

US EPA ARCHIVE DOCUMENT

**NATIONAL WATER PROGRAM
PROGRAM ACTIVITY MEASURES (PAMs)
PROPOSED FY 2006 - FY 2007 TRANSITION
APRIL 25, 2006**

{NOTE: T = Target Measure; I = Indicator Measure; HQ = Headquarters reports; R = Regions report}

FY 06 PAMs	FY 07 PAMs	COMMENTS/CHANGE (between FY 06 and FY 07 PAMs)
DRINKING WATER/SDW		
SDW-1: Develop new drinking water rules per schedule in guidance (I; HQ)		DROP
SDW-2: Identify critical drinking water contaminants and issue new criteria under CWA (T; HQ)		DROP
SDW-3: Sanitary surveys (T;R)	SDW-1:	EDIT: track community water systems rather than States; clarify 3-5 year schedules; track State/Tribes separately
SDW-4: Tribal sanitary surveys (T; R)		COMBINE with FY 07 PAM # SDW-1
	SDW-2: % of data re: health based violations that is accurate and complete (I; HQ)	ADD
	SDW-3: % of lead and copper rule action level data for CWS >3,300 that is complete (I; HQ)	ADD

	SDW-4: % CWS, and non-transient non-community water systems, with a 90 th percentile value at/below lead action level (I; HQ)	ADD
	SDW-5: % of “person months” (population served times 12) during which CWS provide drinking water meeting all standards (I; R)	ADD
SDW-5: DWSRF Fund utilization rate (T; R)	SDW-6:	SAME
SDW-6: DWSRF projects initiated operations (I; R)	SDW-7:	EDIT: # of projects initiated is a target measures; new element of measure re: # projects that return systems to compliance is an indicator
SDW-7: Develop security metrics (T; HQ)		DROP: To be accomplished in FY 06; measurement under new measure begins in FY 08
SDW-8: Security early warning pilots (T; HQ)	SDW-8:	SAME
SDW-9: Source water strategies in place and being implemented (T; R)		DROP: Addressed by Strategic Target F
SDW-10: Tribal source water assessments (I; R)		DROP: Expected to be accomplished in FY 06
SDW-11: Most prevalent sources contamination (I; R)		DROP

SDW-12: UIC wells in violation that are addressed (class I, II, III, V) (T; R)	SDW-9:	EDIT: class V universe of “inventoried” wells
SDW-13: Class V Motor Vehicle wells closed/ permitted (T; R)	SDW-10:	SAME
SDW-14: Class I/II/II wells that maintain integrity (I; R)	SDW-11:	SAME
SDW-15: High priority class V wells closed or permitted (I; R)	SDW-12:	SAME
SDW-16: Identify sources of drinking water without public water supply designation under CWA (T; HQ)		DROP: Accomplished
SDW-17: % surface waters used for drinking water with public water supply designation (T; R)	SDW-13:	EDIT: % of CWS intakes using source water designated for a drinking water use; indicator; HQ reports data by Region
SDW-18: % surface waters used for drinking monitored biennially (T; R)	SDW-14:	EDIT: % of CWS intakes for which source water assessed for drinking water use during the most recent reporting cycle; Indicator; HQ reports data by Region
SDW-19: % of impaired surface waters used for drinking that have a TMDL and % of waters restored (T; R)	SDW-15:	EDIT: completion of TMDLs for impaired surface waters used for drinking water and restoration of these waters reported separately; Indicator measure; HQ reports data by Region
SAFE FISH/SHELLFISH (FS)		
FS-1: # States and Tribes that have adopted new mercury criteria) (I; HQ report of data by Region)	FS-1:	SAME: States and Tribes reported separately

FS-2: % river miles and lake acres assessed to support consumption advisory (T; HQ report of data by Region; HQ target only)	FS-2:	SAME: Miles and acres reported separately
FS-3: # State and Tribal fish advisory programs consistent with EPA guidance (I; HQ report of data by Region)		DROP; expected to be accomplished
SAFE SWIMMING (SS)		
SS-1: EPA to publish pathogen criteria for recreational waters (T; HQ)		DROP
SS-2: # States/Territories and Tribes that have adopted current pathogen criteria for non-coastal recreational waters (I; R)	SS-1:	SAME: States/Territories and Tribes reported separately
SS-3: % CSO permits with schedules in place to implement approved LTCPs (T; R)	SS-2:	EDIT: report # as well as national %
SS-4: # States that have adopted voluntary septic management guidelines (I; R)	SS-3	SAME
SS-5: % significant beaches monitored and managed under the BEACH Act (T; R)	SS-4:	SAME
WATER QUALITY/WATERSHEDS (WQ)		
WQ-1: # new/revised criteria documents (T; HQ)	WQ-1:	SAME
WQ-2: # States on schedule to adopt nutrient criteria (T; R)	WQ-2:	EDIT: add # States/Territories that have adopted approved nutrient criteria

WQ-3: # States adopting biological criteria (T; R)	WQ-3:	SAME
WQ-4: # Tribes with water quality standards approved (T; R)	WQ-4:	SAME
WQ-5: # States/Territories and authorized Tribes that have completed a review of standards within three years (I; R)		DROP
	WQ-5: # States, territories and authorized Tribes that have, within the past 3 years, submitted water quality criteria based on new information (T; R)	ADD; PART: States and Tribes reported separately
WQ-6: % State/Tribal standards fully or partially approved/disapproved within 150 days (T; R)	WQ-6:	EDIT: add Territories; drop “partially” but add “partial approvals receive fractional credit;” drop within 150 days
WQ-7: # States that have adopted and are implementing monitoring strategies on established schedules (T; R)	WQ-7:	SAME
	WQ-8: See FY 06 PAM WQ-10 Tribal Monitoring Strategies	EDIT: track both Tribes implementing monitoring strategy and reporting data to EPA
	WQ-9: % of US waters assessed using statistically valid methods (T; HQ)	ADD
WQ-8: # States providing integrated assessments of water quality under 303(d) and 305(b) (T; R)	WQ-10:	SAME
WQ-9: # States reporting monitoring information using the Assessment Database (T; R)	WQ-11:	SAME

WQ-10: # Tribes that have developed monitoring strategies and report data to EPA (T; R)	(See # WQ-8 above)	MOVE to FY 07 PAM WQ-8: EDIT: drop reference to reporting of data to EPA; replace "developed" with "adopted and begun implementing"
WQ-11: # EPA approved analytic methods newly available this year (T; HQ)	WQ-12:	SAME
WQ-12: % TMDLs on pace with State schedules (T; R)	WQ-13:	EDIT: Report # and national %; total TMDLs and State developed TMDLs reported separately
WQ-13: # TMDLs for impaired waters which affect Tribal waters where the Tribe has participated in the TMDL (T; R)	WQ-14:	EDIT: Change to Indicator
WQ-14: Annual reduction in nutrients (nitrogen, phosphorous, sediment) from nonpoint sources (I; R)	WQ-15:	EDIT: Change Indicator to Target because of PART; pollutants reported separately; HQ reports
WQ-15: # NPS impaired waters restored (I; R)	WQ-16:	EDIT: Change Indicator to Target because of PART; HQ reports data by Region
WQ-16: # and \$ of SRF projects for NPS (I; R)		DROP
WQ-17: % NPDES programs assessed for integrity and % complying with follow-up actions (I; R)	WQ-17:	EDIT: drop % NPDES programs assessed; track # of follow-up actions completed
WQ-18: % NPDES permits current (T; R)	WQ-18:	EDIT: % all non-tribal permits and % tribal permits; non-tribal and tribal reported separately
WQ-19: % CAFOs covered by a permit (I; R)		DROP: see new # WQ-21

WQ-20: % States/Regions issuing Phase II stormwater permits for municipalities/ construction: NOTE; 2 reports (T; R)		DROP
	WQ-19: % Phase I/II stormwater permits that are issued and current for: – industrial general permits – construction general permits – MS-4 general and individual permits (T; R)	ADD; 3 separate reports
	WQ-20: # facilities covered by individual or general permit: # MS4s; # industrial stormwater facilities; # construction stormwater facilities; and # CAFOs (I: R)	ADD; 4 separate reports
WQ-21: % pretreatment SIUs/CIUs that have control mechanisms in place; NOTE: 2 reports (I; R)	WQ-21:	EDIT; delete “known” from reference to categorical user; SIU element is a target measure
WQ-22: # pounds reduced annually from all NPDES permits (I; HQ)		DROP
	WQ-22: # major dischargers in significant noncompliance at any time during the fiscal year (T) and number on impaired waters (I); HQ reports data by Region)	ADD; PART measure; 2 reports
	WQ-23: # and national % of major POTWs that comply with permitted discharge standards (T; HQ)	ADD: PART measure
WQ-23: CWSRF fund utilization rate (T; R)	WQ-24:	SAME

WQ-24: CWSRF return on Federal investment (I; R)		DROP
	WQ-25: Number of waterbodies restored/improved or protected per million \$ of CWSRF (T; HQ)	ADD: PART; restored/improved and protected reported separately
	WQ-26: EPA to develop and begin implementing a strategy for promoting sustainable management practices (I; HQ)	ADD
WQ-25: SRF programs developing outcome/output measures (I; R)		DROP; to be completed in FY 06
WQ-26: # approved standards supporting a watershed approach (I; R)		DROP
WQ-27: # watershed based plan (and miles/acres covered) supported by NPS programs since 2002 that are substantially implemented (T; R)	WQ-27:	EDIT: Indicator in FY 07
WQ-28: # Tribes that have developed and begun to implement watershed based plans (I; R)	WQ-28:	SAME
WQ-29: Scheduled high priority permits that are current (T; R)	WQ-29:	EDIT: States, EPA non-Tribal, and Tribal high priority permits reported separately
WQ-30: # dischargers with permits providing for trading and # trades carried out (I; R)	WQ-30:	SAME: NOTE; 2 reports; dischargers with permits providing for trading is a Target measure
WQ-31: # watersheds with watershed permits and # States using rotating basin approach (I; R)	WQ-31:	EDIT: drop reference to rotating basis approach

WQ-32: # States using integrated planning system (T; R)		DROP
	WQ-32: # Impaired watersheds where water quality conditions improve (I; R)	ADD: NOTE: same as new watershed measure proposed for revised Strategic Plan
WQ-33: # impaired segments for which planning is complete (I; R)	WQ-33:	SAME
COASTAL/OCEAN PROTECTION (CO)		
CO-1: Publish coastal condition report (T; HQ)	CO-1:	SAME
CO-2: % operation of marine debris network (T; HQ)		DROP
CO-3: # coastal states in which there is at least 1 mercury monitoring station (I; R)		DROP
	CO-2: # coastal waterbody impairments restored (I; R)	ADD
CO-4: HQ to publish condition report for NEPs (T; HQ)		DROP
	CO-3: # coastline miles protected from vessel sewage by no discharge zones (I; R)	ADD
	CO-4: # impaired waters restored in NEP areas (I; R)	ADD
CO-5: # NEP priority actions initiated/completed (I; R)	CO-5:	SAME; actions initiated and actions completed reported separately

CO-6: NEP return on Federal investment (I; R)	CO-6:	EDIT: report only primary leverage
CO-7: # dredged material plans in place and % material used in a beneficial manner (I; R)	CO-7:	EDIT: drop reference to % material used in beneficial manner
CO-8: # ocean disposal sites with approved site mgt plans and # sites monitored each year (I; R)	CO-8:	EDIT; refer to “active” sites only; drop reference to # ocean disposal sites with approved mgt plans; add reference to # sites where corrective action initiated; reported separately
	CO-9: # of active dredge material disposal sites achieving environmental acceptable conditions (I; R)	ADD
CO-9: HQ to work with Coast Guard to develop CG standards for ballast water (I; HQ)		DROP
CO-10: HQ work for effective international control of ballast water (I; HQ)		DROP
CO-11: HQ to propose new standards for black/gray water for cruise ships in AK. waters (T; HQ)		DROP
WETLANDS (WT)		
WT-1: Wetlands addressed by EPA under President’s goal (T; HQ)	WT-1:	SAME
WT-2: # States/Tribes that have achieved net gain through building capacity (I; R)	WT-2:	SAME: 2 reports (States and Tribes); refer to built capacity rather than net gain

WT-3: # wetlands/stream corridor projects supported by EPA (I; R)	WT-3:	SAME; 2 reports (States and Tribes)
WT-4: # States where wetland condition improved through biological metrics (T; R)	WT-4:	SAME
MEXICO BORDER (MB)		
	MB-1: # homes provided with access to safe drinking water (I; HQ)	
	MB-2: # homes provided with access to wastewater sanitation (I; HQ)	
GREAT LAKES (GL)		
GL-1: % NPDES permits reflecting Great Lakes guidance water quality standards (T: GLPO)	GL-1:	SAME
GL-2: % CSO permits consistent with CSO policy (T; GLPO)	GL-2:	SAME
GL-3: Sediment remedial actions completed (T; GLPO)	GL-3:	SAME
GL-4: % high priority beaches monitored and managed under BEACH Act (T; GLPO)	GL-4:	SAME
CHESAPEAKE BAY		
CB-1 Reduce nutrient discharges to the Bay (Nitrogen/Phosphorus) (T: CBPO)	CB-1:	EDIT: express as % of point source reduction goal achieved

CB-2: # miles of streambank/shoreline restored with buffers (T: CBPO)	CB-2:	EDIT: % of forest buffer planting goal achieved
CB-3: Wetlands Restored (T: CBPO)		DROP
CB-4: Watershed Management Plans implemented (T; CBPO)		DROP
GULF OF MEXICO		
GM-1: % impaired segments in 12 priority areas restored (T; GMPO)	GM-1:	SAME
GM-2: # additional acres coastal habitat protected (T: GMPO)	GM-2:	SAME
GM-3: Early warning system for HABs (T; GMPO)	GM-3:	EDIT: to reflect rate of involvement of Gulf States
GM-4: Reduce rate of shellfish illness (T; GMPO)	GM-4:	SAME
GM-5: Establish Lower Mississippi River Sub Basin Committee (T; GMPO)		DROP

**SUMMARY OF CHANGES: PROGRAM ACTIVITY MEASURES
FY 2006 TO FY 2007**

TOTAL PAMs BY SUBOBJECTIVE	FY 06	FY 07	NET CHANGE	Target PAMs 07	Indicator PAMs 07	HQ Reports 07	Region Reports 07
Drinking Water:	19	15	- 4	6	9	7	8
Fish/Shellfish	3	2	- 1	1	1	1	1
Swimming:	5	4	- 1	2	2	-	4
Water Quality:	33	34	-	24	9	8	25
Coastal/Ocean:	11	9	- 2	1	8	1	8
Wetlands:	4	4	-	2	2	1	3
Total National PAMs	75	67	- 8	36	31	18	49 (T=25)
Mexico Border:	0	2	2	-	2	2	-
Great Lakes:	4	4	-	4	-	-	-
Chesapeake Bay:	4	2	- 2	2	-	-	-

Gulf of Mexico:	5	4	- 1	4	-	-	-
Total Great Waterbodies PAMs	13	12	- 1	10	2	2	-
OVERALL TOTAL	88	79	- 9	46 (55 in 06)	33 (33 in 06)	20 (20 in 06)	49 (55 in 06)
Added PAMs		17					
Deleted PAMs		26					