

US EPA ARCHIVE DOCUMENT

Water Safe to Drink



Subobjective:

Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking-water standards through effective treatment and source water protection.

2002 Baseline: 93.6%

2005 Commitment: 90.8%

2008 Target: 95%

NOTE: See attached table for EPA Regional Commitments

Strategic Targets:

-- Percent of the population served by community water systems that receives drinking water that meets health-based standards for those requirements with which systems need to comply.

As of December 2001:

2002 Baseline: 93.6%

2005 Commitment: 91.8

2008 Target: 95%

NOTE: See attached table for EPA Regional Commitments

As of January 2002 or later:

2002 Baseline: N/A

2005 Commitment: 75.2

2008 Target: 80%

NOTE: See attached table for EPA Regional Commitments

Water Safe to Drink



-- Percent of community water systems that provide drinking water that meets health-based standards for those requirements with which systems need to comply:

As of December 2001:

2002 Baseline: 91.6% **2005 Commitment: 94%** 2008 Target: 95%

As of January 2002 or later:

2002 Baseline: N/A **2005 Commitment: 75%** 2008 Target: 80%

-- Percent of the population served by community water systems in Indian country that receive drinking water that meets all applicable health-based drinking water standards.

2002 Baseline: 91.1% **2005 Commitment: 90%** 2008 Target: 95%

-- Percent of source water areas (both surface and ground water) for community water systems that will achieve minimized risk to public health. (“Minimized risk” achieved by substantial implementation, as determined by the State, of source water protection actions in a source water protection strategy - See measures 10 and 11).

2002 Baseline: 5% **2005 Commitment: 20%** 2008 Target: 50%

Safe Drinking Water

		Baseline	Strategic Target A	Strategic Target B	Subobjective 2.1.1
EPA Region	% of National Population Served by CWSs ¹	% of population served by CWSs meeting all health-based standards (end of year 2002)	% population served by CWSs meeting all health-based standards with which systems need to comply as of Dec 2001 (2005 commitments) ²	% of population served by CWSs meeting all health-based standards with which systems need to comply as of January 2002 or later (2005 commitments) ²	% population served by CWSs to meet all health-based standards (2005 commitments) ²
1	9%	88%	78%	75%	71%
2	6%	81%	80%	70%	80%
3	9%	98%	94%	75%	93%
4	15%	96%	94%	75%	93%
5	12%	94%	95%	80%	95%
6	10%	93%	94%	75%	93%
7	8%	95%	94%	80%	94%
8	12%	97%	95%	75%	94%
9	11%	99%	95%	75%	94%
10	7%	91%	90%	70%	90%
National 05 Total	100%	93.6%	91.8% ³	75.2% ³	90.8% ³
Stated National 05 Goal	100% (273 M)	93.6%	94%	75%	93%

¹ Based on January 2004 SDWIS data.

² 2.1.1 is not an average of Strategic Targets A & B.

³ FY 2005 National Totals are weighted by population.

Water Safe to Drink



Measure #: 1

National Office Lead: OGWDW

Measure Description: Promulgate final Total Coliform/Distribution Systems Rule.

Measure #: 2

Measure Description: Conduct analysis to support determinations whether to regulate contaminants from Contaminated Consolidated List 2.

Measure #: 3

Measure Description: Each year, conduct analysis of currently regulated contaminants to support decisions to revise or not revise existing regulations within and outside the 6-year review cycle.

1

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

2008 Target: Final rule

2

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

2008 Target: By 2006

3

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

2008 Target: n/a

Water Safe to Drink



Measure #: 4

National Office Lead: OGWDW

Measure Description: Federal return on investment [cumulative dollar amount of assistance disbursements to systems divided by cumulative Federal outlays for projects] provided by the Drinking Water Safe Revolving Fund (DWSRF).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	152%	290%	138%	134%	142%	143%	179%	169%	157%	117%	160%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

2008 Target: n/a

National Program Manager Comments:

Indicator measure

Water Safe to Drink



Measure #: 5

National Office Lead: OGWDW

Measure Description: Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the DWSRF.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	72%	90%	91%	78%	72%	61%	76%	80%	53%	79%	75%
2005 Commitment	78%	88%	79%	80%	82%	74.5%	86%	83%	70%	86%	81.0%
2005 Midyear											
2005 End-of-Year											
Universe											

2008 Target: 86%

National Program Manager Comments:

Target measure

Water Safe to Drink



Measure #: 6

National Office Lead: OGWDW

Measure Description: Number of DWSRF projects that have initiated operations (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	204	245	56	242	350	25	131	128	75	82	1,538
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

2008 Target: n/a

National Program Manager Comments:

Indicator measure

Water Safe to Drink



Measure #: 7

National Office Lead: OGWDW

Measure Description: The percentage of DWSRF loan agreements made annually that will return Community Water Systems to compliance.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	12%	61%	56%	19%	13%	54%	23%	23%	61%	37%	36%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

2008 Target: n/a

National Program Manager Comments:

Indicator measure

Water Safe to Drink



Measure #: 8

National Office Lead: OGWDW

Measure Description: Each year, all States will be in compliance with requirement to conduct sanitary surveys at community water systems once every three years, as documented by file audits of a random selection of water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	(83%) ⁵	(100%) ³	(80%) ⁴	(83%) ⁷	(83%) ⁵	(100%) ⁵	(100%) ⁴	(100%) ⁶	(100%) ⁴	(100%) ⁴	92.0%
2005 Midyear											
2005 End-of-Year											
Universe	6	3	5	8	6	5	4	6	4	4	51

2008 Target: 100%

National Program Manager Comments:

Target Measure; fixed annual target 100% of States

Water Safe to Drink



Measure #: 9

National Office Lead: OGWDW

Measure Description: Each year, all Tribal community water systems will have undergone a sanitary survey within the past 3 years.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	n/a	100%	100%	100%	100%	60%	100%	100%	90.0%
2005 Midyear											
2005 End-of-Year											
Universe	0	1	0	1	2	1	1	17	18	7	48

2008 Target: 100%

National Program Manager Comments:

Target measure; annual target is 100% of Tribes
 Headquarters is working with Region 8 to increase the number of tribal sanitary surveys within the region to 100%.
 The universe for tribal community water systems includes the Navajo Nation.

Water Safe to Drink



Measure #: 10

National Office Lead: OGWDW

Measure Description: Percentage of source water areas for community water systems that have source water protection strategies in place (cumulative.)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	18%	4%	6%	2%	12%	2%	3%	15%	2%	12%	8%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe (CWS)	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

2008 Target: n/a

National Program Manager Comments:

Indicator measure

The universe is community water systems (taken from SDWIS 2003 Inventory data) rather than “source water areas.”

Water Safe to Drink



Measure #: 11

National Office Lead: OGWDW

Measure Description: Percentage of source water areas for community water systems that have implemented some aspects of source water protection strategies (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

2008 Target: n/a

National Program Manager Comments:

Indicator measure

The universe is community water systems (taken from SDWIS 2003 Inventory data) rather than “source water areas.”

Water Safe to Drink



Measure #: 12

National Office Lead: OGWDW

Measure Description: Number of Tribal water systems that have completed a source water assessment consistent with national guidelines.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											n/a*
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	1	8	0	14	80	45	9	107	255	77	596
Navajo Nation											154
Total Universe											750

2008 Target: n/a

National Program Manager Comments:

Indicator measure

*The 2004 Baseline for this measure is not yet available.

The universe of tribal community water systems for this measure is taken from FY2003 SDWIS Inventory data.

Water Safe to Drink



Measure #: 13

National Office Lead: OGWDW

Measure Description: Percentage of community water systems with source waters classified as high, moderate, or low for risk susceptibility.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear (high)											
2005 Midyear (mod)											
2005 Midyear (low)											
2005 EOY (high)											
2005 EOY (mod)											
2005 EOY (low)											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

2008 Target: n/a

National Program Manager Comments:

Indicator measure

The universe of community water systems is taken from SDWIS 2003 Inventory data.

Sixteen states have reported data for this measure; sufficient data to form a baseline are currently unavailable.

Water Safe to Drink



Measure #: 14

National Office Lead: OGWDW

Measure Description: Percentage of community water systems for which delineated source water areas will be available in a GIS digitized format using agreed upon data management protocols.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											*n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

2008 Target: n/a

National Program Manager Comments:

Indicator measure
 *At this time, sufficient data to develop a baseline are unavailable.

Water Safe to Drink



Measure #: 15

National Office Lead: OGWDW

Measure Description: Each year, identify at the State level the most prevalent and threatening categories of existing/potential sources of contamination for surface and ground water for community water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	6	3	5	8	6	5	4	6	4	4	51

2008 Target: n/a

National Program Manager Comments:

Indicator measure

Water Safe to Drink



Measure #: 16

National Office Lead: OPPTS

Measure Description: Percentage of the 31 pesticides identified in 2002 as having a high leaching/persistence potential will be reassessed by the Office of Pesticide Programs and appropriate additional management controls (e.g. revised label restrictions, limited use in sensitive areas, additional monitoring) will be implemented.

Measure #: 21

National Office Lead: OGWDW/OST

Measure Description: Identify waters used by community water systems as a source of drinking water for which States/Tribes, have wherever attainable, adopted water quality standards with public water supply as a designated use, or for which States/Tribes have adopted water quality standards that provide an equivalent level of human health protection. (Note: “An equivalent level of human health protection” refers to the MCL, or to the section 304 (a) human health criterion water plus organism value.)

16

	National Commitment
2002 Baseline	77%
2005 Commitment	90%
2005 Midyear	
2005 End-of-Year	
Universe	31(100%)

2008 Target: 100%

21

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

2008 Target: 2005 completion

Water Safe to Drink



Measure #: 17, 1 of 4

National Office Lead: OGWDW

Measure Description: Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	n/a	100%	80%	100%	98%	90%	85%	100%	100%	94%
2005 Midyear											
2005 End-of-Year											
Universe	0	0	10	164	54	182	50	58	16	7	541

2008 Target: 100%

National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. R1 and R2 do not have class I wells.

Water Safe to Drink



Measure #: 17, 2 of 4

National Office Lead: OGWDW

Measure Description: Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	95%	80%	100%	98%	90%	85%	90%	100%	93%
2005 Midyear											
2005 End-of-Year											
Universe	0	543	2588	4421	13964	70733	17001	7527	23264	1088	141129

2008 Target: 100%

National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 does not have Class II wells.

Water Safe to Drink



Measure #: 17, 3 of 4

National Office Lead: OGWDW

Measure Description: Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	100%	80%	100%	98%	90%	85%	100%	n/a	94%
2005 Midyear											
2005 End-of-Year											
Universe	0	125	45	4	106	4629	2851	10332	227	0	18319

2008 Target: 100%

National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 & Region 10 do not have Class III wells.

Water Safe to Drink



Measure #: 17, 4 of 4

National Office Lead: OGWDW

Measure Description: Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	100%	100%	95%	80%	96%	98%	90%	85%	50%	75%	87%
2005 Midyear											
2005 End-of-Year											
Universe*	10281	34192	42469	89435	42755	23190	14328	23101	23128	83037	385916

2008 Target: 100%

National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

*Universe is FY 2003 UIC Inventory data from UIC Grants Program Database. Complete universe of Class V Wells is unknown. 1999 National Estimate is 500,000 - 650,000.

Water Safe to Drink



Measure #: 18

National Office Lead: OGWDW

Measure Description: Percentage 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
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	100%	100%	100%	100%	9%	99%	90%	75%	75%	20%	77%
2005 Midyear											
2005 End-of-Year											
Universe*											

2008 Target: 100%

National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline/universe

*Complete universe of Class V Wells is unknown. 1999 National Estimate is 500,000 - 650,000. MVWD Wells are a subset of Class V Wells

Water Safe to Drink



Measure #: 19

National Office Lead: OGWDW

Measure Description: Percentage of ground water-based source water areas for Community Water Systems that have a Class V survey completed.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	2,211	2,616	3,481	7,368	6,172	6,181	3,404	2,340	3,895	2,831	41,499

2008 Target: n/a

National Program Manager Comments:

Indicator measure

At this time sufficient data to develop a baseline are unavailable. The universe of ground water-based community water systems is taken from FY2003 SDWIS Inventory data.

Water Safe to Drink



Measure #: 20

National Office Lead: OGWDW

Measure Description: Percentage increase in the number of inspections conducted for **Class II** and Class V wells above a 2004 baseline.

Class II

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	0%	1%	1%	1%	0%	2%	0%	2.5%	0%	0.8%
2005 Midyear											
2005 End-of-Year											
Universe	0	543	2,588	4,421	13,964	70,733	17,001	7,527	23,264	1,088	141,129

2008 Target: 10%

Class V

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	0%	0%	2%	1%	0.5%	0%	2%	0%	1.5%	0%	0.7%
2005 Midyear											
2005 End-of-Year											
Universe	10,281	34,192	42,469	89,435	42,755	23,190	14,328	23,101	23,128	83,037	385,916

2008 Target: 10%

National Program Manager Comments:

Target measure

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 does not have Class II wells.

Water Safe to Drink



Measure #: 22

National Office Lead: OST

Measure Description: EPA will complete phase I of the partial recalculation of human health criteria using the new human health methodology.

Measure #: 23

National Office Lead: OGWDW/OST

Measure Description: Each year, EPA will identify critical drinking water contaminants of concern in surface waters and issue new or revised human health criteria under section 304 (a) of the CWA.

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

2008 Target: N/A

23

	National Commitment
2002 Baseline	n/a
2005 Commitment	3
2005 Midyear	
2005 End-of-Year	
Universe	n/a

2008 Target: 12

Water Safe to Drink



Measure #: 24

National Office Lead: OGWDW/OST

Measure Description: Percentage of surface waters that are used as a drinking water source by community water systems that have, wherever attainable, water quality standards with public water supply as a designated use or will have water quality standards that provide an equivalent level of human health protection.

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

2008 Target: TBD in 2005

National Program Manager Comments:

Target measure

Note: Baseline to be determined in 2005 based on analysis conducted under targets to be determined based on baseline.

Water Safe to Drink



Measure #: 25

National Office Lead: OGWDW/OWOW

Measure Description: Percent of surface waters that are: 1) designated for public water supply use; and 2) classified by States as highly or moderately susceptible to contamination that are monitored annually for attainment with human health water quality standards for drinking water contaminants. [Baseline TBD in 2005.]

2008 Target: n/a.

Measure #: 26

National Office Lead: OGWDW/OWOW

Measure Description: Percent of surface waters that are: 1) designated by states as highly vulnerable to contamination; 2) designated for public water supply use; and 3) impaired due to non-attainment of human health water quality standards, that have a completed TMDL. [Baseline TBD in 2005].

2008 Target: n/a.

Measure #: 27

National Office Lead: OGWDW/OWOW

Measure Description: Percent of waters that are: 1) designated by states as highly vulnerable to contamination; 2) designated for public water supply use; and 3) have a completed TMDL, that are attaining human health water quality standards for drinking water contaminants. [Baseline TBD in 2005].

2008 Target: n/a.