

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
		GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE	GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE	
		Objective 1.1 Healthier Outdoor Air	Objective 1.1 Healthier Outdoor Air	
		Sub-Objective 1.1.1 More People Breathing Cleaner Air	Sub-Objective 1.1.1 More People Breathing Cleaner Air	
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Initiatives to Further Control Ground Level Ozone & Fine PM (Heading)	
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Make air quality related data available to the public	ongoing
PPA	1	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	In order to provide public real-time air quality information, continue to submit ozone and PM2.5 data and ozone and PM2.5 forecasts to the Data Management Center.	ongoing
PPA	2	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Participate in Northeast Diesel Collaborative to advance state and regional programs to reduce diesel emissions	Participated in bi-monthly NEDC calls to coordinate regional diesel reduction efforts and promoted regional projects for diesel retrofits.
PPA	3	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Ozone Attainment Plans: Participate in OTC attainment planning to develop coordinated regional modeling and ozone attainment plans.	Participated in all OTC Committee and Work Group forums (conference calls, meetings, stakeholder work shops); chaired the OTC Modeling Committee (monthly policy calls, technical work shops); participated in monthly OTC Air Director and Commissioner conference calls; attendance at the Nov.06, March 07 and June 07 OTC meetings; made presentations on the modeling results at these meetings
PPA	4	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit a final 2002 SIP inventory for Massachusetts' no attainment areas. Collect and submit to EPA 2005 annual emissions data from point sources.	A draft 2002 Base Year Inventory (data and narrative) was posted in our web site in June 2006 and was available for review through Nov 07. Subsequent to June 2006, pursuant to the OTC regional planning process (which used a regional inventory), we revised our inventory methodology for certain categories to be consistent with other OTC states. The final 2002 Base Year inventory is part of the 12/07 proposed Ozone Attainment SIP. 2005 point source data was submitted to EPA in 12/07. The Final SIP, including the inventory will be submitted in January 2008
PPA	5	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	CAIR: Develop CAIR rules and submit to EPA by September 2006 or submit abbreviated CAIR SIP by March 2007.	Public hearings were held in Feb. 2007 and we submitted our final MassCAIR regulation and SIP by EPA's March 30 deadline. (EPA formally approved our regulation and SIP on December 3, 2007.)

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PPA	6	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit 8-hr ozone NAAQS modeled control strategies.	DEP staff participated in the OTC modeling and control strategy committees that developed the regional attainment modeling for the 8 hour Ozone National Ambient Air Quality Standards (NAAQS); it demonstrates that MA will attain the ozone standard by 2009. The modeling was completed in April-May 2007. We submitted a draft of the modeling attainment demonstration section of the ozone SIP to EPA on June 27, 2007. The complete proposed ozone attainment SIP was issued for public hearing in Dec 07.) The SIP, with the modelling that shows that the 8 hour ozone standard will be attained will be submitted to EPA in January 2008
PPA	7	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Develop regulation based on OTC model rules for portable fuel containers.	Decided not to adopt state regulation since EPA promulgated adequate national rule.
PPA	8	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Revise existing MA regulations for consumer products and architectural industrial maintenance(AIM) coatings to be consistent with OTC model rules.	Public hearings on revised consumer products and AIM coatings rule were held in Feb. 2007. Final revisions promulgated in October 2007.
PPA	9	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Revise existing MA regulations for solvent cleaning to be consistent with OTC model rules.	Developed internal draft of solvent cleaning rule; Expect promulgation late 2008
PPA	10	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit a RACT SIP for applicable VOC and NOx sources by September 2006.	Prepared a draft RACT SIP in 2006 but did not issue it for public hearing and submittal by 9/06. The RACT SIP analysis is now part of the proposed ozone attainment SIP. Final SIP to be submitted to EPA January 2008
PPA	11	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit draft and final RFP SIPs for each ozone nonattainment area. Final RFP SIPs are due by June 2007.	A draft of the Reasonable Further Progress (RFP) analysis demonstrating 15% reductions by 2008 was submitted to EPA for informal review in May 2007. EPA comments were addressed. The RFP demonstration is one section of the 8-hour ozone attainment SIP issued for hearing in Dec. 07. SIP to be submitted to EPA January 2008
PPA	12	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit final ozone attainment plans by June 2007.	On June 15, 2007, we submitted to EPA the 2002 Base Year Inventory portion of the ozone attainment SIP and a proposed schedule for completion of other 8-hour ozone standard SIP requirements. Final attainment SIP was not submitted by June 15 due date. Proposed ozone attainment SIP was issued for public hearing in Dec 07. Final SIP will be submitted in January 2008

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PPA	14	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Process conformity determinations for ozone and CO nonattainment and maintenance areas	MassDEP reviewed annual conformity findings of the MA metropolitan planning organizations to ensure transportation programs and projects are consistent with and support the goals of the SIP.
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Identify and implement the additional reductions in NOX and VOC emissions needed to attain ambient ozone standard	Identification of additional controls to reduce VOC and NOx was accomplished through the OTC regional planning process and EPA's CAIR. We have promulgated regulations to implement some of these measures, including MassCAIR (final 3/07) and AIM/Consumer Products (final 10/07). Regulations for other measures are under development as of 9/30.
PPA	15	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit letter to EPA clarifying implementation of OBD2 SIP.	Submittal planned for March 2008
PPA	16	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Complete and submit annual I/M reports to EPA.	06 annual report submitted in August 2007, on schedule; '07 report not due until 7/08
PPA	17	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Submit SIP showing that MA does not significantly contribute to nonattainment or maintenance problems for the PM2.5 NAAQS in downwind states. (EPA has issued technical and policy guidance that MA can use to make this demonstration.)	Transport SIP draft was provided to EPA Region 1 for review in August. It demonstrates that, with the implementation of the MassCAIR rule, emissions from MA will not contribute to ozone or PM 2.5 nonattainment in other states. Transport SIP was issued for public hearing in Dec. 07.
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Interstate transport of air pollutants: Work on Northeast/Midwest States collaboration to control	Participation in the monthly OTC/MidWest Collaborative Conference calls
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Ensure that emissions from mobile air pollution sources are adequately controlled through transportation control planning,	Duplicate of PPA item #14 above " <i>Process conformity determinations for ozone and CO nonattainment and maintenance areas</i> "
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Regional Haze	Initiatives to Control Regional Haze (Heading)	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	18	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Regional Haze	Participate in the northeast regional haze planning organization Mid-Atlantic and Northeast States Visibility Union (MANE VU).	Participation in the Technical Support Committee conference calls and meetings; stakeholder meetings; monthly Air Director meetings; annual science work shop; MANE-VU Board meeting; input into identification of additional reasonable strategies for controlling the pollutants that cause regional haze that could achieve the desired reductions on a faster timetable than that have been identified as providing a straight line rate of progress toward the reduction goal (primarily the ozone attainment strategies implemented through the CAIR SIP) and development of consultation process to ask other regions to provide comparable emission reductions
PPA	19	Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Regional Haze	Based on MANE VU template, develop regional haze SIP, with BART provisions, for submittal to EPA by December 2007.	Worked with NESCAUM and MARAMA on developing the SIP template that will be used in the regional haze SIP
		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Title V / NSR Permits	Title V / NSR Permits (Heading)	
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Issue permits that limit emissions of air pollutants at major and minor sources of air pollution	BWP approved 155 permits, denied 1 permit and determined that 6 were unnecessary. An addition 12 permits were withdrawn by the applicant
PPA	20	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Respond to EPA's comments on state's NSR equivalency demonstration, if necessary.	ongoing
PPA	21	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Complete issuance of initial Title V permits and ensure timely submittal by sources of Title V renewal applications and timely issuance of permit renewals (barring factors outside MassDEP's control)	ongoing: data will be provided to EPA January 31, 2008 per reporting requirements
PPA	22	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Issue 94 per cent of significant Title V operating permit revisions within 18 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)	ongoing: data will be provided to EPA January 31, 2008 per reporting requirements
PPA	23	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Issue 87 per cent of Title V operating permits within 18 months of receiving a new complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)	ongoing: data will be provided to EPA January 31, 2008 per reporting requirements
PPA	24	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	75 Percent of major NSR permits are issued within 12 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control).	There is one active permit application at present

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	25	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Cooperate with EPA in its title V permit program evaluation. Respond and implement within 90 days EPA's recommendations, as warranted.	Complete- Final report issued in September 2006. EPA recognized MassDEP for a number of good practices including creating boilerplate permit language and getting EPA review prior to writing any permits, the development of an operating permit reporting kit which provides instructions and forms to facilitate compliance and open discussions with applicants along with mandatory site visits to understanding by sources and MassDEP permitting staff.
PPA	26	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Staff from MassDEP and US EPA-Region 1 will collaboratively work together to put in place an agreement whereby whenever MassDEP issues a new minor source plan approval under 310 CMR 7.00 to a source that has previously been issued a PSD permit by the Commonwealth, MassDEP would be responsible for drafting and submitting to US EPA-Region 1 provisions updating that source's PSD permit to make the PSD permit provisions consistent with the requirements of the newly issued- MassDEP plan-approval and whereby EPA-Region I will process the source's application for a PSD permit modification based on MassDEP's minor source plan approval. The list of sources subject to this agreement are those had been issued PSD permits previously by MassDEP and is identified in a June 17, 2003 Federal Register notice.	MassDEP did try to work collaboratively with US EPA, but the results were mixed. We returned \$25K in 105 funds to allow EPA to hire help and to pay the administrative costs associated with process PSD permits. During this period, there were 3 projects to my knowledge that needed a modification to their PSD permit. One withdrew after receiving MassDEP approval (MassPower); another is still in process; and one was issued.
PPA	27	Sub-Objective 1.1.1 More People Breathing Cleaner Air -Title V and NSR Permits	Make timely submittals to EPA's RACT, BACT, LAER Clearinghouse.	Have not updated system.
		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants	
		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Initiatives to further control Air Toxics (Heading)	
PPA	28	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Continue delegation and implementation of toxic requirements under section 112, 129, and 111(d), as appropriate, for major sources rules, area source rules, and residual risk rules.	Accepted delegation for all applicable section 112 Maximum Achievable Control Technology (MACT) standards that EPA referred to us. Under section 129 and 111(d), we have not amended the 7.08(2) MACT standard for large "Municipal Waste Combusters"(MWC) in response to EPA amendments and we have not responded to "Commercial and Industrial Solid Waste Incineration" (CISWI) and "Other Solid Waste Incineration" requests. We have no sources subject to Emission Guideline for either existing standard, but will when EPA amends regulations in response to the fact that the courts partially vacated the existing regulations.

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PPA	29	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Explore strategies to reduce human health risks indicated by state and national air toxics assessment analyses. Mechanisms include participation in NESCAUM Public Health Subcommittee and ongoing community efforts to reduce risk.	MassDEP received applications for hg monitoring plans from Salem Harbor, Brayton Point, and Mount Tom
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Redesign of the asbestos control program for renovation and demolition program	Reviewed conceptual model of redesign with the Commissioner's office. Coordinated redesign with Division of Occupational Safety in the Department of Labor
PPA	30	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Work to implement strategies under mercury action plan.	Implemented the Dental Certification program, started implementation of the Mercury Act, and the new mercury emissions restrictions on the large power plants
PPA	31	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	By December 2006, submit section 111(d) plan for mercury emissions from power plants.	Held public hearings in Nov. 2006; submitted final plan and revised regulations in May 2007.
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Implement the asbestos control program construction and demolition projects	BWP processed 1953 demolition notices and 15,172 asbestos removal notices, conducted 673 inspections and issued 23 Higher Level (orders, fines, penalties) and 1 Lower Level (Notice of Non Compliance) enforcement actions
PPA	32	Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Evaluate what efforts can be made in preparing 2005 Emission Inventories for Hazardous Air Pollutants.	Deferred action until completion of outstanding SIP revisions due to staffing shortfalls
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Diesel Strategy Development	NESCAUM project on ability to reach 75% reduction in PM completed in November 2007
MassDEP		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants-- Air toxics	Complete issuance of plan approvals for Hg emissions at power plants	MassDEP has received applications for Hg monitoring plans from Salem Harbor, Brayton Point, and Mount Tom, but has used enforcement discretion to postpone deadlines for the Mercury Emission Control Plans to coincide with the requirement to submit and receive plan approval for the new CO2 emission limits.
		Objective 1.2 Healthier Indoor Air	Objective 1.2 Healthier Indoor Air	
		Sub-Objective 1.4.2 Maintain Emergency Response Readiness	Sub-Objective 1.4.2 Maintain Emergency Response Readiness	
PPA	34	Sub-Objective 1.4.2 Maintain Emergency Response Readiness	EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
		Objective 1.5 Reduce Greenhouse Gas Intensity	Objective 1.5 Reduce Greenhouse Gas Intensity	
PPA	35	Objective 1.5 Reduce Greenhouse Gas Intensity	Work to implement strategies under Climate Change Action Plan	Prepared ideas for Commissioner's office on actions (regulatory and incentive based) DEP could initiate to reduce GHG and how that might fit w/in a broader state context. Goals of achieving 20% redux in GHG emissions by 2020 have been discussed.
		Objective 1.6 Enhance Science & Research	Objective 1.6 Enhance Science & Research	
		Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Air Monitoring (Heading)	
		Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Sub-Objective 1.6.1 Provide Science to Support Air Program	
PPA	36	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Air Monitoring Network: Implement initial EPA approved changes to the air monitoring network to transition from the traditional NAMS/SLAMS framework to the framework for ambient air monitoring in the US as detailed in the National Ambient Air Monitoring Strategy.	ongoing
PPA	37	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Air Monitoring Network: Operate NCore multi-pollutant precursor gas sites established with FY2006 or earlier funds and report data from these sites to AQS.	Roxbury is the Massachusetts NCore site. The site is 95% deployed. Full deployment is not required until 2011
PPA	38	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Air Monitoring Network: Submit to EPA by July 1 the annual air monitoring network review and schedule (40CFR58.20d, 58.25 & 58.46) and annual PM report (40CFR58.26).	Completed
PPA	39	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Air Monitoring Network: Operate EPA-approved network (SLAMS, PAMS, PM), enter the air monitoring, precision and accuracy data into AQS within 90 days (180 days for VOCs) of the end of each calendar quarter (40CFR58.28, 58.35, & 58.45) and submit the annual SLAMS report by July 1 (40CFR58.26).	Completed
PPA	40	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Toxics Air Monitoring: Continue operation of the toxics air monitoring sites and enter the data into AQS.	On Schedule

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PPA	41	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Quality Assurance: Update all approved QAPPs annually and five year revisions as needed. Ensure adequate, independent QA audits of NAAQS monitors or participate in NPAP and PEP QA programs.	Complying with requirements. PAMS QAPP revision should be resubmitted in January, 2008
PPA	42	Sub-Objective 1.6.1 Provide Science to Support Air Program --Air Monitoring	Continue implementation of the corrective actions from the EPA's technical systems audit (TSA) of DEP's program.	The 2006 audit superceded the 2001 audit. As of now, the three major recommendations of the 2006 audit have been implementd: the ozone callibration procedures are now being done properly at the one site where they had not been, staff has been added to ensure that the PAMS data is being submitted to EPA in a timely manner, and process to hire additional Quality Assurance staff is underway
		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains	Objective 1.7 (MassDEP Objective) Clean Air and Global Climate Change: Maintaining Prior Gains	
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Ensure that stationary air pollution sources comply with permits, performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions	MassDEP completed 370 site visits of various types, reviewed 1585 self reports, and initiated 48 Higher Level Enforcement Actions (orders, penalties, fines) and 97 Lower Level Enforcement Actions (Notices of Noncompliance)
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Conducting Onsite Full Compliance evaluations at Air Operating Permit sources and taking enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	BWP conducted onsite full compliance evaluations at 48 air pollution sources with air operating permits
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Conducting Offsite Full Compliance evaluations at Air Operating Permit sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	BWP conducted full offsite compliance evaluations at 19 air pollution sources with air operating permits
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Conducting onsite full compliance evaluations at RESm80 air pollution sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	BWP conducted full onsite compliance evaluations at 58 RES M80 air pollution sources

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EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Conducting onsite full compliance evaluations at minor air pollution sources taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	BWP conducted full onsite compliance evaluations at 169 minor air pollution sources
EPA		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Stationary Source Compliance Assurance	Continue to submit required information to AIRs data systems	ongoing
MassDEP		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) -- Stationary Source Compliance Assurance	Respond to the results of the EPA Compliance program review	Wrote a progress report and submitted to EPA. Formulated and finalized a compliance inspection cover sheet and a standardized multimedia inspection form for all regions to use. Submitted these devices to EPA as a response to need for better tracking of inspection file contents, accountability and identification of specific violations as they relate to ultimate enforcement.
EPA		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) -- Stationary Source Compliance Assurance	Continue to populate EPA's Air Facilities System (AFS) data base	ongoing
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Mobile Source Compliance Assurance	Ensure that emissions from mobile air pollution sources are adequately controlled through the enforcement of the tailpipe emissions limits and implementation of other control tail pipe emission control programs	ongoing
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Mobile Source Compliance Assurance	Continuing to implement the I&M program	Implementation ongoing
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Mobile Source Compliance Assurance	Award new contract for I& M tail pipe emission testing	Bids on RFR received in July '07; award granted to Parsons in early Dec '08; contract negotiations ongoing as of 12/26/07 Final bidder selected in early December. Negotiations in process. Contract signed in January 2008
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Mobile Source Compliance Assurance	Commercial Fleet Anti idling	BWP conducted 16 inspections and issued 1 Higher Level (orders, fines, or penalties) and 8 Lower Level (Notice of Non Compliance) enforcement actions
MassDEP		Sub-Objective 1.1.1 More People Breathing Cleaner Air -- Ozone and Fine Particulate	Central artery / transit agreement implementation	Final transit regulation pending EPA approval.

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MassDEP		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) -- Emission Inventories	Maintaining air pollutant emissions inventories	858 source registration forms that were originally due in 2006 were filed in FFY07. 698 of the 812 that were due in FFY07 were received. BWP has issued 109 NONs and 5 RPANs, and will take further enforcement action to make sure that the required source registrations are received.
EPA		Objective 1.7 CLEAN AIR & GLOBAL CLIMATE CHANGE -MAINTAINING PRIOR GAINS (new) -- Emission Inventories	Continue to populate EPA's National Emission Inventory (NEI) data base	ongoing
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Emission Inventories	Rebuild source registration system	Program has completed 1st year of normal operation. A QA tool suite has been developed, and results have been distributed to the regional offices for follow-up, in addition to being used to find errors in submittals and improve the on-line forms. A significant non-compliance level was found and more than 100 NONs/RPANs were generated. A significant cleanup of data has taken place, reconciling classifications with ERP exemptions and true facility status
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Emission Inventories	Convert source registration system to eDEP	Source Registration was originally converted to eDEP in FFY06. In FFY07, a large backlog of errors were cleared and the forms are now fully functional (although some error correction remains to be completed). Substantial QC improvements were made to the forms that are improving data quality
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	Develop regulations and standards to address specific problems (Heading)	
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Stage II Revisions	Submitted to the Commissioner's Office for review and approval 7/07. Approved for public hearing December 2007
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - ERP Boilers: allow Ultra Low Sulfur Fuel Use	Regulations completed to be promulgated January 2006. Draft changes to workbook and forms prepared
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Combined heat and power rule	Regulations drafted, public hearing to be held in in winter 2008

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MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ- Emergency Engines Tier IV Federal standards	These minor regulatory revisions will be included the next time BWP makes regulatory revisions to the air quality regulations to eliminate minor mistakes and anomalies.
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Deal with Federal MACT for Dry Cleaners	Draft regulations developed. Public Hearings to be held in Winter 2008
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	C&T I&M Heavy Duty Diesel Cut Points Regulations	Will be included in proposed modifications to Inspection and Maintenance regulations in early '08
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	C&T Chip Relfash rule for heavy duty truck engines for the 8 hour ozone attainment SIP	This was a regional effort that was abandoned after court challenges in CA succeeded
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Biomass emission standards in conjunction with DOER's renewable energy credit program changes	Biomass BACT guidance adopted as Department policy.
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Outdoor wood-fired boilers	Draft regulations developed. Public Hearings to be held in Winter 2008
MassDEP		Objective 1.7 Clean Air and Global Climate Change: Maintaining Prior Gains (new) -- Non SIP related Regulation and Policy Development	AQ - Prescribed Open Burning	Regulatory development underway
		GOAL 2: CLEAN & SAFE WATER	GOAL 2: CLEAN & SAFE WATER	
		Objective 2.1 Protect Human Health	Objective 2.1 Protect Human Health	
		Sub-Objective 2.1.1 Water Safe to Drink	Sub-Objective 2.1.1 Water Safe to Drink	
		Sub-Objective 2.1.1 Water Safe to Drink: Certification of Drinking Water Labs	Certification of Drinking Water Labs (Heading)	

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PPA	43	Sub-Objective 2.1.1 Water Safe to Drink: Certification of Drinking Water Labs	Maintain laboratory certification for state labs; follow up on any action items resulting from laboratory audits; maintain required schedule for private laboratory inspections.	In the 2007 EPA audit of WES, the Laboratory Certification Program (LCP) was found to be in full compliance with EPA requirements. LCP inspection frequency of Massachusetts-certified commercial and municipal laboratories exceeds EPA requirements. Most of the corrective actions addressing EPA 2007 audit findings for the WES Laboratories have been completed. Several remaining corrective actions will be completed by March 31 and April 30, 2008, to meet the EPA established timelines.
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Source Water Protection (Heading)	
PPA	44	Sub-Objective 2.1.1 Water Safe to Drink: Source Water Protection	Continue to support implementation of local programs and, where appropriate, continue to integrate source water protection implementation into other programs appropriate (e.g., UIC, stormwater).	DWP continues to provide support to local source protection programs including bylaw reviews and site visits. Source protection is integrated into other programs through activities such as an ISA with Div. of Fire Services to prioritize tank inspections.
		Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Drinking Water (Heading)	
PPA	45	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Work to achieve target of 90% of population served by CWSs having drinking water that meets all applicable health-based standards (this includes a sub-objective of meeting target of 92% of the population served by CWSs having drinking water that meets health-based standards with which systems need to comply as of December 2001).	95.2% of CWS population as of EPA's 10/24/07 GPRA summary as having drinking water that meets all applicable health based standards. 96.2% of CWS population meeting existing rules (as of 12/01) as having drinking water that meets all applicable health based standards.
PPA	46	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Work to achieve target of 91% of CWSs that provide drinking water that meets health-based standards with which systems need to comply as of December 2001.	91.3% of CWSs as of EPA's 10/24/07 GPRA summary that provide drinking water that meets health-based standards.
PPA	47	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	LT2/Stage2: coordinate with the Region on early implementation issues; work on primacy package.	Coordination with EPA Region 1 is on-going (for PWSs on Schedules 1, 2 and 3). On 11/7/07 sought extension for primacy application from 1/1/08 to 4/1/08.
PPA	48	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Sanitary surveys: expand use of electronic sanitary survey tool; conduct surveys of CWS and NTNCWS on three-year cycle, TNCWSs on five-year cycle.	CWS - 193, NTNCWS - 88, TNCWS - 59

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	49	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Data verifications: follow-up/correction of deficiencies noted in 2005 DV.	to address the more significant deficiencies, the SDWIS/FED data flow has been modernized, as well as a review of TCR and LCR practices in our regional offices should address the more significant deficiencies. A data verification by EPA is planned for Summer 2008.
PPA	50	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Security/Emergency Response: continue to coordinate with EPA on security workshops, drills and pandemic planning.	Conducted security/ER training along with EPA Region 1 staff. Including table top exercises and ICS/NIMS training and certification.
PPA	51	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Continue to follow-up on any LCR action items (e.g., follow-up on LCR data verification).	Yes, a review of all LCR sampling plans was conducted to ensure that our program complies with current EPA guidance and new regulations.
PPA	52	Sub-Objective 2.1.1 Water Safe to Drink: Drinking Water	Maintain timely and accurate reporting to SDWIS.	Although timeliness is still a challenge it is one that we have recently investigated as we attempt to improve it. Accuracy has always been high as confirmed in our Data Verifications (the 2004 DV only identified 3 data flow discrepancies out of 129 action
		Sub-Objective 2.1.1 Water Safe to Drink: UIC	UIC (Heading)	
PPA	53	Sub-Objective 2.1.1 Water Safe to Drink: UIC	Continue to close identified Class V motor vehicle waste disposal wells; continue to report UIC activities to EPA per 7520 form (e.g., number of inspections conducted, number of permits issued, etc.)	Motor Vehicle Disposal Wells - 50 Discovered 45 Closed All UIC Closures - 103 Discovered 85 Closed
		Sub-Objective 2.1.3 Water Safe for Swimming	Sub-Objective 2.1.3 Water Safe for Swimming	
		Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	Beaches (Heading)	
PPA	54	Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	Coordinate with MA DPH to implement beach monitoring program, including meeting performance criteria established by federal BEACH Act to remain eligible for FY07 beach grant.	completed
PPA	55	Sub-Objective 2.1.3 Water Safe for Swimming: Beaches	Participate in Regional Beach Initiative, including interagency beach workgroup and using "Flagship" beaches, Salem and Provincetown municipal beaches and Wollaston Beach, as models for state beach program.	completed

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
		Objective 2.2 Protect Water Quality	Objective 2.2 Protect Water Quality	
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis	
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	303(d)/305(b)	EPA approved our 2006 integrated list on September 2007. Work is underway to develop the 2008 list by April 2008.
PPA	56	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Submit updated electronic assessment files by April 1, 2007, pending EPA approval of MA's 303(d) list.	EPA approved our 2006 list on September 28, 2007. We are currently working on the WQX data flow and plan to provide an electronic update once WQX is completed. We estimate this is likely to occur in Winter 2008.
PPA	57	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	All new assessments done for the 2006 Integrated Report should be input into ADB within six months of hiring new staff, and pending EPA approval of MA's 303(d) list.	New Assessments for the Hudson, Housatonic, North Coastal, Charles, Ten Mile, and Connecticut watersheds are being incorporated into the ADB for the 2008 Integrated List submittal.
PPA	58	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Georeference waters to 1:25,000; MA will georeference to NHD when able to tie into NHD	MassDEP is continuing to provide georeferencing to 1:25,000 but cannot go to 1:24,000 until MassGIS provides this data layer.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Monitoring	Physical, chemical and biological monitoring was conducted in the 5 year cycle and in the following watersheds: FFY06 - Westfield, Farmington, SuAsCo, Taunton, 7 South Coastal. FFY07: Hudson, Housatonic, Charles, North Coastal, Ten Mile.
PPA	59	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Continue implementing final comprehensive water monitoring strategy covering lakes, rivers, estuaries, during FY2007.	Regional monitoring staff have now been hired in 3 of the 4 DEP regions to conduct bacteria source tracking work. BRP is also working on developing a RAM for wetlands assessment and will continue this work in 2008.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	60	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Report on outcomes of monitoring activities using FY2005 and FY2006 106 supplemental funding for monitoring by Sept. 30, 2007, and prepare workplan for FY2007 106 supplemental funds by May 15, 2007.	Report in progress
PPA	61	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: 303(d)/305(b)	Develop draft wetlands monitoring strategy by December 31, 2006 and final strategy by Sept. 30, 2007.	MassDEP with EPA financial assistance has awarded a contract to U Mass Amherst to develop a RAM. This work will continue in 2008.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Water Quality Standards - Biological, Nutrient, Temperature	Standards Revisions approved Sept. 19, 2007
PPA	62	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue efforts toward addressing flow quantity and water level issues to ensure protection of in stream waters uses - at this point effort lead by other EOEA offices.	
PPA	63	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Start development of numerical biological criteria for WQS.	MassDEP and EPA have agreed to coordinate a review of the state biological monitoring program. This review is anticipated to occur in Winter 2008.
PPA	64	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue efforts, including coordination with EPA, towards adoption of appropriate WQS revisions.	BRP promulgated revised WQS in December 2006. EPA has approved the majority of the revisions and BRP will be working with EPA to obtain approval for the remaining revisions.
PPA	65	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Water Quality Standards - Biological, Nutrient, Temperature	Continue to develop nutrient criteria in accordance with the Nutrient Criteria Development and Adoption Plan.	A draft nutrient criteria document was submitted to EPA for internal review in October 2007
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Watershed Approach (Please refer to EPA's proposed revisions to its strategic plan (2008-2012) and the national water program guidance for FY'07 for further description of the watershed measures)	These measures are more appropriate for determining long-term success rather than in the short-term. A better short-term measure would be to track the development of TMDLs and identify how many river miles, lake acres, and marine square miles the TMDLs apply to as well as each pollutant. MassDEP can agree to work with Region 1 to provide alternatives measures that closely resemble those above and can be provided within the context of the existing integrated list methodology

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	66	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Using the PPA process, 303(d) list, the nonpoint source RFP, national estuary program CCMP, and other state processes, identify priority watersheds and water bodies for the state to focus effort to protect and improve water quality. Assist EPA Region 1 in developing targets for FY'08 and reporting progress for FY'07 on the watershed measures L, Y, and W.	Per agreement with EPA, MassDEP is in the process of summarizing regional bacteria source tracking efforts and results in impaired segments and identifying priority watersheds (HUC12) to focus bacteria monitoring efforts in CY2008.
PPA	67	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	In those priority water bodies and watersheds, leverage existing tools such as the state's TMDL, nonpoint source, water quality, permit, SRF grant, national estuary, and source water assessment programs to concentrate implementation efforts and to measure improvements.	MassDEP's regional bacteria source tracking program is being combined with regional compliance and enforcement efforts to successfully locate and fix numerous illicit bacteria discharges in smaller streams. Other state programs and initiatives - TMDL
PPA	68	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Identify and submit a list of water bodies to EPA that the state will fully restore (measure L) or partially restore (measure Y) over the next several years (through 2012).	This will be done after a compilation of the 2007 regional bacteria source tracking efforts and results in early 2008. Significant work is already underway in a number of the bacteria impaired water bodies and will be included in this compilation.
PPA	69	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	For measure W, work with EPA Region 1 to develop and submit a list of impaired watersheds (at the 12-digit level) that the state will most likely improve by 2012, and include the projected date of the improvement. The list should also include impaired watersheds where significant work is underway that "may" meet the improved definition by 2012 as well as those watersheds where significant work is underway that will probably not improve by 2012.	Discussion has occurred with EPA regarding this measure. Additional discussions will be needed and these discussions will occur in FFY08.
PPA	70	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: Watershed Approach	Periodically provide input to EPA-New England on draft regional watershed game plan. Work collaboratively with the region to better measure and report results annually.	DWM provided input into proposed plan when requested.
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 319	NPS 319 (Heading)	
PPA	71	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 320	Continue to use the 2004 Nonpoint Source Program and Grants Guidelines for States and Territories to identify eligible activities, program priorities and reporting requirements. Additional guidance is in the national computational guidance issued for PAM measures.	on going
PPA	72	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 321	Continue to work with other government agencies to influence the targeting of a portion of the Farm Bill Programs (e.g., EQIP) to areas of environmental concern (i.e., impaired waters, fragile waters in need of protection, and a watershed approach).	MassDEP has participated in State Technical Committee Meeting to develop ranking criteria for FY2008 EQUIP projects and has completed this objective.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	73	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 322	Continue to identify priority segments or watersheds for NPS funding as part of its RFP process. Increase the NPS program performance in the restoration or partial restoration of impaired waters and prepare and submit a success story for a representative number of restored or partially restored water bodies.	Developed FY2008 RFR and selected projects.
PPA	74	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 323	Continue to enter all 319 grant dollars and mandatory data elements into the Grants Reporting Tracking System (GRTS) by Feb 15th of each year.	Attended GRTS meeting.
PPA	75	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPS 324	Continue to ensure that watershed based plans developed using incremental dollars portion of the 319 funds will contain the 9 (a- i) elements specified in the 2004 guidance the state will report by name each watershed based plan that supported under NPS Management programs since FY 2002 that have been substantially implemented.	No activity
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	NPDES Development (Heading)	
PPA	76	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Complete drafts for all permits for which the DEP agreed to prepare prior, including those agreed to prior to FY2005.	5 drafts were completed, meeting the target.
PPA	77	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Identify NPDES work-sharing activities for FY 2007, including Blackstone watershed permits.	Done
PPA	78	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Develops plan and schedule for NPDES Delegation by 6/30/07.	Further discussion between MassDEP and EPA is required regarding this activity. The timeframe for these discussions has not been finalized.
PPA	79	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Participate in bi-monthly coordination and planning calls on the status of joint NPDES permits.	Done
PPA	80	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Coordinate on NPDES Permitting for Power Plants.	MassDEP and EPA are coordinating, as appropriate, for all NPDES permitting for power plants.
PPA	81	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist EPA in responding to comments received during public comment periods.	on going
PPA	82	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist EPA in defending NPDES permit appeals.	on going

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	83	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue current level of effort on joint administration and enforcement of the Phase II MS4 Permit.	on going
PPA	84	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Current level of effort on reviewing and commenting on targeted Phase II MS4 Notices of Intent and Annual Reports.	on going
PPA	85	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue current level of support to the regional program by helping with storm water permitting outreach efforts.	on going
PPA	86	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Assist in the joint reissuance of Phase I MS4 permits for Boston and Worcester.	on going
PPA	87	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Review and certify the reissued multi-sector general permit. Assist in planning for reissuance of next Small MS4 General Permit.	as needed
PPA	88	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue to work with EPA to approve and enforce Long Term CSO Control Plans.	Done
PPA	89	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: NPDES Development	Continue to work with EPA to reconcile policy issues related to variances/water quality standards determinations/and affordability issues.	Done
		Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	TMDL Development (Heading)	
PPA	90	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Complete any remaining prior year TMDL commitments.	FFY07: Final TMDLs submitted: Pleasant Bay N (19), Lower Charles P TMDL (5), Charles River Watershed bacteria (20), Three Bays N (6), Final Regional Hg TMDL (75); FFY08: Draft TMDLs submitted: Centerville Harbor (5), Phinney's Harbor (1), West Falmouth harb
PPA	91	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Commit to completion of an additional number of TMDLs for FY07, and provide a tentative list of waterbodies involved by October 31, 2006 (future substitutions allowed).	See P&C item #90
PPA	92	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Participate in Region 1/State TMDL Innovations effort to improve environmental effectiveness of the TMDL program.	Meetings attended when scheduled

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	93	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis: TMDL Development	Suggested TMDL commitment target range for FY06: 91-180	MassDEP plans to meet the target range through P&C item 90 and these additional Bacteria TMDLs which are underway in the following watersheds: Islands, South Coastal, Boston harbor, North Coastal, Parker River, Merrimack River, Ipswich River, SuasCo, Blackstone, and Nashua River.
		Sub-Objective 2.2.2 Improve Coastal & Ocean Waters	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters	
		Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	Dredged Material Management (Heading)	
PPA	94	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	Participate on Regional Dredging Team Technical Workgroup (aka Sudbury Group) to coordinate with other federal and state agencies on planning and regulatory activities associated with dredging and dredged material management.	Continuing
PPA	95	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters: Dredged Material Management	Coordinate with MA CZM to regulate dredging and dredged material disposal in MA coastal waters.	Continuing
		Objective 2.3 Science & Research	Objective 2.3 Science & Research	
		Sub-Objective 2.3.1 Apply Best Available Science	Sub-Objective 2.3.1 Apply Best Available Science	
		Sub-Objective 2.3.1 Apply Best Available Science	Continue working with USGS on safe yield estimator.	Continuing
		Sub-Objective 2.3.2 Conduct Leading Edge Research	Sub-Objective 2.3.2 Conduct Leading Edge Research	
		Sub-Objective 2.3.2 Conduct Leading Edge Research	Highlights: priorities / projects / EPA commitments	
PPA	96	Sub-Objective 2.3.2 Conduct Leading Edge Research	Participate as feasible in meetings and planning sessions for the New England REMAP Lakes and Ponds Study (NELP), Biological Condition Gradient (BCG) workgroup.	Attendance at meetings has been provided but level of commitment is low due to a lack of resources and conflicts with other priorities.
PPA	97	Sub-Objective 2.3.2 Conduct Leading Edge Research	Participate in or coordinate with EPA's National Lakes Assessment, pending final scope of study.	MassDEP participated in plan development and provided staff to assist in the field.
		Objective 2.4 (MassDEP Objective) Maintaining Prior Gains in Water Quality	Objective 2.4 (MassDEP Objective) Maintaining Prior Gains in Water Quality (Heading)	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Permitting	Issue permits that limit discharges of water pollutants to ground and surface waters, and sewers	250 permits issued (100%)
PPA		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Permitting	Power Plant NPDES (Heading)	
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Permitting	Groundwater discharge permits	As needed, BWP approved 1 groundwater discharge permit
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Permitting	sewer discharge permits for selected contaminants such as perchlorate	As needed
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Compliance Assurance	Ensure that industrial wastewater sources comply with permits and performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions	BWP conducted 43 site visits of various types at industrial wastewater sources, reviewed 721 self reports, and initiated 4 Higher Level (orders, fines, penalties) enforcement actions and 11 (notices of noncompliance) Lower Level Enforcement Actions

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Compliance Assurance	Redesign the MassDEP industrial indirect discharger oversight program, and ERP reporting frequency	Regulations revising industrial; and sanitary connection, extension, and discharge requirements, as well as broadening MassDEP's authority to vary ERP certification frequencies in response to ERP sector performance, were promulgated 1/12/07. The industrial sewer regulation revisions reduced and targeted the number of facilities requiring permits, introduced certifications and permits-by-rule, created a statewide 1 ppb mercury sewer discharge limit starting 5/1/09, and authorized initiation of a broad toxic reporting program for industrial sewer dischargers by 1/1/09.
MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands (new heading) -- Compliance Assurance	Implement ERP dental mercury program	BWP received certifications from 530 dentists and non applicability statements from 276 dentists that owed certifications in FFY 07. In addition BWP is taking appropriate follow up action to verify whether the remaining 338 dentists owe certifications and to obtain the required certifications
		GOAL 3: LAND PRESERVATION & RESTORATION	GOAL 3: LAND PRESERVATION & RESTORATION	
		Objective 3.1 Preserve Land	Objective 3.1 Preserve Land	
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling	Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling	
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Resource Conservation Challenge	Resource Conservation Challenge (Heading)	
PPA	98	Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Resource Conservation Challenge	Participate in discussions and possible collaboration on projects related to the RCC National Priority Areas (35% recycling with focus on organics, paper and packaging, beneficial use with focus on coal combustion products, foundry sand and construction and demolition debris, reduction of toxics chemicals and electronics).	MassDEP collaborated with EPA on 2 Wastewise Forums attended by approximately 50 businesses. Over ten new members were signed on as Wastewise Partners/Endorsers. MassDEP coordinated and provided technical assistance on an EPA grant for regional commercial organics collection in Marlboro, MA. MassDEP is coordinating with EPA on efforts to increase recycling at convention centers and special event venues.
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Solid Waste Master Plan (MassDEP heading)	Solid Waste Master Plan (MassDEP heading)	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Solid Waste Master Plan (MassDEP heading)	Develop a strategy for achieving the goal of reducing the solid waste stream requiring disposal by 70% by the year 2010 and track annual progress	Issued Annual 2005 Solid Waste Data Update for 2005 in July 2007. The annual updates tracks progress toward the solid waste reduction strategy. The strategy was most recently updated in the 2006 Solid Waste Master Plan Revision issued in June 2006.
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Solid Waste Master Plan (MassDEP heading)	Develop a disaster debris management plan	Issued Local Government Disaster Debris Management Guidance in August 2007: Released Local Government Disaster Debris Management Plan Checklist in October 2007. Revised State Disaster Debris Management Plan is currently under internal management review at MassDEP and MEMA, hope to issue in early 2008
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Grants loans, technical assistance (MassDEP heading)	
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Municipal Waste Reduction grants and technical assistance	MassDEP awarded over \$700,000 in municipal recycling grants to advance recycling.
		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Highlights: priorities / projects / EPA commitments	
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Municipal cardboard and paper	MassDEP partnered with EPA in support of the MassRecycles Paper Campaign. The campaign has established participation with over 180 communities to advance residential paper collection.
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Pay as you throw programs	MassDEP provided technical assistance to over 10 municipalities interested in implementing PAYT. In addition, MassDEP award three PAYT grants to assist with municipal implementation of PAYT.
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Commercial Waste Reduction Assistance	MassDEP issued redemption center grants to over 50 redemption centers in support of the bottle deposit law infrastructure. MassDEP worked to develop a template RFR for Resource Mgmt at Colleges and Universities and tested the RFR at Bridgewater State College. MassDEP issued 3 grants under the Recycling Industry Reimbursement Credit Program totaling over \$100,000 to advance in state recycling and remanufacturing.

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Cardboard and paper	MassDEP has been actively enforcing the solid waste disposal bans and issued over 10 NON's to commercial generators of waste.
MassDEP		Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling -- Grants loans, technical assistance (MassDEP heading)	Organics	MassDEP continues to implement the Supermarket Recycling Certification Program and has over 60 supermarkets currently certified. Certification requires the supermarket divert organics, cardboard and shrink-wrap. MassDEP implemented the EPA grant to increase capacity for managing organics through assistance to local farmers and organics processors to enhance operations.
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - RCRA Authorization	RCRA Authorization (Heading)	
PPA	99	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - RCRA Authorization	Submit final authorization application for Corrective Action program and related required rules.	Complete- Application was submitted to EPA in November 2007.
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - RCRA Permit Renewals	RCRA Permit Renewals (Heading)	
MassDEP		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - RCRA Permit Renewals	Issue permits to hazardous waste management facilities: hazardous waste treatment storage and disposal facilities, hazardous waste transporters, and hazardous waste recyclers to ensure that their operations do not cause harm	BWP approved 100 permits related to hazardous waste management, denied 6 and determined that 5 were not required. In addition 4 were withdrawn by the applicant
PPA	100	Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - RCRA Permit Renewals	Renewals TSDF permits at three (3) facilities on FFY06-08 GPRA permit renewals baseline.	Three TSDF permit renewals were issued between 10/01/06-9/30/07. The facilities are Safety Kleen Bridgewater, Murphys Waste Oil and ECC Corp.
		Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly - UST	UST (Heading)	PPA 101-109 Not PPG eligible - all states are eligible except Massachusetts; MA State Fire Marshal has its own categorical grant.
		Objective 3.2 Restore Land	Objective 3.2 Restore Land	
		Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	110	Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response Team mechanism.	Ongoing
MassDEP			Implement comprehensive staff training program	Continued to improve and expand ER staff training , which is modeled after the plan EPA developed for its own responders. Highlights in 2007 include a 3-day Hazardous Materials Technician course attended by all MassDEP responders, Air Monitoring for Emergency responders, OSC readiness training conference, Level A drill, and fast-water boom deployment training.
MassDEP			Maintain and upgrade equipment and supplies to meet needs	Developed a comprehensive computerized equipment repair tracking system. Provided Scott Respirator Field Technician certification training to our staff and others to ensure that compatible respirator equipment can be repaired in the field. Purchased the Draeger Chip Management System.
MassDEP			Coordinate responses across DEP programs and with external agencies	Participated in Region 1 RRT meetings, co-chaired Boston Area Planning Committee meetings, attended WMD laboratory awareness training, and was a key participant in developing and implementing highway traffic incident response training with and for other state agencies and responders.
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land	
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Corrective Action Sites (Heading)	
PPA	111	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Human Exposures Controlled Under Current Conditions at two (2) facilities.	Met goal with EI's for Zecco and SK- Marlboro
PPA	112	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Contaminated Ground Water Migration Under Control at two (2) facilities.	Met goal with EI's for Zecco and SK- Marlboro
PPA	113	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve site-wide Remedy Selection at two (2) facilities.	Achieved Remedy selection at 1 facility (SK-West Brookfield)
PPA	114	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Achieve Construction Complete at one (1) facility.	Achieved Construction Complete at 1 facility (SK-West Brookfield)

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	115	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Assessment of financial assurance current status at remaining facilities from 2006 goal.	Action completed. Financial assurance status reviews of all 25 RCRA facilities and 72 solid waste facilities were conducted.
PPA	116	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Corrective Action Sites	Verify adequacy of financial assurance instrument at remaining facilities from 2006 goal.	Action completed (see above) On March 2, 2007 MassDEP drew on the \$90,000 financial instrument issued to MassDEP by the ECC Corporation in Holden, MA for failure to renew the financial instrument. All other instruments reviewed were in order.
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	LUST (Heading)	
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	Not PPG eligible - funds are in separate LUST Trust Cooperative Agreement.	
PPA	117	Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: LUST	Reducing the Clean-up Backlog: The National target for annual clean-ups completed of releases from leaking underground storage tanks (LUSTs) is 13,600. At midyear of FY06, cumulative number of 12,478 LUSTs clean-ups were completed in New England, with a backlog of 3,881. Specific number of LUST cleanups completed for Massachusetts in FY07 will be negotiated in fall 06.	Met the goal of reducing the backlog of open LUST sites; achieved completion of clean-ups at more than twice as many new LUST releases as were reported during this period; new releases were addressed and are on track toward cleanup
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Superfund Sites	Superfund Sites (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Superfund Sites	Ensure that state requirements are included in determining cleanup goals http://www.mass.gov/dep/cleanup/sites/superfnd.htm	Worked closely with EPA personnel to ensure that MCP requirements and MassDEP policies and guidance were considered in selecting cleanup goals for the 6 cleanup decisions and settlements signed during FFY 2007
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Formerly Used Defense Sites	Formerly Used Defense Sites (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Formerly Used Defense Sites	Ensure that the state's requirements are followed in establishing the priority list and cleanup goals	Provided a priority list to the Army Corps of Engineers; worked with EPA and DoD to set cleanup goals and set priorities at active and closed federal facilities; shared all FUDS documents, including the Management Action Plan, with EPA
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Lead Shot Initiative (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Educate and provide technical assistance to outdoor shooting range facilities on problem identification and remedies and implementation of Environmental Stewardship Plans	Provided technical assistance at a several ranges upon request or related to enforcement or compliance cases

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Identify outdoor shooting ranges that require remedial actions and ensure implementation remedial plans	Worked with several ranges on remedial plans resulting from enforcement cases, water supply concerns, and property development plans
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Gather additional information, generated by both range and agency investigations on environmental conditions at shooting ranges, to inform LSI policy development and compliance/enforcement efforts	Updated the list of ranges and conducted triage using GIS mapping of potential problem ranges
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Lead Shot Initiative	Coordinate annual Environmental Stewardship seminars for outdoor shooting range managers in partnership with the Gun Owners' Action League and other external stakeholders	Formulated tentative plans for a Spring 2008 seminar in partnership with GOAL; seminar not yet confirmed
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Brownfields (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Coordinate Massachusetts participation in the 2006 National Brownfields Conference	Served actively on the Executive Committee in charge of organizing the Brownfields 2006 Conference
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Develop a strategy for highlighting the state's innovative cleanup and brownfields programs	Developed four comprehensive handouts for the conference featuring state and federal brownfields programs that continue to be used
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Present a half-hour film that showcases the conversion of four to six contaminated properties	Presented a half-hour film that featured six successfully redeveloped brownfields sites; the film has been shown several times since at state and federal forums
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Staff a booth for the duration of the conference and host or co-host a reception for state brownfields stakeholders	Staffed a booth at the Brownfields 2006 Conference that featured information on state and federal brownfields programs. MassDEP and MassDevelopment co-hosted a lunch for brownfields developers, partner agencies, and others involved with brownfields redevelopment in Massachusetts
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Advocate and educate for brownfields redevelopment among municipal officials and the development community	Partnered with 46 communities to help resolve technical issues related to local brownfields sites, and served actively on local and regional brownfields task forces
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Brownfields	Provide technical assistance to municipalities, the Attorney General's Office and proponents of sites in Economic Development Areas	Assisted 263 projects located in 115 communities, and assisted the OAG in negotiating six CNTS Agreements and two amendments to existing agreements
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	Asbestos in Soil (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	Finalize policies and regulations to address the notification, assessment, cleanup and disposal soil contaminated with asbestos.	Published draft regulations on April 20, 2007 and amended the package based on public comments; met with external workgroup on October 11, 2007

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Asbestos in Soil	Update MassDEP's policy on reuse of soil at landfills to incorporate the reuse of soils containing low levels of asbestos	Included as part of the asbestos regulations package, above; received comments on proposed changes, made revisions based on comments and prepared final draft for approval.
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Maximize risk reduction at waste sites (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Revise soil management requirements and policies to maintain cost-effective soil remediation options	Convened and met with external workgroup; drafted a conceptual approach to addressing historic fill
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Finalize policy and guidance on implementation of Monitored Natural Attenuation	Scoped the comprehensive Policy on evaluating the feasibility of remedial alternatives, of which guidance on Implementing Monitored Natural Attenuation will be a part. Target for final Policy is January 2009.
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Maximize risk reduction	Implement electronic collection and tracking of Remedial Monitoring Reports	Required remedial monitoring reports and supporting documents to be submitted electronically as of September 1, 2007
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Ensure the quality of cleanups at waste sites (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Restore comprehensive training and outreach program to LSP and regulated communities	Offered 14 audit training classes for LSPs
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Implement MCP revisions for asbestos-in-soil, petroleum in GW-1 areas and other initiatives	Conducted public hearings and incorporated public comments into the package that included petroleum in GW-1 areas, which is expected to be published in December 2007
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Ensure the quality of cleanups	Consult with the regulated community and LSPs to identify issues and develop agency policy and guidance to address issues of concern (e.g., urban fill and NAPL)	Hosted 4 meetings of the Waste Site Cleanup Advisory Committee (November 21, 2006 and January 25, May 24, and September 27, 2007); BWSC managers met with LSPA Board members to identify and discuss areas of concern; in conjunction with the LSPA, began drafting a Q&A
		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Increase the rate of cleanup actions at waste sites (Heading)	
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Begin billing non-responder universe	Completed draft regulations in May 2007 to implement billing non-responders, which are currently under review by MassDEP's OGC

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Implement online data submittal and file review system	Required remedial monitoring reports and supporting documents to be submitted electronically; developed a site file viewer that will be available for use in 2008; compiled and updated weekly a list of all electronical submittals that service centers can offer to supplement paper file reviews
MassDEP		Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land: Increase the rate of cleanups	Continue enforcement actions	Enforced: against PRPs who failed to notify or who notified late of releases; for violations of deadlines for required submittals especially when time critical site conditions exist; and for violations of performance standards. Monitored Notices of Audit Findings for situations that may warrant direct enforcement against LSPs. BWSC refers LSPs to the Board for license sanctions.
		Sub-Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites	Sub-Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites	No specific PPA related action for the State
		Objective 3.3 Enhance Science & Research	Objective 3.3 Enhance Science & Research	
		Sub-Objective 3.3.1 Provide Science to Preserve & Remediate Land	Sub-Objective 3.3.1 Provide Science to Preserve & Remediate Land	No specific PPA related action for the State
		Sub-Objective 3.3.2 Conduct Research to Support Land Activities	Sub-Objective 3.3.2 Conduct Research to Support Land Activities	No specific PPA related action for the State
		GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS	GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS	
		Objective 4.1 Chemical, Organism & Pesticide Risks	Objective 4.1 Chemical, Organism & Pesticide Risks	
		Sub-Objective 4.1.1 Reduce Human Exposure to Toxic Pesticides	Sub-Objective 4.1.1 Reduce Human Exposure to Toxic Pesticides	No specific PPA related action for the State
		GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS		
		Sub-Objective 4.1.2 License Pesticides	Sub-Objective 4.1.2 License Pesticides	No specific PPA related action for the State
		Sub-Objective 4.1.3 Reduce Chemical & Biological Risks	Sub-Objective 4.1.3 Reduce Chemical & Biological Risks	No specific PPA related action for the State
		Sub-Objective 4.1.4 Reduce Risk at Facilities	Sub-Objective 4.1.4 Reduce Risk at Facilities	No specific PPA related action for the State
		Objective 4.2 Communities	Objective 4.2 Communities	
		Sub-Objective 4.2.1 Sustain Community Health	Sub-Objective 4.2.1 Sustain Community Health	No specific PPA related action for the State

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
		Sub-Objective 4.2.2 Restore Community Health	Sub-Objective 4.2.2 Restore Community Health	
		Sub-Objective 4.2.2 Restore Community Health: Environmental Justice	Environmental Justice (Heading)	
PPA	118	Sub-Objective 4.2.2 Restore Community Health: Environmental Justice	In coordination with EPA New England, identify any ongoing and implement new activities, as appropriate, that will advance environmental justice within state programs. Refer to EPA New England's EJ Functional Guidance Compendium, Chapter 9: Performance Partnership Agreements with States, for a list of potential activities that should be considered.	Ongoing
		Objective 4.3 Ecosystems	Objective 4.3 Ecosystems	
		Sub-Objective 4.3.1 Protect & Restore Ecosystems	Sub-Objective 4.3.1 Protect & Restore Ecosystems	
		Objective 4.3 Ecosystems: National Estuary Program	National Estuary Program (Heading)	
PPA	119	Objective 4.3 Ecosystems: National Estuary Program	Provide administrative, technical, and financial support to the National Estuary Programs in your state.	Continued previous efforts.
PPA	120	Objective 4.3 Ecosystems: National Estuary Program	Disseminate national and regional guidance and award funds in a timely fashion.	Continued previous efforts.
PPA	121	Objective 4.3 Ecosystems: National Estuary Program	Participate on Buzzards Bay National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Buzzards Bay CCMP.	Continued previous efforts.
PPA	122	Objective 4.3 Ecosystems: National Estuary Program	Participate on Massachusetts Bays National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Massachusetts Bays CCMP.	Continued previous efforts.
		Sub-Objective 4.3.2 Increase Wetlands	Sub-Objective 4.3.2 Increase Wetlands	
		Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Wetlands (Heading)	
PPA	123	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	For each year of the PPA, the wetlands program will develop a web-based work plan which identifies and describes how the program will work towards building and refining any element of a comprehensive wetland program specific to HQ and regional guidance on the subject.	Done
PPA	124	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Update annually a web-based tracking report on gains and losses on wetlands state-wide by December 31st of each year. Every five years (2010, 2015, etc.) report of trends and patterns for the previous five years.	Done

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	125	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Web-based report on DEP wetland enforcement initiative findings and results. Complete a report describing this effort, including the methods, and approximate costs that would be helpful for other states to consider similar projects.	Done
PPA	126	Sub-Objective 4.3.2 Increase Wetlands: Wetlands	Continue to participate in the NEBAWWG biological monitoring and assessment initiative.	Done
		Objective 4.4 Enhance Science & Research	Objective 4.4 Enhance Science & Research	
		Sub-Objective 4.4.1 Apply the Best Available Science	Sub-Objective 4.4.1 Apply the Best Available Science	No specific PPA related action for the State
		Sub-Objective 4.4.2 Conduct Relevant Research	Sub-Objective 4.4.2 Conduct Relevant Research	
		Sub-Objective 4.4.2 Conduct Relevant Research	No specific PPA related action for the State	
		Objective 4.5 (MassDEP Objective) Proper Hazardous Waste Management	Objective 4.5 (MassDEP Objective) Proper Hazardous Waste Management	
		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management	Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management	
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Ensure that hazardous waste management facilities, transporters, and generators comply with permits, performance standards, and reporting requirements, through report reviews, inspections, technical assistance and enforcement actions	BWP inspected a total of 635 hazardous waste generators, recycling facilities and treatment storage and disposal facilities and initiated 43 Higher Level (orders, fines and penalties) and 132 Lower Level (Notices of Non Compliance) enforcement actions
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect TSDFs at least once a year per the EPA compliance monitoring strategy as adjusted for MA	BWP conducted a total of 13 onsite inspections at 13 TSDFs. No enforcement actions were initiated

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect large quantity hazardous waste generators every three, five or eight years depending upon their compliance history per the EPA compliance monitoring strategy as adjusted for MA	BWP conducted a total of 155 inspections at 94 large quantity generators and initiated 14 Higher Level (orders, fines and penalties) and 41 Lower Level (Notices of Non Compliance) enforcement actions
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Inspect small quantity hazardous waste generators as necessary	BWP inspected a total of 635 hazardous waste generators, recycling facilities and treatment storage and disposal facilities and initiated 43 Higher Level (orders, fines and penalties) and 132 Lower Level (Notices of Non Compliance) enforcement actions
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Baseline assessment of SQG compliance rates	BWP inspected 60 randomly selected small quantity generators in order to assess the overall environmental performance of small quantity generators in the state. The results are being analyzed
MassDEP		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Respond to the results of the EPA Compliance program review	Wrote a progress report and submitted to EPA. Formulated and finalized a compliance inspection cover sheet and a standardized multimedia inspection form for all regions to use. Submitted these devices to EPA as a response to need for better tracking of inspection file contents, accountability and identification of specific violations as they relate to ultimate enforcement.
EPA		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management -- Compliance Assurance	Continue to populate EPA's RCRA INFO data base	ongoing
		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly	Sub-Objective 4.5.2 (Mass DEP Sub-Objective) Manage Solid Wastes Properly	
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Permitting	Issue permits to solid waste management facilities: municipal waste combustors, landfills, transfer stations, composting facilities, to ensure that their operations do not cause harm	BWP approved 218 solid waste management permits, denied 1 and determined that 1 was not required. 17 applications were withdrawn by the applicant

Part 2: Progress Towards Environmental Goals, Objectives and Activities

Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Permitting	Assess and update permits for construction and demolition debris processors	Asbestos inspection protocol being reviewed. Following the completion of this task, BWP will update permits as necessary
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Permitting	Asses and update permits for petroleum contaminated soils processors	On hold pending HW Part B renewal work. May resume work FY08
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Enforcement of illegal dumping prohibitions through the use of surveillance cameras	Ongoing
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Ensure that waste management facilities operate in accordance with their permits through report reviews, inspections, and enforcement follow-up as needed	BWP conducted 741 site visits of various types at solid waste management facilities, reviewed 638 self reports, and initiated 28 Higher Level Enforcement Actions (orders, fines or penalties) and 46 Lower Level Enforcement actions (Notices of Non Compliance)
MassDEP		Sub-Objective 4.5.2 (MassDEP Sub-Objective) Manage Solid Wastes Properly -- Compliance Assurance	Compliance with the bans on disposal of certain recyclable waste streams	BWP issued 22 Lower Level Enforcement actions (Notices of Non Compliance) to solid waste haulers and generators for the disposal of "banned" materials
MassDEP		Sub-Objective 4.5.2 Manage Solid Wastes Properly (new heading) -- Compliance Assurance	Assessment of landfills that were closed prior to 1990	Funds for this project have not been made available
MassDEP		Sub-Objective 4.5.2 (Mass DEP Sub-Objective) Manage Solid Wastes Properly -- Beneficial Uses of Solid Waste	License the beneficial reuse of solid waste to ensure that it does not cause harm to residents or the eco - system	BWP approved 17 permits for the beneficial reuse of solid waste streams that would otherwise have to be disposed of in landfills or solid waste incinerators
		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Sub Objective 4.5.3 (MassDEP Sub-Objective) Managing Toxic Chemicals	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Implement the toxics use reduction program: collect, manage, analyze the annual and biennial reports, enforce the reporting and toxics use reduction planning requirement	Collected and conducted QA/QC of 2005 Toxics Use Data, drafted 2005 Toxics Use Information Release, collected most 2006 toxics use reports and began data QA/QC and analysis, conducted enforcement against non-reporters, developed new approach for toxics use reduction planner enforcement
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Redesign Toxics Use Reduction program per amendments adopted this summer	Promulgated Phase 1 regulations and revised reporting guidance in June 2007, implementing statutory reporting changes; drafted Phase 2 planning regulations and held public hearing and comment in August 2007; drafted guidance for resource conservation planning, EMS under TURA, and revised toxics use reduction planning guidance
MassDEP		Sub Objective 4.5.3 Managing Toxic Chemicals (new)	Implement the new Mercury In Products Legislation	Proposed Phase I regulations (covering mercury switches in end-of-life vehicles, manufacturers' collection/recycling plans, & lamp manufacturers' obligations), received public comment, and prepared final rules for senior MassDEP management review. Drafted Phase II regulations on sales ban/exemption process, labeling requirements, and disposal ban, and started discussions with the Solid Waste Advisory Committee. Participated in IMERC review of mercury product notifications, labeling plans, and guidance for cleaning up broken CFLs. Continued work with NEWMOA on high school mercury cleanouts. Continued to conduct outreach to regulated universe about mercury products requirements.
		GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP	GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP	
		Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
PPA	127	Objective 5.1 Improve Compliance	<p>MassDEP will conduct inspections at: Air Title V Major sources Air Synthetic Minor sources that are permitted at above 80% of the major source threshold (SM80s) Air Minor sources Hazardous Waste Treatment Storage and Disposal facilities Hazardous Waste Large and Small Quantity generators</p> <p>in accordance with the EPA Region I approved compliance monitoring strategy and inspection commitments presented in the confidential "Compliance Enforcement Chart". Because EPA Region I will provide PPA credit for the MassDEP Environmental Results Program for dry cleaners, the information in the Compliance and Enforcement Chart section reflects the modifications to the national compliance monitoring strategy for these facilities as approved by EPA Region I pursuant to MassDEP's "ERP Credit application". The section also includes a matrix describing the Dry Cleaning Sector and outlining MassDEPs commitments for work on the sector during the life of the PPA.</p>	See Compliance Enforcement Chart
		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Objective 5.1.1 Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for assessment	Asphalt plants: 8 inspections 1 NON; Junkyards 4 Drive bys, 38 site visits 12 NON, 1 ACP; RV manufacturers: 7 Inspections 2 NONs; Veterinarians 35 site visits, 1 Drive by 2 NONs; Dry Cleaners 50 Inspections 24 NON 2 ACPs; Safe Neighborhoods 24 inspections 1 ACP; Small Quantity Generators 61 Inspections 21 NONs, 1 ACP
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for HLE	Outside the System 9 inspections 1 ACP, 6 NONs, 1 NEC
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Targeted Groups for Policy/Program Development	see regulatory development
MassDEP		Objective 5.1(Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	Manage routine regulatory reporting: ERP, Rideshare, etc	ongoing
PPA	128	Objective 5.2 Improve Performance Through P2 and Innovation	Objective 5.2 Improve Performance Through P2 and Innovation	

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Origin	P&C #	EPA Goal / Objective / category	GOALS/OBJECTIVES/ACTIVITIES	STATUS
		Objective 5.2 Improve Performance Through P2 and Innovation	Submit annual Compliance Plans containing descriptions of the state's compliance, assistance and innovative programs, including projections for inspections and other priority activities. See "FY2007 Guidance for Compliance and Assistance and Innovative Program Strategies in New England Performance Partnership Agreements"	
		Objective 5.2 Improve Performance Through P2 and Innovation	Submit annual End of Year report on Compliance, assistance and innovation program accomplishments, activities and results	
		Objective 5.3 Build Tribal Capacity	Objective 5.3 Build Tribal Capacity	
		Objective 5.4 Enhance Science & Research	Objective 5.4 Enhance Science & Research	
		CROSS CUTTING ISSUES	CROSS CUTTING ISSUES	
		Re-Opener Clause	Re-Opener Clause	
PPA	129	Re-Opener Clause	The Regional Office will strive to honor the spirit of the PPA. In keeping with this spirit the Region will work with EPA HQ to limit the impact of unexpected demands on the states. To address New, very high priority issues that might emerge a re-opener clause will be included as part of this process permitting the Regional Office and/or the state to introduce necessary changes to the PPA.	
PPA	130	Re-Opener Clause	A process for jointly evaluating and reporting progress and accomplishments under the workplan must be developed and described in the workplan. The process must be based on a negotiated schedule. (40CFR35.115)	
PPA	131	Re-Opener Clause	An annual written progress report must be submitted within 90 days after the end of the annual grant period. (40CFR35.115, 40CFR31.	
		QMP QAPP	QMP QAPP	
PPA	132	QMP QAPP	Continue to implement the State Quality Management Plan (QMP) and submit an annual update letter to the EPA-NE Quality Assurance Unit documenting progress over the year and any changes made to the QMP.	ongoing
PPA	133	QMP QAPP	Submit, to EPA-NE Quality Assurance Unit, an updated annual list of new and active approved Quality Assurance Project Plans (QAPPs), including Sampling and Analysis Plans/QAPP Addendums approved under generic Program QAPPs.	to be completed in February 2008