

US EPA ARCHIVE DOCUMENT

# Protect Coastal and Ocean Waters



**Subobjective:** Improve national and regional coastal aquatic ecosystem health on the “good/fair/poor” scale of the National Coastal Condition Report. (Rating is a 5-point system in which 1 is poor and 5 is good.)

2002 Baseline: “fair/poor” or 2.4      **2005 Commitment: 2.5**      2008 Target: 2.6

## Strategic Targets:

-- Maintain water clarity and dissolved oxygen in coastal waters at the national levels reported in the 2002 National Coastal Condition Report.

2002 Baseline: 4.3 for water clarity; 4.5 for dissolved oxygen

**2005 Commitment: Maintain**

2008 Target: Maintain

-- Improve ratings reported on the national “good/fair/poor” scale of the National Coastal Condition Report for:

- Coastal wetlands loss:

2002 Baseline: 1.4      **2005 Commitment: 1.5**      2008 Target: 1.6

- Contamination of sediments:

2002 Baseline: 1.3      **2005 Commitment: 1.4**      2008 Target: 1.5

# Protect Coastal and Ocean Waters



- Benthic quality:  
2002 Baseline: 1.4      **2005 Commitment: 1.5**      2008 Target: 1.6
  - Eutrophic conditions:  
2002 Baseline: 1.7      **2005 Commitment: 1.8**      2008 Target: 1.9
- Working with the National Estuary Program partners, protect or restore additional acres of habitat within the study areas for the 28 estuaries that are part of the NEP.
- 2002 Baseline: 0 acres restored      **2005 Commitment: 25,000**      2008 Target: 250,000  
acres

# Improve Coastal and Ocean Waters



## Measure #: 73

**National Office Lead:** ORD/OWOW

**Measure Description:** Publish a revised national Coastal Condition Report describing the quality of the Nation's ocean and coastal waters.

## Measure #: 76

**National Office Lead:** OWOW

**Measure Description:** Each year, the National Marine Debris Monitoring Network will be 100% operational.

## Measure #: 77

**National Office Lead:** OWOW/Coast Guard

**Measure Description:** Mandatory requirements to exchange ballast water will be developed to reduce the discharges of invasive species in U.S. coastal waters.

73

	National Commitment
2002 Baseline	n/a
2005 Commitment	1 in 2004
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** 1 (in 2006)

76

	National Commitment
2002 Baseline	70%
2005 Commitment	100%
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** 100%

77

	National Commitment
2002 Baseline	n/a
2005 Commitment	completion
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** n/a

# Improve Coastal and Ocean Waters



**Measure #: 74**

**National Office Lead: OWOW**

**Measure Description:** Number of dredged material management plans that are in place for major ports and harbors developed by COE-Led stakeholder process and the percentage of dredged material from coastal waters that is managed in a beneficial manner.

## Plans in place

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	4	3		3			2	0	15
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	1	2	4	5		5			4	3	24*

**2008 Target: n/a**

## Material Managed in a Beneficial Manner

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
Universe											TBD

**2008 Target: n/a**

## National Program Manager Comments:

Indicator measure

Note:\*This number represents major ports/harbors. There are approximately 110 coastal ports and harbors according to COE estimates. COE estimates a total of 300 commercial harbors and more than 600 smaller harbors in the US.

# Improve Coastal and Ocean Waters



**Measure #: 75**

**National Office Lead: OWOW**

**Measure Description:** Number of ocean disposal sites with approved site management and monitoring plans that are monitored in the reporting year, including those monitored by EPA's Ocean Survey Vessel, Peter W. Anderson.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	2	10		2			2	22	41
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	2	4	2	15		19			10	22	74

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

# Improve Coastal and Ocean Waters



**Measure #: 78**

**National Office Lead: OWOW**

**Measure Description:** Develop standards for the discharge of ballast water, including control of organisms.

**Measure #: 79**

**National Office Lead: OWOW/OIA**

**Measure Description:** Work with other Nations to secure an international agreement on a global treaty that establishes rigorous performance standards designed to prevent future introductions of non-native aquatic species to U.S. waters from the discharge of ships' ballast water.

**Measure #: 80**

**National Office Lead: OWOW**

**Measure Description:** Propose standards for black water and gray water for cruise ships operating in Alaskan waters.

**78**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** Completed in 2008

**79**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** Completed in 2006

**80**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:**  
Completed in 2006 90

# Improve Coastal and Ocean Waters



**Measure #: 81**

**National Office Lead: OWOW**

**Measure Description:** Number of coastal States in which State air and water officials have received training in assessment and management of air/water interface issues (cumulative).

**Measure #: 82**

**National Office Lead: OWOW**

**Measure Description:** Number of coastal States in which there is at least one mercury deposition monitoring station (cumulative).

**81**

	National Indicator
2002 Baseline	17
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	31

**2008 Target: n/a**

**82**

	National Indicator
2002 Baseline	23
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	31

**2008 Target: n/a**



# Improve Coastal and Ocean Waters



**Measure #: 83**

**National Office Lead: IO**

**Measure Description:** Develop improved methods to assess and value ecological and recreation benefits of improvements in water quality.

**Measure #: 84**

**National Office Lead: OST**

**Measure Description:** EPA approved new or revised analytical methods will be available for indicators of bacterial pathogens, and for selected protozoan pathogens of concern for people swimming at beaches and drinking waters.

**Measure #: 85**

**Measure Description:** Number of EPA-approved new or improved analytical methods that will be available for contaminants controlled by the NPDES permit, pretreatment, and drinking water programs.

**83**

	National Commitment
2002 Baseline	n/a
2005 Commitment	tbd
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target: By 2008**

**84**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target: By 2008**

**85**

	National Commitment
2002 Baseline	n/a
2005 Commitment	6
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target: 12**

# Improve Coastal and Ocean Waters



**Measure #: IV-NEP-1**

**National Office Lead: OWOW**

**Measure Description:** Number of NEP priority actions in CCMPs that have been **initiated** and the number that have been **completed**.

## Priority Actions Initiated

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	289	463	214	365	n/a	139	n/a	n/a	250	269	1989

**2008 Target: n/a**

## Priority Actions Completed

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	289	463	214	365	n/a	139	n/a	n/a	250	269	1989

**2008 Target: n/a**

## National Program Manager Comments:

Indicator measure

Note: Baselines to be added by OWOW by November 19<sup>th</sup>.

## Improve Coastal and Ocean Waters



**Measure #: IV-NEP-2**

**National Office Lead: OWOW**

**Measure Description:** Publish an NEP Coastal Condition Report describing the quality of the coastal waters in the 28 estuaries in the NEP using the National Coastal Conditions report indicators as well as NEP specific indicators that can be aggregated to a regional and national level.

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** By 2006

# Improve Coastal and Ocean Waters



**Measure #: IV-NEP-3**

**National Office Lead: OWOW**

**Measure Description:** Return on Federal investment [cumulative dollar amount of resources (cash or in-kind) leveraged by Section 320 funds for all NEPs (for LIS, Sections 119 & 320)].

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	\$6,364,956	\$112,495,124	\$1,950,285	\$17,889,896		\$11,255,090			\$18,009,884	\$19,971,168	187,936,403
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Improve Coastal and Ocean Waters



**Measure #: IV-NEP-4**

**National Office Lead: OWOW**

**Measure Description:** NEPs have indicators in place to track key environmental and other trends in their estuary based on CCMP priorities and emerging issues, including invasive species where appropriate, and to enable each NEP to periodically report on status and trends.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	1	1	1	0	2	0	0	2	1	11
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	5	5	3	6	0	3	0	0	3	3	28

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure.