	295	11	273	134	84	3,877
Universe	8,826	2,567	13,958	9,374	10,155	3,005	4,391	3,502	2,742	11,157	69,677

**2012 Target: 5,600**

**National Program Manager Comments:**

Target measure

# Improve Water Quality on a Watershed Basis



**Measure #: Strategic Target SP-12**

**National Office Lead: OWOW**

**Measure Description:** Improve water quality conditions in impaired watersheds nationwide using the watershed approach. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											0
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											n/a
2007 End-of-Year											n/a
2008 Target	0	2	3	8	5	10	0	2	0	2	32
Universe	246	300	300	2,000	378	213	169	684	27	450	4,767

**2012 Target: 250**

**National Program Manager Comments:**

Target measure

# Improve Water Quality on a Watershed Basis



**Measure #: Strategic Target SP-13**

**National Office Lead: OWOW**

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

	National Commitment
2006 Baseline	28% good; 25% fair; 42% poor
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	n/a
Universe	n/a

**2012 Target:** Maintain or improve

**National Program Manager Comments:**

Target measure

The Wadeable Streams Survey will be updated in 2011.

# Improve Water Quality on a Watershed Basis



## Measure #: Strategic Target SP-14

**National Office Lead:** OWOW

**Measure Description:** Improve water quality in Indian country at 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). (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2006 Baseline											n/a
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											n/a
2007 End-of-Year											n/a
2008 Target											n/a*
Universe	160 (14)	14 (n/a)	n/a	37 (2)	729 (44)	68 (1)	82 (4)	100 (10)	203 (43)	268 (67)	1,661 (185)**

**2012 Target:** 50 stations

### National Program Manager Comments:

Target measure

\* Note: Targets/commitments for this measure deferred for FY 2008.

\*\* Numbers in parentheses are the number of stations with suspected depressed water quality and restoration activities underway.

Note: EPA estimates that improvement is most attainable at 185 stations.

# Improve Water Quality on a Watershed Basis



**Measure #: Strategic Target SP-15**

**National Office Lead: OWM**

**Measure Description:** By 2015, in coordination with other federal agencies, reduce by 50 percent the number of homes on tribal lands lacking access to basic sanitation. (cumulative)

	National Commitment (#)	%
2003 Baseline	26,777	8.4%
2005 End-of-Year		
2006 Commitment		
2006 End-of-Year		
2007 Commitment		
2007 End-of-Year		
2008 Target	21,219	6.65%
Universe	319,070	100%

**2015 Target:** 50% (13,389) reduction from 2003 baseline

**National Program Manager Comments:**

Target measure; PART measure.



# Improve Water Quality on a Watershed Basis



## Measure #: WQ-1

**National Office Lead: OST**

**Measure Description:** Number of States and Territories that have adopted EPA approved nutrient criteria into their water quality standards, or are on schedule with a mutually agreed-upon plan to adopt nutrient criteria into their water quality standards.

### (WQ-1a) States/Territories that have adopted EPA approved nutrient criteria (cumulative):

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 End-of-year	0	0	2	1	0	1	0	0	1	0	5
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment	0	0	1	1	1	1	0	0	4	0	8
2007 End-of-Year											
2008 Target	0	0	1	2	1	1	1	0	7	0	13
Universe	6	4	6	8	6	5	4	6	7	4	56

### (WQ-1b) States/territories on schedule to adopt nutrient criteria (annual):

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	3	1	5	7	4	0	0	0	4	0	24
2006 Commitment	3	2	5	6	6	4	2	4	7	3	42
2006 End-of-Year	3	2	6	8	6	4	3	3	7	3	45
2007 Commitment	3	1	5	8	6	5	3	4	4	3	42
2007 End-of-Year											
2008 Target	3	1	5	5	6	5	3	4	1	1	34
Universe	6	4	6	8	6	5	4	6	3	4	52

### National Program Manager Comments:

Target measure; FY 08 State Grant Template measure. If a state or territory has adopted nutrient water quality standards for some, but not all of its applicable waters, it may be counted in both WQ-1a and WQ-1b. (WQ-1b is similar to, but not strictly comparable to the FY 06 version of WQ-2.)

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-2**

**National Office Lead: OST**

**Measure Description:** Number of Tribes that have water quality standards approved by EPA. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	0	0	n/a	2	2	9	0	2	3	8	26
2006 Commitment	0	1	n/a	2	3	10	0	3	4	9	32
2006 End-of-Year	0	0	n/a	2	3	10	0	2	5	9	31
2007 Commitment	n/a	1	n/a	2	3	10	n/a	3	5	9	33
2007 End-of-Year											
2008 Target	n/a	1	n/a	2	3	10	n/a	3	5	9	33
Universe	n/a	1	n/a	2	7	11	n/a	6	15	14	56

## National Program Manager Comments:

Target measure

The universe reflects all federally recognized Tribes who have applied for “treatment in the same manner as a state” (TAS) to administer the water quality standards program (as of November 2006).

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-3

National Office Lead: OST

**Measure Description:** Number, and national percent, of States and Territories and authorized 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.

### (WQ-3a) States/Territories:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	4	1	4	7	5	4	2	4	4	3	38	68%
2006 Commitment											n/a	n/a
2006 End-of-Year	1	3	6	6	4	3	2	4	4	4	37	66.1%*
2007 Commitment	2	3	6	5	3	5	4	6	3	4	41	73%
2007 End-of-Year												
2008 Target	3	3	3	7	4	5	4	4	1	3	37	66%
Universe	6	4	6	8	6	5	4	6	7	4	56	100%

### (WQ-3b) Authorized Tribes:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	n/a	n/a	n/a	1	1	5	0	2	0	3	12	40%
2006 Commitment											n/a	n/a
2006 End-of-Year	n/a	n/a	n/a	2	2	4	n/a	2	3	4	17	71%
2007 Commitment	n/a	0**	n/a	0	2	5	n/a	1	1	4	13	43%
2007 End-of-Year												
2008 Target	n/a	1	n/a	1	1	5	n/a	2	1	3	14	47%
Universe	n/a	n/a**	n/a	2	3	10	n/a	2	5	8	30	100%

### National Program Manager Comments:

Target measure; WQ-3a is a PART measure; FY 08 State Grant Template measure. Universe = the number of States/ Territories and Tribes that have at least initial EPA approved water quality standards as of Nov. 2006. \* Reg. 2 expects an initial submission from a tribe. Until approved, it's not counted as part of the universe.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-4

**National Office Lead: OST**

**Measure Description:** Percent of State/Territorial and Tribal water quality standards submissions (received in the 12 month period ending April 30<sup>th</sup> of the fiscal year) that are approved by EPA. Partial approvals receive fractional credit.

### (WQ-4a) States/Territories:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											n/a
2006 End-of-Year	99.6%	100.0%	91.7%	83.2%	99.8%	86.4%	25.8%	95.0%	91.7%	98.0%	88.6%*
2007 Commitment	75%	88%	75%	85%	80%	75%	75%	79%	75%	60%	76.7%
2007 End-of-Year											
2008 Target	75%	87%	75%	87%	80%	75%	75%	79%	75%	50%	76%
Universe											n/a

### (WQ-4b) Tribes:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment	n/a	n/a	n/a	n/a	75%	75%	n/a	79%	50%	50%	65.8%
2007 End-of-Year											
2008 Target	n/a	70%	n/a	n/a	75%	75%	n/a	79%	50%	50%	67%
Universe											n/a

### National Program Manager Comments:

Target measure; WQ-4a is a PART measure and a Senior Management measure.

\* FY 06 end-of-year data is from the WATA database. Universe changes annually based on number of WQS submissions.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-5**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories that have adopted and are implementing their monitoring strategies in keeping with established schedules.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	6	3	6	6	6	3	4	6	7	4	51
2006 Commitment	6	4	6	8	6	5	4	6	7	4	56
2006 End-of-Year	6	4	6	8	6	5	4	6	7	4	56
2007 Commitment	6	4	6	8	6	5	4	6	7	4	56
2007 End-of-Year											
2008 Target	6	4	6	7	6	5	4	6	7	4	55
Universe	6	4	6	8	6	5	4	6	7	4	56

## National Program Manager Comments:

Target measure; FY 08 State Grant Template measure.

“In keeping with established schedules” means that states include in their annual Section 106 Monitoring Initiative workplans specific actions that are intended to implement their monitoring strategies and that states demonstrate that they are making a good faith effort to do these activities.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-6

National Office Lead: OWOW

**Measure Description:** 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, and the number that are providing water quality data in a format accessible for storage in EPA's data system.

### (WQ-6a) Tribes implementing monitoring strategies:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	0	0	0	0	0	0	0	0	0	0	0
2006 Commitment											n/a*
2006 End-of-Year											n/a
2007 Commitment	1	0	n/a	1	3	14	1	4	9	4	37
2007 End-of-Year											
2008 Target	5	0	n/a	1	24	14	2	4	9	30	89
Universe	6	1	n/a	5	30	40	5	23	93	36	239

### (WQ-6b) Tribes providing water quality data:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	0	0	n/a	0	0	2	0	1	0	0	3**
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment	2	1	n/a	1	3	7	0	15	3	4	36
2007 End-of-Year											
2008 Target	5	0	n/a	1	12	7	1	15	3	8	52
Universe	6	1	n/a	5	30	40	5	23	93	36	239

### National Program Manager Comments:

Target measure

\* FY 06 commitment deferred pending development of tribal monitoring guidance. \*\* FY 05 end-of-year data not from ACS.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-7**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories that provide electronic information using the Assessment Database version 2 or later (or compatible system) and geo-reference the information to facilitate the integrated reporting of assessment data. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											
2006 Commitment											
2006 End-of-Year	4	3	6	5	5	4	1	6	4	2	40
2007 Commitment	4	3	6	5	5	4	1	6	4	1	39
2007 End-of-Year											
2008 Target	6	4	6	5	4	4	1	6	4	2	42
Universe	6	4	6	8	6	5	4	6	7	4	56

**National Program Manager Comments:**

Target measure

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-8

National Office Lead: OWOW

**Measure Description:** Number, and national percent, of TMDLs that are (a) developed by States and approved by EPA or established by EPA [Total TMDLs], and (b) developed by States and approved by EPA [State TMDLs] on a schedule consistent with national policy.

### (WQ-8a) Total TMDLs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	% of pace
2005 End-of-Year	73	62	1,336	484	575	66	664	365	67	379	4,071	105%
2005 Pace	335	65	1,550	300	325	93	205	396	169	425	3,863	100%
2006 Commitment	190	133	1,044	600	350	188	152	262	180	425	3,524	99%*
2006 Pace	254	452	995	600	300	223	152	239	221	386	3,822	100%*
2006 End-of-Year	90	495	1,259	856	538	194	228	249	184	432	4,525	118%**
2007 Commitment	200	115	584	360	325	113	149	253	180	375	2,654	82%
2007 Annual Pace	330	149	964	400	300	141	149	253	200	396	3,282	100%
2007 End-of-Year												
2008 Target	220	119	589	300	325	155	144	170	178	317	2,517	79%
2008 Pace	315	149	901	400	300	182	144	210	198	396	3,195	100%

### (WQ-8b) State TMDLs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline												
2006 Commitment	190	133	1,044	490	347	141	144	262	178	425	3,354	99%*
2006 Pace	221	166	974	490	297	206	144	262	219	425	3,404	100%*
2006 End-of-Year	90	493	1,061	731	538	39	220	249	182	432	4,035	119%**
2007 Commitment	200	115	564	320	325	86	149	253	178	375	2,565	81%
2007 Annual Pace	330	149	944	360	300	114	149	253	198	391	3,188	100%
2007 End-of-Year												
2008 Target	220	119	589	260	325	106	144	170	170	312	2,415	79%
2008 Pace	315	149	901	360	300	107	144	210	190	391	3,067	100%

### National Program Manager Comments:

Target measure; PART supporting measure; WQ-8a is a Senior Management measure; WQ-8b is a FY 08 State Grant Template measure. Annual pace = number of TMDLs needed to be established consistent with national policy, i.e. generally within 13 years of listing of the water as impaired. \* FY 06 data reflect revisions received from Regions as of 1/19/06 (\*\*and National TMDL Tracking System as of 10/31/06). 2006, 2007, & 2008 Reg. 3 pace totals are adjusted from 2,445 (FY 06 WQ-12); 2,834 (FY 07 WQ-13a); and 2,814 (FY 07 WQ-13b), and 3,673 (FY 08 WQ-8a&b) respectively for PA scaling.



# Improve Water Quality on a Watershed Basis



**Measure #: WQ-9**

**National Office Lead: OWOW**

**Measure Description:** Estimated annual reduction in million pounds of nitrogen, phosphorus, and tons of sediment from nonpoint sources to waterbodies (Section 319 funded projects only).

**(WQ-9a) Nitrogen:**

	National Commitment
2005 Baseline	3.7 million lbs
2006 Commitment	Indicator
2006 End-of-Year	3.7 million lbs
2007 Commitment	8.5 million lbs
2007 End-of-Year	
2008 Target	8.5 million lbs
Universe	n/a

**(WQ-9b) Phosphorus:**

	National Commitment
2005 Baseline	558,000 lbs
2006 Commitment	Indicator
2006 End-of-Year	558,000 lbs
2007 Commitment	4.5 million lbs
2007 End-of-Year	
2008 Target	4.5 million lbs
Universe	n/a

**(WQ-9c) Sediment:**

	National Commitment
2005 Baseline	1.68 million tons
2006 Commitment	Indicator
2006 End-of-Year	1.68 million tons
2007 Commitment	700,000 tons
2007 End-of-Year	
2008 Target	700,000 tons
Universe	n/a

**National Program Manager Comments:**

Target measure; HQ reported measure; PART measure.

FY 05 baseline for a 6 month period only. Starting with FY 06, a full year of data reported. End-of-Year results are received mid-February of the following year.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-10**

**National Office Lead: OWOW**

**Measure Description:** Number of waterbodies identified by States (in 2000 or subsequent years) as being primarily nonpoint source (NPS)-impaired that are partially or fully restored. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	1	0	2	5	2	0	4	0	0	0	14
2006 Commitment											Indicator
2006 End-of-Year	3	0	2	7	2	1	4	0	1	0	20*
2007 Commitment											69
2007 End-of-Year											
2008 Target	17	6	6	9	3	1	18	6	3	0	69
Universe											5,967

## National Program Manager Comments:

Target measure; HQ reports results by Region; PART and PART supporting measure; FY 08 State Grant Template measure.

\* Regional FY 06 end-of-year results not from ACS. Only a national FY 06 end-of-year result shown in ACS.

The universe is the estimated waterbodies impaired primarily by nonpoint source. Only waters on the Success Story website (<http://www.epa.gov/owow/nps/Success319/>) are counted.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-11**

**National Office Lead: OWM**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	6	5	4	9	16	2	6	3	1	2	54	18%*
2006 Commitment											Indicator	Indicator
2006 End-of-Year (cumulative)	15	12	13	15	23	9	12	15	10	13	137	47.2%*
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target											Indicator	Indicator
Universe	33	25	28	30	47	16	23	33	23	32	290	100%

## National Program Manager Comments:

Indicator measure; Regional annual commitments and action items are confirmed by HQ action item database.

\* FY 05 and FY 06 end-of-year data not from ACS. (FY 07 measure slightly different than FY 05 and FY 06 measures.)

Assessed programs include 45 authorized states, 5 unauthorized states (MA, NH, NM, AK, ID), 1 authorized territory (VI), 3 authorized territories (DC, PR, Pacific Island Territories), and 10 Regions (total of 64 programs) assessed through the Permits for Environmental Results (PER) program.

Universe of 290 includes all follow-up actions for which a schedule was established. (Updated universe available in March 2007.)

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-12

National Office Lead: OWM

**Measure Description:** Number, and national percent, of facilities covered by NPDES permits that are considered current, and of those, the number and national percent of tribal facilities covered.

### (WQ-12a) Non-tribal facilities covered by NPDES permits that are current:

	Reg 1	Reg 2	Reg 3**	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	64%	94%	86%	87%	87%	93%	82%	87%	91%	77%	96,851	87.8%*
2006 Commitment	70%	87%	90%	90%	87%	90%	87%	90%	90%	80%	—	88.4%
	1,428	5,234	13,034	17,116	12,119	30,282	8,121	3,622	2,657	3,887	97,500	—
2006 End-of-Year	70.0%	87.7%	82.6%	94.1%	74.6%	95.2%	83.6%	85.5%	82.0%	79.0%	—	85.7%
	1,092	2,995	17,460	19,072	10,220	24,444	7,289	4,198	2,448	5,052	94,270	—
2007 Commitment	70%	88%	85%	90%	87%	90%	87%	85%	85%	80%	—	87%
	1,428	3,166	14,523	18,400	12,093	21,602	7,765	4,201	2,382	4,528	90,088	—
2007 End-of-Year												
2008 Target	70%	87%	86%	90%	90%	90%	81%	85%	81%	80%	90,130	87%
Universe (2007)	1,551	3,425	15,495	20,278	13,648	25,668	8,742	4,887	2,953	6,397	103,044	100%

### (WQ-12b) Tribal facilities covered by permits that are current:

	Reg 1	Reg 2	Reg 3**	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	0	2	n/a	16	37	8	1	140	41	16	261	80%
2006 Commitment	100% (6)	100% (2)	n/a	90% (19)	85% (34)	90% (10)	90% (14)	95% (69)	90% (41)	85% (57)	252	89.4%
2006 End-of-Year	100% (2)	100% (2)	n/a	100% (15)	90.2% (37)	90% (10)	62.5% (10)	93.5% (173)	77% (31)	27.6% (16)	290	78.4%
2007 Commitment	(100%) 2	(100%) 2	n/a	(100%) 15	(90%) 37	(90%) 10	(100%) 16	(95%) 69	(90%) 32	(85%) 50	233	85%
2007 End-of-Year												
2008 Target	(100%) 2	(100%) 2	n/a	(90%) 14	(90%) 37	(90%) 10	(100%) 16	(90%) 167	(80%) 32	(80%) 46	326	88%
Universe (2007)	2	2	n/a	15	41	11	16	185	40	58	370	100%

### National Program Manager Comments:

Target measure; WQ-12a is a FY 08 State Grant Template measure. This measure includes facilities covered by all permits, including State and EPA issued permits. Due to the shifting universe of permittees, the important value on which to focus on is the national percent. \*FY 05 end-of-year data not from ACS. \*\*(WQ-12a) Region 3's universe & FY 06 result are updated to reflect data reconciliation during migration from PCS to ICIS.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-13

National Office Lead: OWM

**Measure Description:** Number, and national percent, of facilities covered under either an individual or general permit by type: a) MS-4s and b) industrial storm water.

### (WQ-13a) MS-4s:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline											TBD	TBD
2006 Commitment											Indicator	Indicator
2006 End-of-Year											n/a	n/a
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target											Indicator	Indicator
Universe											TBD	100%

### (WQ-13b) Industrial storm water:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline											TBD	TBD
2006 Commitment											Indicator	Indicator
2006 End-of-Year											n/a	n/a
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target											Indicator	Indicator
Universe											TBD	100%

### National Program Manager Comments:

Indicator measure; FY 08 State Grant Template measure.

Data did not exist prior to 2007 for WQ-13 (a,b,c).

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-13, continued**

**National Office Lead: OWM**

**Measure Description:** Number of facilities covered under either an individual or general permit by type: c) construction storm water sites and d) CAFOs.

**(WQ-13c) Construction storm water sites:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2006 Commitment											Indicator
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											TBD

**(WQ-13d) CAFOs:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	0	624	175	2,131	1,488	1,391	1,239	448	296	831	8,623*
2006 Commitment											Indicator
2006 End-of-Year	4	625	153	2,126	1,577	906	1,325	414	269	737	8,136
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	33	632	770	3,621	2,523	4,190	3,777	841	1,670	915	18,972

**National Program Manager Comments:**

Indicator measure; FY 08 State Grant Template measure. Data did not exist prior to 2007 for WQ-13 (a,b,c).  
 \*FY 05 CAFO data is not from ACS. Note: It is likely the Regions overestimated the number of CAFOs covered by a general permit in 2005.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-14

National Office Lead: OWM

**Measure Description:** Number, and national percent, of (a) Significant Industrial Users (SIUs) in POTWs with Pretreatment Programs that have control mechanisms in place that implement applicable pretreatment requirements; and, (b) Categorical Industrial Users (CIUs) in non-pretreatment POTWs that have control mechanisms in place that implement applicable pretreatment requirements.

### (WQ-14a) SIUs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	1,589	1,882	1,790	3,932	4,899	2,132	829	592	4,019	562	22,226	97.8%*
2006 Commitment											Indicator	Indicator
2006 End-of-Year	94%	99%	99%	100%	99.8%	99.4%	99.9%	99%	95%	100%	—	98%*
	1,411	1,869	1,792	3,871	5,316	2,005	1,024	697	4,019	649	22,653	—
2007 Commitment	94%	99%	98.8%	98.2%	100%	99.7%	97.6%	97.4%	90%	98.4%	—	97%
	1,489	1,870	1,788	3,800	5,327	2,011	1,000	686	3,808	562	22,341	—
2007 End-of-Year												
2008 Target	94%	98%	98%	97%	99%	98%	95%	98%	90%	100%	22,172	95%
Universe (2007)	1,551	1,888	1,810	3,871	5,327	2,017	1,025	704	4,231	649	23,073	100%

### (WQ-14b) CIUs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	44	117	74	31	458	17	31	45	0	198	1,015	91.2%*
2006 Commitment											Indicator	Indicator
2006 End-of-Year	100% (44)	100% (71)	100% (75)	100% (321)	97% (687)	88% (95)	78% (190)	74% (31)	100% (6)	100% (48)	1,568	94%
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target											Indicator	Indicator
Universe	44	71	75	321	706	108	243	42	6	48	1,664	100%

### National Program Manager Comments:

WQ-14a is a Target measure and a FY 08 State Grant Template measure; WQ-14b is an Indicator measure. \* FY 05 and FY 06 data shown as percents in ACS; facility numbers are approximate. Region 4 universe now includes AL and MS CIUs which are permitted by the states. Baseline is the known percentage of those CIUs that are 'controlled' in some way, shape, or form. All universe numbers are approximate as they shift from year to year.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-15

National Office Lead: OWM

**Measure Description:** Percent of major dischargers in Significant Noncompliance (SNC) at any time during the fiscal year, and of those, the number, and national percent, discharging pollutant(s) of concern on impaired waters.

### (WQ-15a) Percent of Major Dischargers in SNC:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline	25.0%	28.7%	15.0%	20.7%	17.7%	23.7%	17.7%	8.0%	13.7%	15.3%	19.7%	1,308*
2006 Commitment											n/a	n/a
2006 End-of-Year	42%	28%	16%	22%	20%	22%	32%	5%	17%	16%	22.2%	1,473
2007 Commitment											≤ 22.5%	1,494
2007 End-of-Year												
2008 Target											≤ 22.5%	
Universe (2006)	426	582	757	1,345	1,167	1,087	396	260	347	276	100%	6,643

### (WQ-15b) Number of Major Dischargers on Impaired Waters in SNC:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total %	Total #
2005 Baseline											TBD	TBD
2006 Commitment											n/a	n/a
2006 End-of-Year	56	27	28	42	90	29	15	3	12	4	n/a	308
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target											Indicator	Indicator
Universe*	155 (89)	67 (34)	256 (145)	147 (75)	773 (471)	189 (136)	81 (46)	43 (29)	12 (10)	12 (6)		1,735 (1,041)

### National Program Manager Comments:

WQ-15a is a Target measure; PART measure; and a FY 08 State Grant Template measure. WQ-15b is an Indicator measure. HQ reports results by Region. FY 08 target for WQ-15a of ≤22.5% is a 3 year average that shows overall trends. FY 06 end-of-year data not from ACS. \* The universe for WQ-15b represents the number of major facilities on impaired waterbodies; in parentheses are the number of major facilities on impaired waterbodies potentially discharging the impairing pollutant.



# Improve Water Quality on a Watershed Basis



**Measure #: WQ-16**

**National Office Lead: OWM**

**Measure Description:** Number, and national percent, of all major publicly-owned treatment works (POTWs) that comply with their permitted wastewater discharge standards (i.e. POTWs that are not in significant non-compliance).

	National Commitment (#)	%
2005 Baseline	3,670	86.6%
2006 Commitment	n/a	
2006 End-of-Year	3,645	86%
2007 Commitment	3,645	86%
2007 End-of-Year		
2008 Target	3,645	86%
Universe	4,238	100%

## **National Program Manager Comments:**

Target measure; PART measure.

\* FY 06 end-of-year data not from ACS.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-17**

**National Office Lead: OWM**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	110%	94%	89%	95%	98%	91%	88%	91%	93%	98%	94.7%
2006 Commitment	95%	90%	91%	90%	90%	84%	88%	90%	95%	95%	93%
2006 End-of-Year	102%	96%	94%	97%	93%	88%	89%	91%	95%	104%	94.7%
2007 Commitment	95%	90%	90%	89%	90%	86%	88%	91%	95%	97%	93.4%
2007 End-of-Year											
2008 Target	96%	91%	90%	89%	92%	89%	89%	91%	92%	95%	93.5%
Universe (2006) (in \$ billions)*	\$6.0	\$11.9	\$4.8	\$7.0	\$13.2	\$5.9	\$3.5	\$2.0	\$4.8	\$1.8	\$61.0

**National Program Manager Comments:**

Target measure; PART measure.

\* Universe represents the funds available for projects for the CWSRF through 2006, in billions of dollars (i.e., the denominator of the measure).

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-18**

**National Office Lead: OWM**

**Measure Description:** Number of people served by projects that protect or restore waterbody uses that impact human health per million dollars of CWSRF assistance provided for that purpose.

	National Commitment
2005 Baseline	7,400 people/million dollars*
2006 Commitment	
2006 End-of-Year	
2007 Commitment	Maintain or improve
2007 End-of-Year	
2008 Target	7,400 people/million dollars
Universe	

## National Program Manager Comments:

Target measure; HQ reported measure; PART measure.

\* The FY 2008 budget shows a FY 05 baseline of 9,434 people/million dollars.

# Improve Water Quality on a Watershed Basis



## Measure #: WQ-19

National Office Lead: OWM

**Measure Description:** Number, and national percent, of high priority *state* NPDES permits and high priority *EPA (including tribal)* NPDES permits, that are issued as scheduled.

### (WQ-19a) High priority state NPDES permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	9	22	21	91	265	125	32	22	3	11	601	104%
2006 Commitment	0	26	38	62	105	99	50	42	16	27	482	95%*
2006 End-of-Year	21	33	50	66	130	95	62	52	8	29	546	97%*
2007 Commitment	7	32	23	47	85	63	101	34	17	12	421	95%**
2007 End-of-Year												
2008 Target	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	421	95%
Universe (2007)	7	34	24	49	89	66	106	36	18	13	442	100%

### (WQ-19b) High priority EPA (including tribal) NPDES permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	16	9	0	0	0	1	8	6	0	19	59	104%
2006 Commitment	4	22	0	0	0	1	7	6	0	16	56	95%
2006 End-of-Year	4	25	0	1	0	6	3	5	0	24	68	117%
2007 Commitment	7	15	0	1	1	2	2	6	0	25	59	95%**
2007 End-of-Year												
2008 Target	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	59	95%
Universe (2007)	7	16	0	1	1	2	2	6	0	26	61	100%

### National Program Manager Comments:

Target measure (based on national performance). WQ-19a conforms to 106 PART measure; sum of WQ-19 (a,b) conforms to SWP PART measure. WQ-19a is a FY 08 State Grant Template measure and a Senior Management measure. The FY 06 measure, formed prior to PART, was reported in 2 parts as non-tribal and tribal. FY 06 results are 98.5% (non-tribal) & 63.2% (tribal). FY 07 Measure was reported in 3 parts as State issued, EPA non-tribal, and EPA tribal permits. \*FY 06 commitments and end-of-year data shown as percents in ACS. HQ reports results by Region. \*\*FY 07 Regional commitments not from ACS. Starting in FY 08, the universe of priority permits candidates has been expanded to capture a larger universe of environmentally significant permits. FY 08 targets are all percents since the FY 08 universe has not yet been determined. Once determined, numbers can be included.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-20**

**National Office Lead: OWM**

**Measure Description:** Number of facilities that have traded at least once plus all facilities covered by an overlay permit\* that incorporates trading provisions with an enforceable cap.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	79	0	1	8	3	0	0	0	6	1	98**
2006 Commitment											Indicator
2006 End-of-Year	80	1	1	30	4	1	0	0	3	1	121**
2007 Commitment											Indicator
2008 Target											Indicator
Universe (2007)	80	25	127	30	87	1	0	0	8	5	363

## National Program Manager Comments:

Indicator measure; FY 08 State Grant Template measure. (Note: WQ-20 was a two part measure in FY 07; (a) was a Target measure until early FY 07, and has subsequently been dropped). Universe is the number of dischargers covered under an NPDES permit that allows trading. \*\* FY 05 and FY 06 end-of-year data not from ACS. In FY 06, measure language read “Number of dischargers with permits provided for trading...and the number of dischargers that carried out trades.” In FY 07, measure was: “Number of permits providing for trading...and the number of dischargers that carried out trades.”

\* The trading measure counts all point source permitted facilities that have traded at least once using either individual or general permits that allow trading. Facilities covered under an overlay permit (sometimes called an ‘aggregate,’ ‘watershed,’ ‘bubble,’ or ‘umbrella’ permit) that set an enforceable cap on specific pollutant discharges are all automatically counted as having traded.

# Improve Water Quality on a Watershed Basis



**Measure #: WQ-21**

**National Office Lead: OWOW**

**Measure Description:** Number of water segments identified as impaired in 2002 for which States and EPA agree that initial restoration planning is complete (i.e., EPA has approved all needed TMDLs for pollutants causing impairments to the waterbody or has approved a 303(d) list that recognizes that the waterbody is covered by a Watershed Plan [i.e., Category 4b or Category 5m]). (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											Indicator
2006 End-of-Year	336	332	2,376	1,243	407	131	1,463	200	47	576	7,111
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe (2002)	6,710	1,805	8,998	5,274	4,550	1,702	2,036	1,274	1,041	6,408	39,798

**National Program Manager Comments:**

Indicator measure

Universe consists of waters identified as impaired in state submission in 2002.

## Improve Coastal and Ocean Waters



### Measure #: Subobjective 2.2.2

National Office Lead: OWOW

**Measure Description:** Prevent water pollution and protect coastal and ocean systems to improve national and regional coastal aquatic system health on the “good/fair/poor” scale of the National Coastal Condition Report.

	National Commitment
2004 Baseline	2.3
2006 Commitment	
2006 End-of-Year	
2007 Commitment	2.3
2007 End-of-Year	
2008 Target	2.4
Universe	n/a

2011 Target: 2.5

### National Program Manager Comments:

Target measure; HQ reported measure; PART measure.

Rating is a 5-point system where 1 is poor and 5 is good.

# Improve Coastal and Ocean Waters



## Measure #: Strategic Targets (SP-16 to SP-19)

National Office Lead: OWOW

**Measure Description:** Maintain aquatic ecosystem health on the “good/fair/poor” scale of the National Coastal Condition Report in the following Regions:

### (SP-16) Northeast:

	National Commitment
2004 Baseline	1.8
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	1.8
2007 End-of-Year	
2008 Target	1.8
Universe	

2011 Target: Maintain baseline

### (SP-18) West Coast:

	National Commitment
2004 Baseline	2
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	2
2007 End-of-Year	
2008 Target	2
Universe	

2011 Target: Maintain baseline

### (SP-17) Southeast:

	National Commitment
2004 Baseline	3.8
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	3.8
2007 End-of-Year	
2008 Target	3.8
Universe	

2011 Target: Maintain baseline

### (SP-19) Puerto Rico:

	National Commitment
2004 Baseline	1.7
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	1.7
2007 End-of-Year	
2008 Target	1.7
Universe	

2011 Target: Maintain baseline

## National Program Manager Comments:

Target measures; HQ reported measures. Note: For Gulf of Mexico, see Subobjective 4.3.5



# Improve Coastal and Ocean Waters



**Measure #: Strategic Target SP-20**

**National Office Lead: OWOW**

**Measure Description:** 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).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total #	Total %
2005 Baseline	5	3	2	17	n/a	15	n/a	n/a	11	7	60	94%
2006 Commitment											n/a	n/a
2006 End-of-Year											n/a	n/a
2007 Commitment											Indicator	Indicator
2007 End-of-Year												
2008 Target	100% (5)	100% (3)	100% (2)	90% (19)	n/a	93% (14)	n/a	n/a	100% (11)	100% (7)	61	95%
Universe	5	3	2	21	n/a	15	n/a	n/a	11	7	64	100%

**2011 Target: 95%**

**National Program Manager Comments:**

Target measure

# Improve Coastal and Ocean Waters



## Measure #: Subobjective 4.3.2

National Office Lead: OWOW

**Measure Description:** 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).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Annual total	Cumulative total
2005 Baseline	14,562	15,009	33,793	232,605	n/a	54,378	n/a	n/a	82,363	16,531	—	449,242*
2006 Commitment (Annual)	2,123	850	2,050	8,098	n/a	6,220	n/a	n/a	1,517	5,500	26,358	475,600
2006 End-of-Year (annual)	7,495	2,831	4,122	108,791	n/a	8,021	n/a	n/a	11,292	2,900	145,451	594,693
2007 Commitment (Annual)	700	1,350	4,000	25,000	n/a	3,000	n/a	n/a	1,900	5,000	40,950	635,643
2007 End-of-Year												
2008 Target	975	1,025	3,000	20,000	n/a	3,000	n/a	n/a	5,114	5,000	50,000**	
Universe											n/a	n/a

**2011 Target:** 250,000 (cumulative measuring from 2007-2011)

### National Program Manager Comments:

Target measure; PART measure; Senior Management measure.

\* FY 05 end-of-year regional data is not from ACS.

\*\* Sum of Regional targets = 38,114; national target of 50,000 is a high priority.

# Improve Coastal and Ocean Waters



**Measure #: CO-1**

**National Office Lead: OWOW**

**Measure Description:** Number of coastal waterbody impairments restored.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											
2006 Commitment											n/a
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	2,389	742	1,796	1,285	n/a	346	n/a	n/a	474	1,226	8,258

## National Program Manager Comments:

Indicator measure

Universe represents impaired waters in coastal HUCs (hydrologic unit codes) reported by States in 2002.

# Improve Coastal and Ocean Waters



**Measure #: CO-2**

**National Office Lead: OWOW**

**Measure Description:** Number of coastline miles protected from vessel sewage by “no discharge zone(s).” (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	334.7	276	37	120.8	2,605.8	0	n/a	n/a	65.1	0	3,439.4
2006 Commitment											Indicator
2006 End-of-Year											n/a
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	2,788.9	1,406.5	2,440.4	5,332	3,298.9	3,291.7	n/a	n/a	1,616.5	1,843.1	22,018

## National Program Manager Comments:

Indicator measure

Note that coastline mileages were estimated using Reachfile version 1 at a 1:300,000 scale. Coarse scales such as this will produce an under accounting of actual miles; however, this under accounting is consistent across Regions and the overarching universe of coastline miles. As better data becomes available, we will revise these estimates. Note also that the numbers for Regions 2, 9, and 10 respectively do not include coastline miles for Puerto Rico, U.S. Virgin Islands, Hawaii, or Alaska.

# Improve Coastal and Ocean Waters



**Measure #: CO-3**

**National Office Lead: OWOW**

**Measure Description:** Number of National Estuary Program priority actions in Comprehensive Conservation and Management Plans (CCMPs) that have been completed. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	135	11	0	9	n/a	13	n/a	n/a	46	11	225
2006 Commitment											Indicator
2006 End-of-Year	150	17	3	44	n/a	26	n/a	n/a	92	11	343
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	289	468	214	365	n/a	183	n/a	n/a	250	269	2,038

**National Program Manager Comments:**

Indicator measure

# Improve Coastal and Ocean Waters



**Measure #: CO-4**

**National Office Lead: OWOW**

**Measure Description:** Rate of return on Federal investment for the National Estuary Programs [dollar value of “primary” leveraged resources (cash or in-kind) divided by Section 320 funds].

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	\$12.3	\$46.9	\$7.7	\$19.1	n/a	\$4.5	n/a	n/a	\$51.0	\$17.3	\$158.8
2006 Commitment											Indicator
2006 End-of-Year	\$34.8	\$166.9	\$6.4	\$428.6	n/a	\$19.5	n/a	n/a	\$62.7	\$46.7	\$765.6
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe											n/a

## National Program Manager Comments:

Indicator measure (Dollars in millions and rounded to nearest tenth of a percent.)

Note that “primary” leveraged dollars are those the National Estuary Program (NEP) played the central role in obtaining. An example of primary leveraged dollars would be those obtained from a successful grant proposal written by the NEP.

FY 06 end-of-year data is not from ACS.

# Improve Coastal and Ocean Waters



**Measure #: CO-5**

**National Office Lead: OWOW**

**Measure Description:** Number of dredged material management plans that are in place for major ports and harbors.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	2	1	2	0	n/a	3	n/a	n/a	2	5	15
2006 Commitment											Indicator
2006 End-of-Year	8	1	5	2		6	n/a	n/a	2	2	26
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	10	3	8	18	28	14	n/a	n/a	12	11	104*

## National Program Manager Comments:

Indicator measure

\*This number represents major coastal/Great Lakes ports/harbors (commercially significant/ deep draft and regionally significant). Development of a dredged material management plan is not necessary or feasible for all ports and harbors in the universe.

# Improve Coastal and Ocean Waters



**Measure #: CO-6**

**National Office Lead: OWOW**

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

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											Indicator
2006 End-of-Year	2	3	2	5	n/a	6	n/a	n/a	3	5	26
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	5	3	2	21	n/a	15	n/a	n/a	11	7	64

**National Program Manager Comments:**

Indicator measure



## Increase Wetlands



### Measure #: Subobjective SP-21

**National Office Lead:** OWOW

**Measure Description:** Working with partners, achieve a net increase of acres of wetlands per year with additional focus on biological and functional measures and assessment of wetland condition. (cumulative)

### Measure #: Strategic Target SP-22

**National Office Lead:** OWOW

**Measure Description:** 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.

#### SP-21

	National Commitment
2005 Baseline	32,000 (annual)*
2006 Commitment	200,000 (cumulative)
2006 End-of-Year	64,000 (cumulative)**
2007 Commitment	300,000 (cumulative)
2007 End-of-Year	
2008 Target	400,000
Universe	n/a

**2011 Target:** 400,000

#### SP-22

	National Commitment
2005 Baseline	n/a
2006 Commitment	No Net Loss
2006 End-of-Year	Data available 1/08
2007 Commitment	No Net Loss
2007 End-of-Year	
2008 Target	No Net Loss
Universe	n/a

**2011 Target:** No Net Loss

### National Program Manager Comments:

Target measures; HQ reported measures. (applies to measures SP-21 and SP-22)

Data source: U.S. Fish & Wildlife Service Wetland Status and Trends Report. \* FY 05 end-of-year data not from ACS.

\*\* FY 06 result (estimated 64,000 acres) fell short based on simple extrapolation of most recent annual rate ('98-'04). The next Status and Trends Report (2011) should show a continuation of upward trends.

## Increase Wetlands



**Measure #: WT-1**

**National Office Lead: OWOW**

**Measure Description:** Number of wetland acres restored and enhanced, under the President's 2004 Earth Day Initiative. (cumulative)

	National Commitment
2005 Baseline	n/a
2006 Commitment	4,800
2006 End-of-Year	58,777
2007 Commitment	7,200
2007 End-of-Year	
2008 Target	75,000*
Universe	n/a

### **National Program Manager Comments:**

Target measure; HQ reported measure.

These acres may include those supported by Wetland 5 Star Restoration Grants, National Estuary Program, Section 319 grants, Brownfields grants, or EPA's Great Waterbodies Program.

FY 08 Target represents a cumulative total. Unexpected accomplishments in FY 06, particularly in the National Estuary Program, contributed significantly to the total number of wetland acres restored and enhanced.

# Increase Wetlands



## Measure #: WT-2

National Office Lead: OWOW

**Measure Description:** Number of States and Tribes that have built capacities in wetland monitoring, regulation, restoration, water quality standards, mitigation compliance, and partnership building.

### (WT-2a) States:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											Indicator
2006 End-of-Year	6	1	5	7	0	0	0	2	0	0	21
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	6	2	5	8	6	5	4	0	4	4	44

### (WT-2b) Tribes:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											n/a
2006 Commitment											Indicator
2006 End-of-Year	0	1	n/a	1	0	0	0	3	0	0	5
2007 Commitment											Indicator
2007 End-of-Year											
2008 Target											Indicator
Universe	9	7	0	6	36	68	9	27	146	271	579

### National Program Manager Comments:

Indicator measure. Substantial progress to be shown in three of the six areas identified during the last 3 years (i.e. monitoring, regulation, restoration, water quality standards, mitigation compliance, and partnership building).

# Increase Wetlands



**Measure #: WT-3**

**National Office Lead: OWOW**

**Measure Description:** 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.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	HQ	Total
2005 End-of-Year												n/a
2006 Commitment												Indicator
2006 End-of-Year												n/a
2007 Commitment												Indicator
2007 End-of-Year												
2008 Target												Indicator
Universe												n/a

## National Program Manager Comments:

Indicator measure; Reported by Regions and HQ.

\* “Requirements for greater environmental protection” are counted under this measure when EPA can document that its recommendations for improvement provided in one or more of the following issue areas were incorporated into the final permit decision:

1. Demonstration of adequate impact avoidance, including:
  - a. Determination of water dependency;
  - b. Characterization of basic project purpose;
  - c. Determination of range of practicable alternatives;
  - d. Evaluation of direct, secondary and cumulative impacts for practicable alternatives;
  - e. Identification of Least Environmentally Damaging Practicable Alternative;
  - f. Compliance with WQS, MPRSA, ESA and/or toxic effluent standards;
  - g. Evaluation of potential for significant degradation,
2. Demonstration of adequate impact minimization
3. Determination of adequate compensation

Note: The documented permit decision can be in the form of an issued, withdrawn, or denied permit.

# Increase Wetlands



**Measure #: WT-4**

**National Office Lead: OWOW**

**Measure Description:** Number of States where the trend in wetland condition has been measured as defined through biological metrics and assessments. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline	1	0	4	1	1	1	1	1	0	1	11
2006 Commitment	1	0	5	1	0	1	1	4	0	1	14
2006 End-of-Year	1	0	5	2	0	1	1	4	0	1	15
2007 Commitment	2	0	5	1	0	1	1	3	0	1	14
2007 End-of-Year											
2008 Target	3	0	5	2	2	1	1	4	0	1	19
Universe	6	2	5	8	6	5	4	6	4	4	50

**National Program Manager Comments:**

Target measure



## Measure #: Strategic Target SP-23

**National Office Lead:** OWM

**Measure Description:** Number of currently exceeded water quality standards in impaired transboundary segments of U.S. surface waters.

	National Commitment
2002 Baseline	17
2006 Commitment	
2006 End-of-Year	data not available
2007 Commitment	Indicator
2007 End-of-Year	
2008 Target	1
Universe	

**2012 Target:** Achieve a majority of the 2002 baseline (i.e., 9)

### National Program Manager Comments:

Target measure; PART supporting measure; HQ reported measure; cumulative starting in FY 07.



## Measure #: Strategic Target SP-24

**National Office Lead:** OWM

**Measure Description:** Provide safe drinking water to homes in the U.S.-Mexico Border area that lacked access to safe drinking water in 2003.

	National Commitment
2003 Baseline	98,515
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	Indicator
2007 End-of-Year	
2008 Target	2,500 (annual)
Universe	n/a

**2012 Target:** 24,628 (25% of 2003 Baseline)

### National Program Manager Comments:

Target measure; HQ reported measure; PART supporting measure.  
 2003 Baseline: 98,515 homes in the Mexico Border area lacking access to safe drinking water.



## Measure #: Strategic Target SP-25

National Office Lead: OWM

**Measure Description:** Provide adequate wastewater sanitation to homes in the U.S.-Mexico Border area that lacked access to wastewater sanitation in 2003.

	National Commitment
2003 Baseline	690,723
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	Indicator
2007 End-of-Year	
2008 Target	15,000 (annual)
Universe	n/a

**2012 Target:** 172,680 (25% of 2003 Baseline)

### National Program Manager Comments:

Target measure; HQ reported measure; PART supporting measure.  
 2003 Baseline: 690,723 homes in the Mexico border area lacking access to wastewater sanitation.



# Sustain and Restore Pacific Island Territories



**Measure #: Strategic Target SP-26**

**National Office Lead:** Region 9

**Measure Description:** Percent of population in each of the U.S. Pacific Island Territories served by community drinking water systems that receive drinking water that meets all applicable health-based drinking water standards throughout the year.

	National Commitment
2005 Baseline	95% of American Samoa; 10% of the Commonwealth of the Northern Mariana Islands; 80% of Guam
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	72%
Universe	

**2011 Target: 95%**

**National Program Manager Comments:**

Target measure

# Sustain and Restore Pacific Island Territories



**Measure #: Strategic Target SP-27**

**National Office Lead:** Region 9

**Measure Description:** Percent of the time that the sewage treatment plants in the U.S. Pacific Island Territories comply with permit limits for biochemical oxygen demand (BOD) and total suspended solids (TSS).

	National Commitment
2005 Baseline	59%
2006 Commitment	n/a
2006 End-of-Year	34%
2007 Commitment	60%
2007 End-of-Year	
2008 Target	67%
Universe	

**2011 Target:** 90%

**National Program Manager Comments:**

Target measure

Note: FY 06 end-of-year result and FY 07 commitment not from ACS.



## Measure #: Strategic Target SP-28

**National Office Lead:** Region 9

**Measure Description:** Percent of days of the beach season that beaches in each of the U.S. Pacific Island Territories monitored under the Beach Safety Program will be open and safe for swimming.

	National Commitment
2005 Baseline	84%
2006 Commitment	n/a
2006 End-of-Year	81%
2007 Commitment	85%
2007 End-of-Year	
2008 Target	85%
Universe	

**2011 Target: 96%**

### National Program Manager Comments:

Target measure

Note: FY 06 end-of-year result and FY 07 commitment not from ACS.

# Improve the Health of the Great Lakes



## Measure #: Subobjective 4.3.3

National Office Lead: GLNPO

**Measure Description:** Prevent water pollution and protect aquatic systems to improve the overall aquatic ecosystem health of the Great Lakes using the Great Lakes 40-point scale.

## Measure #: Strategic Target SP-29

National Office Lead: GLNPO

**Measure Description:** Maintain or improve an average annual 5% decline for the long-term trend in average concentrations of PCBs in whole lake trout and walleye samples.

### 4.3.3

	National Commitment
2005 Baseline	21.5 points
2006 Commitment	21 points
2006 End-of-Year	21.1 points
2007 Commitment	21 points
2007 End-of-Year	21 points
2008 Target	22 points
Universe	40 points

**2011 Target: 23**

### SP-29

	National Commitment
1990 Baseline	(*see below)
2006 Commitment	5% decline
2006 End-of-Year	Data lag
2007 Commitment	5% decline
2007 End-of-Year	
2008 Target	5% decline
Universe	n/a

**2011 Target: 5%**

### National Program Manager Comments:

Target measures (applies to measures 4.3.3 and SP-29). Universe adjustments being made for sediments and drinking water components of the Great Lakes Index. \*1990 baseline: Concentrations levels at stations in Lakes Superior [0.45 ppm], Michigan [2.72 ppm], Huron [1.5 ppm], Erie [1.35ppm], & Ontario [2.18 ppm].)

# Improve the Health of the Great Lakes



## Measure #: Strategic Target SP-30

**National Office Lead:** GLNPO

**Measure Description:** Maintain or improve an average annual 7% decline for the long-term trend in average concentrations of toxic chemicals (PCBs) in the air in the Great Lakes basin.

## Measure #: Strategic Target SP-31

**National Office Lead:** GLNPO

**Measure Description:** Restore and de-list Areas of Concern (AOCs) within the Great Lakes basin.

### SP-30

	National Commitment
1990 Baseline	(*see below)
2006 Commitment	7% decline
2006 End-of-Year	8% decline
2007 Commitment	7% decline
2007 End-of-Year	
2008 Target	7% decline
Universe	n/a

**2011 Target:** 7% decline

### SP-31

	National Commitment
2005 Baseline	0
2006 Commitment	2
2006 End-of-Year	1
2007 Commitment	1
2007 End-of-Year	
2008 Target	3
Universe	31

**2010 Target:** 8 AOCs restored

### National Program Manager Comments:

Target measures. (applies to measures SP-30 and SP-31)

\* 1992 Baseline: Concentration levels for U.S. stations at Lakes Superior [100 pg/m<sup>3</sup>], Michigan [289 pg/m<sup>3</sup>], Erie [431 pg/m<sup>3</sup>].

# Improve the Health of the Great Lakes



**Measure #: Strategic Target SP-32**

**National Office Lead: GLNPO**

**Measure Description:** Remediate cubic yards (in millions) of contaminated sediment in the Great Lakes.

	National Commitment
2005 Baseline	3.7 million
2006 Commitment	4 million
2006 End-of-Year	4.1 million
2007 Commitment	4.5 million
2007 End-of-Year	
2008 Target	5 million
Universe	46 million

**2011 Target: 7 million**

## **National Program Manager Comments:**

Target measure

\* FY 06 end-of-year result shown annually in ACS.

Universe identifies quantity of contaminated sediment estimated to require remediation as of 1997. This total has been revised from a previous estimate of 75 million cubic yards based on state-submitted information and subsequent decisions, information verification, and actual remediations. Information lags behind (i.e. the 2007 commitment is for calendar year 2006 sediment remediation).

# Improve the Health of the Great Lakes



**Measure #: GL-1**

**National Office Lead: GLNPO**

**Measure Description:** Number, and percent of all NPDES permitted discharges to the Lakes or major tributaries that have permit limits that reflect the Guidance's water quality standards, where applicable.

	Region 2	Region 3	Region 5	Total #	Total %
2005 Baseline				2,903	91%
2006 Commitment	(1,196) 93%	(33) 100%	(1,692) 90%	2,921	91.3%
2006 End-of-Year	(1,196) 93%	(33) 100%	(1,630) 92%	2,859	93%
2007 Commitment	1,186 (93%)	33 (100%)	1,722 (96%)	2,941	94.7%
2007 End-of-Year					
2008 Target	1,186 (93%)	33 (100%)	1,732 (98%)	2,951	96%
Universe	1,275	33	1,768	3,076	100%

## National Program Manager Comments:

Target measure

Universe for this measure changes with current information.

This measure is the Great Lakes subset of measure SS-1, and now includes consistent methods by the three Regions.

# Improve the Health of the Great Lakes



**Measure #: GL-2**

**National Office Lead: GLNPO**

**Measure Description:** Number and percent of Combined Sewer Overflow (CSO) permits in the Great Lakes basin with schedules in place in permits or other enforceable mechanisms to implement approved Long Term Control Plans (LTCPs). (cumulative)

	Region 2	Region 3	Region 5	Total #	Total %
2002 Baseline	11	1	117	129	85%
2006 Commitment	15 (56%)	1 (100%)	79 (65%)	150	
2006 End-of-Year	15 (56%)	1 (100%)	79 (65%)	150	63%
2007 Commitment	19 (70%)	1 (100%)	81 (66%)	101	67%
2007 End-of-Year					
2008 Target	21 (78%)	1 (100%)	91 (75%)	113	75%
Universe	27	1	122	150	100%

**National Program Manager Comments:**

Target measure

Universe for this measure changes with current information.



# Improve the Health of the Great Lakes



**Measure #: GL-3**

**National Office Lead: GLNPO**

**Measure Description:** Percent of high priority Tier 1 (significant) Great Lakes beaches where States and local agencies have put into place water quality monitoring and public notification programs that comply with the U.S. EPA National Beaches Guidance.

	Region 2	Region 3	Region 5	Total #	Total %
2005 Baseline	100%	n/a	100%	325	100%
2006 Commitment	(38) 100%	n/a	(305) 100%	343	100%*
2006 End-of-Year	(38) 100%	n/a	(305) 100%	343	100%*
2007 Commitment	20 (100%)	n/a	327 (100%)	347	100%
2007 End-of-Year					
2008 Target	20 (100%)	n/a	327 (100%)	347	100%
Universe	20	n/a	327	347	100%

**National Program Manager Comments:**

Target measure

Prior to FY 2007, Region 2's universe included more than just the Tier 1 beaches.

# Improve the Health of the Great Lakes



**Measure #: GL-4**

**National Office Lead: GLNPO**

**Measure Description:** The percentage of near term Great Lakes Actions completed or are on track.

	Region 2	Region 3	Region 5	Total #	Total %
2005 Baseline				45	94%
2006 Commitment				n/a	n/a
2006 End-of-Year				45	94%
2007 Commitment				n/a	n/a
2007 End-of-Year				n/a	n/a
2008 Target				Indicator	Indicator
Universe				48	100%

**National Program Manager Comments:**

Indicator measure

# Improve the Health of the Chesapeake Bay Ecosystem



## Measure #: Strategic Target SP-33

National Office Lead: CBPO

**Measure Description:** Percent achieved of the 185,000 acres of submerged aquatic vegetation necessary to achieve Chesapeake Bay water quality standards.

## Measure #: Strategic Target SP-34

National Office Lead: CBPO

**Measure Description:** Percent achieved of the long-term restoration goal of 100 percent attainment of the dissolved oxygen water quality standards in all tidal waters of Chesapeake Bay.

### SP-33

	National Commitment
2005 Baseline	39% (72,935 acres)
2006 Commitment	90,000 acres
2006 End-of-Year	78,260 acres
2007 Commitment	75,850 acres
2007 End-of-Year	
2008 Target	n/a
Universe	185,000 acres

**2011 Target:** 45% (83,250 acres)

### SP-34

	National Commitment
2005 Baseline	34% (25.40 km <sup>3</sup> )
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	n/a
Universe	

**2011 Target:** 40% (29.92 km<sup>3</sup>)

### National Program Manager Comments:

Target measures; PART long-term measures (applies to measures SP-33 and SP-34). FY 07 SAV target is less than FY 06 commitment because it reflects a more realistic yet ambitious timeframe to achieve 185,000 acres, based on consultation with top recognized, independent experts on SAV restoration who considered anticipated nutrient and sediment reductions, knowledge and experience with SAV recovery, and geographic location of SAV beds.

# Improve the Health of the Chesapeake Bay Ecosystem



## Measure #: Strategic Target SP-35

**National Office Lead:** CBPO

**Measure Description:** Percent of the implementation goal for nitrogen reduction practices necessary to achieve Chesapeake Bay water quality standards, expressed as a nitrogen reduction in relation to achieving a 162.5 million pound reduction from 1985 levels (based on long-term average hydrology simulations).

## Measure #: Strategic Target SP-36

**National Office Lead:** CBPO

**Measure Description:** Percent of the implementation goal for phosphorus reduction practices necessary to achieve Chesapeake Bay water quality standards, expressed as phosphorus reduction in relation to achieving a 14.36 million pound reduction from 1985 levels (based on long-term average hydrology simulations).

### SP-35

	National Commitment
2005 Baseline	41% (67 million lbs)
2006 Commitment	45.5% (74 million lbs)
2006 End-of-Year	44% (72.25 million lbs)
2007 Commitment	47% (76.38 million lbs)
2007 End-of-Year	
2008 Target	50% (81.25 million lbs)
Universe	100% (162.5 million lbs)

**2011 Target:** 59% (95.88 million lbs.)

### SP-36

	National Commitment
2005 Baseline	58% (8.4 million lbs.)
2006 Commitment	61% (8.7 million lbs)
2006 End-of-Year	61% (8.72 million lbs)
2007 Commitment	64% (9.19 million lbs)
2007 End-of-Year	
2008 Target	66% (9.48 million lbs.)
Universe	100% (14.3 million lbs)

**2011 Target:** 74% (10.63 million lbs.)

### National Program Manager Comments:

Target measures; PART annual measures (applies to measures SP-35 and SP-36). FY 06 PART target for SP-35: 44%; SP-36: 61%. PART targets are less than the FY 06 commitments because they reflect a more realistic, yet ambitious timeframe based upon historic progress, and historic and new funding. FY 06 PART Targets were met.

# Improve the Health of the Chesapeake Bay Ecosystem



## Measure #: Strategic Target SP-37

National Office Lead: CBPO

**Measure Description:** Percent of the implementation goal for sediment reduction practices necessary to achieve Chesapeake Bay water quality standards, expressed as sediment reduction in relation to achieving a 1.69 million ton reduction from 1985 levels (based on long-term average hydrology simulations).

	National Commitment
2005 Baseline	54% (0.9 million tons)
2006 Commitment	63% (1.06 million tons)
2006 End-of-Year	57% (0.96 million tons)
2007 Commitment	61% (1.03 million tons)
2007 End-of-Year	
2008 Target	64% (1.08 million tons)
Universe	100% (1.69 million tons)

**2011 Target:** 74% (1.25 million tons)

## National Program Manager Comments:

Target measure; PART annual measure. FY 06 PART target is 57%. The PART target is less than the FY 06 commitment because it reflects a more realistic, yet ambitious timeframe based upon historic progress and historic and new funding. FY 06 PART Target was met.

# Improve the Health of the Chesapeake Bay Ecosystem



**Measure #: CB-1**

**National Office Lead: CBPO**

**Measure Description:** Percent of the point source nitrogen reduction and phosphorus reduction goals achieved.

**(CB-1a) Nitrogen reduction:**

	National Commitment
2005 Baseline	60.95%
2006 Commitment	65%*
2006 End-of-Year	65%*
2007 Commitment	70%
2007 End-of-Year	
2008 Target	74%
Universe	(100%) 49.9 million lbs/yr

**(CB-1b) Phosphorus reduction:**

	National Commitment
2005 Baseline	80%
2006 Commitment	82%*
2006 End-of-Year	82%*
2007 Commitment	84%
2007 End-of-Year	
2008 Target	85%
Universe	(100%) 6.16 million lbs/yr

**National Program Manager Comments:**

Target measure; PART annual measure. FY 06 PART target for CB-1a: 65%; CB-1b: 82%. FY 06 PART targets were met.

\* Note: FY 2006 commitment and result are reported numerically rather than by percent in ACS.

# Improve the Health of the Chesapeake Bay Ecosystem



**Measure #: CB-2**

**National Office Lead: CBPO**

**Measure Description:** Percent of the forest buffer planting goal achieved.

	National Commitment
2005 Baseline	38%
2006 Commitment	49%*
2006 End-of-Year	46%*
2007 Commitment	53%
2007 End-of-Year	
2008 Target	60%
Universe	100% (10,000 miles)

## **National Program Manager Comments:**

Target measure; PART annual measure. FY 06 PART target for CB-1b: 46%. PART target is less than the FY 06 commitment because it reflects a more realistic, yet ambitious, timeframe based upon historic progress, and historic and new funding. FY 06 PART target was met.

\* Note: FY 2006 commitment and result are reported numerically rather than by percent in ACS.

# Improve the Health of the Gulf of Mexico



## Measure #: Subobjective 4.3.5

**National Office Lead:** GMPO

**Measure Description:** Improve the overall health of coastal waters of the Gulf of Mexico on the "good/fair/poor" scale of the National Coastal Condition Report.

## Measure #: Strategic Target SP-38

**National Office Lead:** GMPO

**Measure Description:** Restore water and habitat quality to meet water quality standards in impaired segments in 13 priority areas. (cumulative starting in FY 07)

### 4.3.5

	National Commitment
2004 Baseline	2.4
2006 Commitment	2.4
2006 End-of-Year	2.4
2007 Commitment	2.4
2007 End-of-Year	
2008 Target	2.5
Universe	5

**2011 Target:** 2.6

### SP-38

	National Commitment
2002 Baseline	0
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	32
2007 End-of-Year	
2008 Target	64
Universe	812

**2011 Target:** 162

### National Program Manager Comments:

Target measures (applies to measures 4.3.5 and SP-38).



# Improve the Health of the Gulf of Mexico



## Measure #: Subobjective SP-39

**National Office Lead:** GMPO

**Measure Description:** Restore, enhance, or protect a cumulative number of acres of important coastal and marine habitats. (cumulative starting in FY 07)

## Measure #: Strategic Target SP-40

**National Office Lead:** GMPO

**Measure Description:** Reduce releases of nutrients throughout the Mississippi River Basin to reduce the size of the hypoxic zone in the Gulf of Mexico, as measured by the 5-year running average of the size of the zone.

### SP-39

	National Commitment
2005 Baseline	16,000
2006 Commitment	13,400
2006 End-of-Year	16,458
2007 Commitment	15,800
2007 End-of-Year	
2008 Target	18,200
Universe	3,769,370 acres

**2011 Target:** 20,000 acres

### SP-40

	National Commitment
2005 Baseline	14,128 km <sup>2</sup>
2006 Commitment	14,128 km <sup>2</sup>
2006 End-of-Year	14,944 km <sup>2</sup>
2007 Commitment	Indicator
2007 End-of-Year	
2008 Target	n/a
Universe	n/a

**2015 Target:** less than 5,000 km<sup>2</sup>

### National Program Manager Comments:

Target measures (applies to measures SP-39 and SP-40). Both measures are cumulative starting in FY 07.

# Improve the Health of the Gulf of Mexico



**Measure #: GM-1**

**National Office Lead: GMPO**

**Measure Description:** Implement integrated bi-national (U.S. and Mexican Border States) early-warning system to support State and coastal community efforts to manage harmful algal blooms (HABs).

	National Commitment
2005 Baseline	n/a
2006 Commitment	Initiate system
2006 End-of-Year	Supported expansion into Texas and Florida
2007 Commitment	Expand operational system to add stations in south Texas, south Florida, and Veracruz, Mexico
2007 End-of-Year	
2008 Target	n/a
Universe	n/a

**National Program Manager Comments:**

Target measure

# Improve the Health of the Gulf of Mexico



## Measure #: GM-2

**National Office Lead:** GMPO

**Measure Description:** Reduce the rate of shellfish-borne *Vibrio vulnificus* illnesses caused by consumption of commercially-harvested raw or undercooked oysters from the average illness rate for the years 1995-1999.

## Measure #: GM-3

**National Office Lead:** GMPO

**Measure Description:** The percentage of near term actions in the Gulf of Mexico Alliance Governors' Action Plan that are completed or on track.

### GM-2

	National Commitment
2005 Baseline	0.16 per million
2006 Commitment	0.16 per million
2006 End-of-Year	0.09 per million
2007 Commitment	0.121 per million
2007 End-of-Year	
2008 Target	0.08 per million
Universe	80,751,246 avg pop

### GM-3

	National Commitment
2005 Baseline	0
2006 Commitment	n/a
2006 End-of-Year	49% (36)
2007 Commitment	33% (24)
2007 End-of-Year	
2008 Target	82% (60)
Universe	100% (73)

## National Program Manager Comments:

Target measures (applies to GM-2 and GM-3).

GM-2: 1995-1999 Baseline illness rate: 0.303 per million (population) for core reporting states.

# Restore and Protect Long Island Sound



## Measure #: Strategic Target SP-41

**National Office Lead:** LISPO

**Measure Description:** Reduce point source nitrogen discharges to Long Island Sound as measured by the Long Island Sound Nitrogen Total Maximum Daily Load (TMDL).

## Measure #: Strategic Target SP-42

**National Office Lead:** LISPO

**Measure Description:** Reduce the size of the hypoxic area in Long Island Sound (i.e., defined as the area in which the long-term average maximum July-September dissolved oxygen level is <3mg/lb; reduce the average duration of the maximum hypoxic event.

### SP-41

	National Commitment
2000 Baseline	213,151 lbs/day
2006 Commitment	163,303 lbs/day
2006 End-of-Year	161,099 lbs/day
2007 Commitment	154,995 lbs/day
2007 End-of-Year	
2008 Target	146,687 lbs/day
Universe	n/a

**2014 Target:** 58.5% reduction from 2000 baseline of 213,151 to 88,456 lbs/day

### SP-42

	National Commitment
2005 Baseline	203 sq. miles; 58 days
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	n/a
Universe	

**2011 Target:** 25%

### National Program Manager Comments:

Target measures (applies to SP-41 and SP-42). For SP-41: The TMDL established a baseline waste load allocation with a 58.5% reduction in nitrogen from point sources over a 15 year period beginning August 1999. The total reduction in point source nitrogen load is calculated at by dividing the universe by the 15 year period, or 8,303 lbs/day per year. For SP-42: Due to inter-annual variability, annual reduction targets are not calculated for this measure.

# Restore and Protect Long Island Sound



## Measure #: Strategic Target SP-43

**National Office Lead:** LISPO

**Measure Description:** Restore or protect acres of coastal habitat, including tidal wetlands, dunes, riparian buffers, and freshwater wetlands.

## Measure #: Strategic Target SP-44

**National Office Lead:** LISPO

**Measure Description:** Re-open miles of river and stream corridor to anadromous fish passage through removal of dams and barriers or installations of by-pass structures such as fishways. (cumulative starting in FY 06)

### SP-43

	National Commitment
2005 Baseline	712 acres restored & protected
2006 Commitment	762
2006 End-of-Year	826
2007 Commitment	812
2007 End-of-Year	
2008 Target	862
Universe	n/a

**2011 Target:** 1,012 acres (300 additional from 05 baseline)

### SP-44

	National Commitment
2005 Baseline	81 miles
2006 Commitment	89.3
2006 End-of-Year	101.2
2007 Commitment	97.6 estimated
2007 End-of-Year	
2008 Target	105.9 estimated
Universe	

**2011 Target:** 131 miles (50 additional from 05 baseline)

### National Program Manager Comments:

Target measures (applies to SP-43 and SP-44). For SP-43: At its Sept. 06 meeting, the LISS Policy Committee established the goal of restoring and protecting an additional 300 acres of coastal habitat above the baseline by 2011 – 50 acres per year for 6 years. For SP-44: The states of NY and CT will re-open 50 river miles above the base for a total of 131 river miles re-opened to fish passage.

# Restore and Protect the South Florida Ecosystem



## Measure #: Strategic Target SP-45

**National Office Lead:** Region 4

**Measure Description:** 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, working with all stakeholders (federal, state, regional, and local).

## Measure #: Strategic Target SP-46

**National Office Lead:** Region 4

**Measure Description:** 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.

### SP-45

	National Commitment
2005 Baseline	6.7% in FKNMS; 5.9% in SE Florida
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	No net loss
Universe	

**2011 Target:** No net loss

### SP-46

	National Commitment
2005 Baseline	TBD Dec 06
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	Maintain 05 baseline
Universe	

**2011 Target:** Maintain baseline

## National Program Manager Comments:

Target measures (applies to SP-45 and SP-46).

# Restore and Protect the South Florida Ecosystem



**Measure #: Strategic Target SP-47**

**National Office Lead:** Region 4

**Measure Description:** Annually maintain the overall water quality of the near shore and coastal waters of the FKNMS.

	National Commitment
2005 Baseline	chlorophyll $\leq$ 0.2 ug/l light attenuation $\leq$ 0.13/meter dissolved inorganic nitrogen $\leq$ 0.75 micromolar total phosphorus $\leq$ 0.2 micromolar
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	Maintain baseline
Universe	

**2011 Target:** Maintain baseline

**National Program Manager Comments:**

Target measure

# Restore and Protect the South Florida Ecosystem



## Measure #: Strategic Target SP-48

**National Office Lead:** Region 4

**Measure Description:** Improve the water quality of the Everglades ecosystem as measures by total phosphorus, including meeting the 10 parts per billion (ppb) total phosphorus criterion throughout the Everglades Protection Area marsh and the effluent limits to be established for dischargers from storm water treatment areas.

	National Commitment
2005 Baseline	(see below *)
2006 Commitment	n/a
2006 End-of-Year	
2007 Commitment	
2007 End-of-Year	
2008 Target	Maintain baseline
Universe	

**2011 Target:** Maintain baseline

### National Program Manager Comments:

Target measure

\* 2005 Baseline: Average annual geometric mean phosphorus concentrations were 5 ppb in Everglades National Park, 10 ppb in Water Conservation Area 3A, 13 ppb in Loxahatchee National Wildlife Refuge, and 18 ppb in Water Conservation Area 2A; annual average flow – weighted total phosphorus discharges from storm water treatment areas ranged from 13 ppb for area  $\frac{3}{4}$  and 98 ppb for area 1W.



# Restore and Protect the Puget Sound Basin



## Measure #: Strategic Target SP-49

**National Office Lead:** Region 10

**Measure Description:** 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 from FY 06)

## Measure #: Strategic Target SP-50

**National Office Lead:** Region 10

**Measure Description:** Remediate acres of prioritized contaminated sediments. (cumulative starting in FY 06)

### SP-49

	National Commitment
2005 Baseline	n/a
2006 Commitment	n/a
2006 End-of-Year	100
2007 Commitment	250 (150 new)
2007 End-of-Year	
2008 Target	450 (200 new)
Universe	30,000 acres

**2011 Target:** 1,000 acres

### SP-50

	National Commitment
2005 Baseline	n/a
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	
2008 Target	100 acres
Universe	5,000 acres

**2011 Target:** 200 acres

### National Program Manager Comments:

Target measures (applies to SP-49 and SP-50).

# Restore and Protect the Puget Sound Basin



**Measure #: Strategic Target SP-51**

**National Office Lead: Region 10**

**Measure Description:** Restore acres of tidally- and seasonally-influenced estuarine wetlands. (cumulative starting in FY 06)

	National Commitment
2005 Baseline	n/a
2006 Commitment	n/a
2006 End-of-Year	750
2007 Commitment	1,510 (760 new)
2007 End-of-Year	
2008 Target	2,310 (800 new)
Universe	45,000 acres

**2011 Target: 3,500 acres**

**National Program Manager Comments:**

Target measure

# Restore and Protect the Columbia River Basin



**Measure #: Strategic Target SP-52**

**National Office Lead:** Region 10

**Measure Description:** Protect, enhance, or restore acres of wetland habitat and acres of upland habitat in the Lower Columbia River watershed. (cumulative starting in FY 06)

	National Commitment
2005 Baseline	0
2006 Commitment	n/a
2006 End-of-Year	2,086 (2,071 wetland + 15 upland)
2007 Commitment	5,086
2007 End-of-Year	
2008 Target	8,000
Universe	96,770 acres

**2011 Target:** 16,000 acres

**National Program Manager Comments:**

Target measure

Note: 13,000 wetland habitat acres and 3,000 upland habitat acres totals 16,000 acres.

# Restore and Protect the Columbia River Basin



## Measure #: Strategic Target SP-53

**National Office Lead:** Region 10

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

## Measure #: Strategic Target SP-54

**National Office Lead:** Region 10

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

### SP-53

	National Commitment
2005 Baseline	n/a
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	0
Universe	400 acres

**2011 Target:** 150 acres

### SP-54

	National Commitment
2005 Baseline	Established at 5 sites
2006 Commitment	n/a
2006 End-of-Year	n/a
2007 Commitment	n/a
2007 End-of-Year	n/a
2008 Target	n/a
Universe	

**2011 Target:** 10%

## National Program Manager Comments:

Target measures (applies to SP-53 and SP-54).