Cross-Goal Strategies/O Objective VI E Provide s	•									
					_					
Strategies	Project/Activity	Deliverables	Deliverable Target Date	Funding Source	Person Responsible	Mandated Y or N	Priority	Risks	Division	MIS Support Needed
Respond to information requests	Maintain DEM information number and switchboard	40,000 phone calls received	09/30/05	State	Betty Moretti	N	1		OTCA	No
		7,100 walk-ins assisted	09/30/05	State	Betty Moretti	N	1		OTCA	No
	c. Schedule file reviews		09/30/05	State	Maureen Casey	N	1		OTCA	No
	d. Conduct Pre- applications Meetings	Number of Pre- application meetings conducted	09/30/05	State	Ron Gagnon	N	1		OTCA	No
2. Provide courteous assistance	a. Attend Customer Assistance Training		2006, 2007	State	Maureen Casey	N	3		All	No
B. Provide One stop permitting center	a. Develop agency permit application based on work flow	Permit Application	06/30/06	State	Ron Gagnon	N	2		All	Yes
	b. Provide design for counter service on 2nd floor	Remodeled Service area	06/30/06	State	Ron Gagnon	N	2		OTCA	No
Increase effective public participation on site remediation projects	a. Develop a program to provide funding assistance to community groups participating in site remediation projects	Program model with application and review criteria	12/31/05	State	Traci Pena					No
	b. Develop a guidance	Draft Guidance Manual	03/31/06	State	Traci Pena					No
5. Support DEM's 2005 Permitting Survey	a. Review and comment on draft 2005 Permitting Customer Survey.		14 days after completion of the draft report and forwarded to the Office.	State	Tom Getz Leo Hellested Steve Majkut Ron Gagnon Angelo Liberti Russ Chateauneuf	N			OAR OTCA OWM	No
5. Support DEM's 2006 Permitting Survey		A. Application forms need to be modified to request e-mail information.	09/30/05	State	Tom Getz Leo Hellested Steve Majkut Ron Gagnon Angelo Liberti Russ Chateauneuf				OAR OTCA OWM	No
	b. Permitting survey is being changed over to	B. E-mail list provided to Ombudsman.	06/30/06	State	Tom Getz Leo Hellested Steve Majkut Ron Gagnon Angelo Liberti Russ Chateauneuf				OAR OTCA OWM	No
7. Reduce taxes paid on pollution	a. Process Sales and Use Tax	4 Certification Letters	09/30/05	State	Ron Gagnon	N	2		OTCA	No
control equipment  B. Provide internal  coordination on projects  nvolving multiple offices.	a. Promote pre- application meetings.				Ron Gagnon All Bureau staff					
	b. Coordinate Dredge projects     c. Coordinate Federal				Ron Gagnon Ron Gagnon					
Provide clear and consistent information egarding regulatory equirements.	EIS projects. a. Coordinate with CRMC on Clean Marina program and permitting of marinas under the MSGP.				Ron Gagnon					

Dijective VI F Improve efficiency through the broader use of information management systems										
Strategies	Project/Activity	Deliverables	Deliverable Target Date	Funding Source	Person Responsible	Mandated Y or N	Priority	Risks	Division	MIS Suppor Needed
.Complete development and mplementation of an electronic permit tracking	a. Complete development and implementation of an electronic permit	Core permit process model	08/31/05						All	Yes
ystem	tracking system	Draft work flow	12/31/05						All	Yes
		tracking system Final work flow	06/30/06						All	Yes
		tracking system Staff training on	02/28/06						All	Yes
.Complete development and nplementation of an lectronic enforcement acking system	b. Complete development and implementation of an electronic enforcement tracking system	system Core enforcement process model		One Stop Grant					All	Yes
J ,	,	Draft work flow tracking system		One Stop Grant					All	Yes
		Final work flow tracking system		One Stop Grant					All	Yes
		Staff training on system		One Stop Grant					All	Yes
Complete development and mplementation of an electronic tracking system for work plan commitments	a. Complete development and implementation of an electronic tracking system for work plan commitments	Draft work flow tracking system	10/30/05	ECOS Grant	Thomas Getz				All	Yes
•		Final work flow tracking system	12/31/05	ECOS Grant	Thomas Getz				All	Yes
		Staff training on system	01/31/06	ECOS Grant	Thomas Getz				All	Yes
. Improvement management f data at contaminated sites EQUIS)	a. Finalize documentation and EDD for EQUIS system	Complete compilation of documentation	12/31/05	- Oran	Matt Destefano	N	2	Delays by Contractor support	OWM	Yes
	b. Conduct training for Labs and Contractors	Training completed	06/30/06		Matt Destefano	N	2	Same	OWM	Yes
. Improve water quality data haring and transfer internally nd externally	a. Develop a network     Node according to EPA     standards (NEIEN).	NODE, STORET Upload	03/31/06	STAG	Deb Merrill Alisa Richardson	Y	1	Approval through DoIT	All	Yes
	b. Build a water quality database, which used the NODE to automate STORET and laboratory data exchanges.	WQ Database STORET Upload	06/30/06	STAG	Deb Merrill Alisa Richardson	Y	1	Approval through DoIT	OWR	Yes
	c. Migrate PCS data to new EPA system.	Migration complete	01/31/06	STAG	Deb Merrill Alisa Richardson	Y	1	Staff resources	OWR	Yes
	d. Develop internal tracking system for RIPDES	Tracking system	10/30/07	STAG	Deb Merrill Alisa Richardson	Y	2	Staff resources	OWR	Yes
	e. Upload to STORET (contingent on RI- NODE & EPA COX development.	STORET Upload	12/31/06	STAG	Deb Merrill Alisa Richardson	Y	2	Approval through DoIT	OWR	Yes
. Improve Wetland data haring and transfer internally nd externally.	a. Continue implementation of automatic uploads of new wetland application data.	Data upload system	04/30/06	PPG-WL	Brian Butler	N	1	Staff resources	OWR	Yes
, ,	b. (1) create internet based application for text lookup of wetland applications	On-line	12/31/05	PPG-WL	Alisa Richardson	N	1	RI Gov. approval	OWR	Yes
	c. (2) Create internet- based application for map-based queries.	On-line	12/31/06	PPG-WL	Alisa Richardson	N	2	Staff resources	OWR	Yes
	d. Initiate phase I of georeferencing wetland	georeferencing records	TBD	PPG-WL	Paul Jordan	N	2	Staff resources	OWR	Yes
	compliance records. e. Improve CRMC data system to support tracking wetland loss/gains. Train CRMC	Programming modifications	12/31/06	PPG-WL	Alisa Richardson Contractor	N	2	Staff resources	OWR	Yes

cross-Goal Strategies/Op			d colontific m	noinles						
	•		•			[			T =	1000
Strategies	Project/Activity	Deliverables	Deliverable Target Date	Funding Source	Person Responsible	Mandated Y or N	Priority	Risks	Division	MIS Support Needed
Support implementation of le DEM Quality Managemen lan.			08/31/05	Federal / State	Tom Getz Barbara Morin Dave Chopy Cindy Gianfrancesco Sofia Kaczor Ron Gagnon Elizabeth Scott Eric Beck Terry Simpson Liz Lopes- Duguay	Y	1		OAR OC&I OWM OWR OTCA DAg	No
	b. Review and comment on draft DEM Annual Program Self- Assessment document.	Provide comments on draft tracked- changed DEM Annua Program Self- Assessment document.	09/30/05	Federal / State	Tom Getz Barbara Morin Dave Chopy Cindy Gianfrancesco Sofia Kaczor Ron Gagnon Elizabeth Scott Eric Beck Terry Simpson Liz Lopes- Duguay	Y	1		OAR OC&I OWM OWR OTCA DAg	No
	c. Provide list of personnel to Quality Manager who will attend training to conduct Program Self- Assessments.	List of attendees.	10/30/05	Federal / State	Tom Getz Barbara Morin Dave Chopy Cindy Gianfrancesco Sofia Kaczor Ron Gagnon Elizabeth Scott Eric Beck Terry Simpson Liz Lopes- Duguay	Y	1		OAR OC&I OWM OWR OTCA DAg	No
	d. Attend training to conduct Program Self-Assessments.	Attendance at training sessions.	10/30/05	Federal / State	Personnel identified on the list of attendees.	Y	1		OAR OC&I OWM OWR OTCA DAg	No
	e. Conduct Program Self-assessment	Program self- assessment	03/30/06	Federal / State	Barbara Morin Dave Chopy Cindy Gianfrancesco Sofia Kaczor Ron Gagnon Elizabeth Scott Eric Beck Terry Simpson	Y	1		OAR OC&Î OWM OTCA OWR	
	f. Attend Quality Team Meetings.	Attendance at Quality Team Meetings.	Quarterly or as needed.	Federal / State	Tom Getz Barbara Morin Dave Chopy Cindy Gianfrancesco Sofia Kaczor Ron Gagnon Elizabeth Scott Eric Beck Terry Simpson Liz Lopes- Duguay	Y	1		OAR OC&I OWM OTCA OWR DAg	No



2006 EPA NE Related Activities	EPA Contacts
GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE	
Objective 1.1 Healthier Outdoor Air	
Sub-Objective 1.1.1 More People Breathing Cleaner Air	
Ground Level Ozone & Fine PM	
NE 1 Continued promotion of Best Workplaces for Commuters	Manager: Dave Conroy 617-918-1661, Tech: Lucy
	Edmondson 617-918-1004
Title V Permits	
NE 1 Review state permits	Manager: Dan Brown 617-918-1048, Tech: Donald Dahl 617-918-1657, Ida McDonnell 617-918-1653
NE 2 Respond to citizen petitions	Manager: Dan Brown 617-918-1048, Tech: Donald Dahl 617-918-1657, Ida McDonnell 617-918-1653
RI 1 Review State Title V Program	Manager: Dan Brown 617-918-1048, Tech: Donald Dahl 617-918-1657, Ida McDonnell 617-918-1653
Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants	
Air Toxics	
NE 1 Work with States to implement MACT/BACT/GACT	Manager: Dan Brown 617-918-1048, Tech: Susan Lancy 617-918-1656
NE 2 Support Community Based Air Toxics and CARE and evaluate results	Manager: Dan Brown 617-918-1048, Tech: Marybeth Smuts 617-918-1512, Susan Lancy 617- 918-1656
R1 1 Participate on TAC for T.F. Green Airport Monitoring study	Manager: Katrina Kipp 617-918-8309, Tech: Peter Kahn 617-918-8392
R1 1 Conduct QA/QC analyses for Air Toxics	Manager: Katrina Kipp 617-918-8309, Tech: Peter Kahn 617-918-8392
Objective 1.2 Healthier Indoor Air	
NE 1 Support implementing Tools for Schools and Environmental Tobacco Smoke projects	Manager: Dan Brown 617-918-1048, Tech: Eugene Benoit 617-918-1639, Marybeth Smuts 617-918-1512
Objective 1.3 Protect the Ozone Layer	
Objective 1.4 Radiation	
NE 1 Implement SIRG and support State Radon Programs	Manager: Dan Brown 617-918-1048, Tech: Eugene Benoit 617-918-1639, Dan Burke 617-918- 1285
Sub-Objective 1.4.1 Enhance Radiation Protection	
Sub-Objective 1.4.2 Maintain Emergency Response Readiness	
EPA will continue to work with the New England states on Homeland Security and emergency re-	
readiness issues through routine, day-to-day coordination and the existing Regional Response T mechanism.	eam Anthony Honnellio 617-918-1456
Objective 1.5 Reduce Greenhouse Gas Intensity	

	Objective 1.6 Enhance Science & Research	
	Sub-Objective 1.6.1 Provide Science to Support Air Program	
R1 1	Conduct QA/QC analyses for PAMS and carbonyls	Manager: Katrina Kipp 617-918-8309, Tech: Peter Kahn 617-918-8392
R1 1	Analyze RI Monitoring Samples for metals	Manager: Katrina Kipp 617-918-8309, Tech: Peter Kahn 617-918-8392
R1 1	Conduct performance audit program of state monitoring sites	Manager: Katrina Kipp 617-918-8309, Tech:Chris St. Germaine 617-918-8384
	Sub-Objective 1.6.2 Conduct Air Pollution Research	
	GOAL 2: CLEAN & SAFE WATER	
	Objective 2.1 Protect Human Health	
	Sub-Objective 2.1.1 Water Safe to Drink	
	Sub-Objective 2.1.2 Fish & Shellfish Safe to Eat	
	Sub-Objective 2.1.2 Plan & Greinish Gate to Eat Sub-Objective 2.1.3 Water Safe for Swimming	
	Objective 2.2 Protect Water Quality	
	Sub-Objective 2.2.1 Improve Water Quality on a Watershed Basis	
	Watershed Assessment/Monitoring	
	303(d)/305(b)	
NE 1	Hold 303(d)/305(b) workshop for states; review draft and final Integrated Reports	Manager: Katrina Kipp 617-918-8309, Tech: Diane
		Switzer 617-918-9377
R1 1	EPA will work to improve the timeliness of its review of Rhode Island's draft and final 303(d) list.	Manager: Steve Silva 617-918-1561
R1 1	EPA will accept the use of older data consistent with the current EPA guidance for the next 303(d)list.	Manager:Katrina Kipp 617-918-8309, Tech: Diane Switzer 617-918-8377
	Monitoring	
NE 1	Provide assistance with continued development and implementation of water monitoring strategies; provide guidance for developing wetlands coverage	Manager: Katrina Kipp 617-918-8309, Tech: Diane Switzer 617-918-9377
NE 2	Provide field and lab monitoring support as feasible, based on state requests for assistance to the lab	Manager: Katrina Kipp 617-918-8309
	STORET	
NE 1	Continue to provide support for STORET and ADB implementation through the national contract, holding workshops, training, etc.	Manager: Katrina Kipp 617-918-8309, Tech: Diane Switzer 617-918-9377
	Watershed Protection	
	Water Quality Standards - Biological, Nutrient, Temperature	
NE 1	Support Biological Condition Gradient project with biocriteria funds through Tetra Tech contract	Manager: Katrina Kipp 617-918-8309, Tech: Hilary Snook 617-918-8670
R1 1	EPA will work to improve the timeliness of its review of Rhode Island's draft TMDLs.	Manager: Steve Silva 617-918-1561
	Watershed Restoration	g
	Sub-Objective 2.2.2 Improve Coastal & Ocean Waters	
	Dredged Material Management	
NE 1	Participate on Regional Dredging Team with Army Corps of Engineers, National Marine Fisheries Service, U.S.	Manager: Mel Cote 617-918-1553, Tech: Matt
	Fish and Wildlife Service, and state coastal zone and resource management agencies.	Liebman 617-918-1626
NE 2	Co-chair, with the Corps and NMFS, the Regional Dredging Team Technical Workgroup (aka Sudbury Group),	Manager: Mel Cote 617-918-1553, Tech: Matt
	and conduct two meetings each year.	Liebman 617-918-1626

	No Discharge Areas	
NE 1	Continue support with educational material	Manager: Mel Cote 617-918-1553, Tech: Ann
		Rodney 617-918-1538
NE 2	Continue support with technical support.	Manager: Mel Cote 617-918-1553, Tech: Ann
		Rodney 617-918-1538
	Objective 2.3 Science & Research	
	Sub-Objective 2.3.1 Apply Best Available Science	
	Sub-Objective 2.3.2 Conduct Leading Edge Research	
	Provide leadership, tech transfer, data support and other support to states for participation in New England	Manager: Katrina Kipp 617-918-8309, Tech: Hilary
	REMAP Lakes and Ponds Study (NELAP), Biological Condition Gradient (BCG) workgroup, other	Snook 617-918-8670
	biological/water quality monitoring activities, and attend relevant regional meetings/conferences (e.g., NEAEB)	
	Provide technical and coordination support to states for participation in EPA national Wadeable Streams	Manager: Katrina Kipp 617-918-8309, Tech: Hilary
	Assessment and national Lakes and Ponds Assessment	Snook 617-918-8670
	Lead and provide support to states for participation in northeast Ecoregionalization Project, if funding is	Manager: Katrina Kipp 617-918-8309, Tech: Diane
	obtained	Switzer 617-918-9377
	GOAL 3: LAND PRESERVATION & RESTORATION	
	Objective 3.1 Preserve Land	
NE 1	Provide additional technical support, advice, guidance and policy interaction through NEWMOA	Marv Rosenstein 617-918-1631
	Sub Objective 3.1.1 Reduce Waste Generation & Increase Recycling	
	RCRA Authorization	
RI 1	Provide comment on draft authorization application	Manager: Ernest Waterman 617-918-1369, Tech:
		Robin Biscaia 617-918-1642
	RCRA Permit Renewals	
RI 1	Provide permitting support as needed	Manager: Ernest Waterman 617-918-1369, Tech:
		Jui Yu Hsieh 617-918-1646
	Resource Conservation Challenge	
	EPA will assist Rhode Island in their efforts to increase the rate of commercial recycling in the state for targeted	Tom D'Avanzo 617-918-1801, Cynthia Greene
	sectors and waste streams. This assistance could include organization of stakeholder meetings, organization	617-918-1813, Chris Beling 617-918-1792
	of information sharing sessions with other states, and other types of technical and program assistance.	
	Sub Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	
	UST	
NE 1	Provide states continued assistance as requested on active UST field inspection program.	Manager: Larry Brill 617-918-1301, Tech: Bill
		Torrey 617-918-1311, Kim Schweisberg 617-918-
		1307
	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	Manager: Art Johnson 617-918-1251, Dave
	readiness issues through routine, day-to-day coordination and the existing Regional Response Team	McIntyre 617-918-1281, Steve Novick 617-918-
	mechanism.	1271, Tech: Cosmo Caterino 617-918-1264
	Sub Objective 3.2.2 Clean Up & Reuse Contaminated Land	
	Superfund Sites	

NE 1	States work collaboratively with EPA to review and concur of all Superfund decision documents as outlined in CERCLIS	Manager: Larry Brill 617-918-1301
RI 1	States work collaboratively with EPA to review and concur of all Superfund decision documents as outlined in CERCLIS	Manager: Larry Brill 617-918-1301, Tech: Mike Jasinski 617-918-1352
	LUST	
	Not PPG elible - funds are in separate LUST Trust Cooperative Agreement.	
NE 1	Provide technical and policy support and coordination for all states as requested.	Manager: Larry Brill 617-918-1301, Tech: Bill Torrey 617-918-1311, Kim Schweisberg 617-918- 1307
	Sub Objective 3.2.3 Maximize Potentially Responsible Party Participation & Superfund Sites	
	Objective 3.3 Enhance Science & Research	
	Sub Objective 3.3.1 Provide Science to Preserve & Remediate Land	
	Sub Objective 3.3.2 Conduct Research to Support Land Activities	
	,	
	GOAL 4: HEALTHY COMMUNITIES & ECOSYSTEMS	
	Objective 4.1 Chemical, Organism & Pesticide Risks	
	Sub-Objective 4.1.1 Reduce Human Exposure to Toxic Pesticides	
	Pesticides Program	
NE 1	Provide technical and policy support and coordination for all states as requested.	Manager: Kristi N. Rea 617-918-1595, Tech: Robert Koethe 617-918-1535
NE 2	Attend semiannual pre-SFIREG (State FIFRA Issues Research Evaluation Group) meeting.	Manager: Kristi N. Rea 617-918-1595, Tech: Robert Koethe 617-918-1535
NE 3	Implement Strategic Agricultural Initiative (SAI) with commodity groups and farming population across New England.	Manager: Kristi N. Rea 617-918-1595, Tech: Andrea Szylvian 617-918-1198
NE 4	Provide outreach and education to key stakeholders and general public with focus on integrated pest management.	Manager: Kristi N. Rea 617-918-1595, Tech: Robert Koethe 617-918-1535
NE 5	Participate in key regional partnership efforts with critical stakeholders (e.g. USDA, Agricultural Extension Programs, etc.).	Manager: Kristi N. Rea 617-918-1595, Tech: Robert Koethe 617-918-1535
	Sub-Objective 4.1.2 License Pesticides	
	Sub-Objective 4.1.3 Reduce Chemical & Biological Risks	
	PCB Program	
NE 1	Provide technical and policy support and site-specific coordination (e.g. cleanup and disposal/storage/R&D permits) as appropriate.	Manager: Kristi N. Rea 617-918-1595, Tech: Kim Tisa 617-918-1527
NE 2	Track number of acres of remediated property from PCB cleanups and remedial activities.	Manager: Kristi N. Rea 617-918-1595, Tech: Kim Tisa 617-918-1527
	Lead Program	
NE 1	Provide technical and policy support on lead poisoning issues as appropriate.	Manager: Kristi N. Rea 617-918-1595, Tech: James Bryson 617-918-1524
NE 2	Attend and support meetings of the New England Lead Coordinating Committee (NELCC) and Consortium of	Manager: Kristi N. Rea 617-918-1595, Tech:
	Northeast States and Tribes (CONEST) to maintain regional lead poisoning prevention infrastructure.	James Bryson 617-918-1524
NE 3	Provide lead education and outreach to citizens across New England and other key stakeholders.	Manager: Kristi N. Rea 617-918-1595, Tech: James Bryson 617-918-1524
	Asbestos Program	

NE 1	Provide technical and policy support on asbestos issues as appropriate.	Manager: Kristi N. Rea 617-918-1595, Tech: James Bryson 617-918-1524
NE 2	Attend and support meetings of the Consortium of Northeast States (CONES) to maintain regional asbestos infrastructure.	Manager: Kristi N. Rea 617-918-1595, Tech: James Bryson 617-918-1524
	Sub-Objective 4.1.4 Reduce Risk at Facilities	
	Objective 4.2 Communities	
	Sub-Objective 4.2.1 Sustain Community Health	
	Urban Environmental Program	
NE 1	Design and implement the annual, competitive "Healthy Communities Grant Program" integrating program resources to identify competitive projects that will achieve measurable environmental, human health, and quality of life improvements in communities across New England.	Manager: Kristi N. Rea 617-918-1595, Tech: Sandra Padula 617-918-1797
NE 2	Target Urban Environmental Program efforts with community partners and other key stakeholders in urban areas across Massachusetts, Rhode Island, and Connecticut.	Manager: Kristi N. Rea 617-918-1595, Tech: Stacey Johnson-Pridgeon 617-918-1552
RI 1	Work with community partners and other key stakeholders in urban areas across Rhode Island to build community capacity to assess and resolve environmental problems and achieve measurable and sustainable improvements by implementing multi-media projects.	Manager: Kristi N. Rea 617-918-1595, Tech: Danielle Fuligni 617-918-1523
	Sub-Objective 4.2.2 Restore Community Health	
	Environmental Justice	
NE 1	Work with designated point(s) of contact to define activities that advance EJ within the state programs and incorporate commitments into PPA. Meet quarterly to review progress in meeting PPA commitments with state designated POC.	Manager: Lois Adams 617-918-1591
NE 2	Participate in the Asthma Regional Council.	Manager: Lois Adams 617-918-1591
NE 3	Review EISs to address potential EJ issues.	Manager: Lois Adams 617-918-1591
NE 4	When submitted, investigate EJ/TitleVI complaints.	Manager: Lois Adams 617-918-1591
RI 1	Coordinate with UEP as needed.	Manager: Lois Adams 617-918-1591
	Urban Environmental Program	
NE 1	Design and implement the annual, competitive "Healthy Communities Grant Program" integrating program resources to identify competitive projects that will achieve measurable environmental, human health, and quality of life improvements in communities across New England.	Manager: Kristi N. Rea 617-918-1595, Tech: Sandra Padula 617-918-1797
NE 2	Target Urban Environmental Program efforts with community partners and other key stakeholders in urban areas across Massachusetts, Rhode Island, and Connecticut.	Manager: Kristi N. Rea 617-918-1595, Tech: Stacey Johnson-Pridgeon 617-918-1552
RI 1	Work with community partners and other key stakeholders in urban areas across Rhode Island to build community capacity to assess and resolve environmental problems and achieve measurable and sustainable improvements by implementing multi-media projects.	Manager: Kristi N. Rea 617-918-1595, Tech: Danielle Fuligni 617-918-1523
	Sub-Objective 4.2.3 Assess & Clean Up Brownfields	
	Brownfields	
NE 1	Each state receives funding from the Brownfields Program through a Brownfields State Response Program Cooperative Agreement issued under the new Brownfields law, (CERCLA, Section 128(a)). Using this funding, each state will continue to develop program capability and assist grantees. EPA will promptly award and manage EPA BF grants, and will conduct outreach.	Manager: Mary Sanderson 617-918-1381, Carol Tucker 617-918-1221, Tech: Diane Kelley 617-918- 1424
	Objective 4.3 Ecosystems	
	Sub-Objective 4.3.1 Protect & Restore Ecosystems	
	Sub-Objective 4.3.2 Increase Wetlands	
	Objective 4.4 Enhance Science & Research	

Sub-Objective 4.1.1 Apply the Best Available Science	
Sub-Objective 4.1.2 Conduct Relevant Research	
GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP	
Objective 5.1 Improve Compliance	
Sub-Objective 5.1.1 Compliance Assistance	
Sub-Objective 5.1.3 Monitoring & Enforcement	
Objective 5.2 Improve Environmental Performance through Pollution Prevention & Innovation	
Sub-Objective 5.2.1 Prevent Pollution & Promote Environmental Stewardship by Government & the	
Public	
Sub-Objective 5.2.2 Prevent Pollution & Promote Environmental Stewardship in Business	
Sub-Objective 5.2.3 Business & Community Innovation	
Sub-Objective 5.2.4 Environmental Policy Innovation	
Objective 5.3 Build Tribal Capacity	
Objective 5.4 Enhance Science & Research	
CROSS CUTTING ISSUES	
Performance Partnership	
The Regional Office will participate in the joint evaluation described in the PPA.	Manager: Robert Goetzl 617-918-1671, Tech: Deborah Harstedt 617-918-1085

## **APPENDIX A**

## **Significant Noncompliance Statement**

According to national enforcement policy, implementers of programs to enforce the Clean Air Act, the Clean Water Act, the Safe Drinking Water Act, and the Resource Conservation and Recovery Act are required to identify and address significant noncompliers (also called significant violators) to minimize or eliminate risk to human health and the environment. To this end, to the extent that resources and laws allow, the state commits to (1) undertake targeting strategies and inspection protocols designed to identify significant noncompliance, (2) identify detected significant noncompliers and continue to submit data for national enforcement databases maintained by EPA, (3) communicate and coordinate with EPA on the enforcement actions undertaken in response to the significant noncompliance on a monthly or quarterly basis depending on the program needs, and (4) address these identified facilities with enforcement responses sufficient to ensure compliance and recovery of penalties. Monetary penalties recovered should be in accordance with federal and state penalty policies, including an economic benefit penalty, but never less than the economic benefit of noncompliance and, where appropriate, a gravity based penalty sufficient to deter further noncompliance.



## **APPENDIX B**

## Findings Regarding Massachusetts Wastewater Treatment Facilities Impacting Narragansett Bay: Need for Abatement of Massachusetts Discharges to the Seekonk River

The Seekonk River is the most nutrient impacted area of Narragansett Bay. This segment currently receives nitrogen loads at a rate 24 times higher than the average loading to Narragansett Bay (24X). Application of the Marine Ecosystem Research Laboratory (MERL) nutrient enrichment gradient studies conducted at the University of Rhode Island indicates that reduction to the 2X to 4X level is required to meet water quality standards.

RIDEM has determined that five MA WWTFs contribute 43% of the WWTF nitrogen loading to the Seekonk River. This evaluation considers nitrogen uptake along the Blackstone and Ten Mile Rivers. RI has developed a phased implementation plan to reduce the discharge of nitrogen from RI and MA WWTFs to the Providence and Seekonk Rivers. The first phase of the nitrogen reduction plan, which includes comparable reductions from Massachusetts WWTFs, will reduce the 95-96 seasonal loading to the Seekonk River by 59%, from the 24X to 10X level. As a result of this plan, the MA WWTFs contribution would represent 59% of the allowable load to the Seekonk; UBWPAD alone would represent 37%. While it is anticipated that further reductions will be necessary, a substantial reduction will be achieved. DEM has proposed the following total nitrogen discharge limits for MA WWTFs along with the requirement to operate the treatment facility to reduce the discharge of total nitrogen, during the months of November through March, to the maximum extent possible using all available treatment equipment in place at the facility, except methanol addition.

	Monthly Average Tota Nitrogen Limit (May- October)
UBWPAD	5.0 mg/l
Grafton	8.0 mg/l
Uxbridge	8.0 mg/l
Attleboro	8.0 mg/l
North Attleboro	8.0 mg/l

MADEP is opposed to the establishment of permit limits but is willing to work with WWTFs to optimize existing operations to reduce nitrogen their effluent to the extent practicable and has proposed the collection of additional data to evaluate environmental impacts. The MADEP proposal (assuming total nitrogen of 10 mg/l) would only result in a 31% reduction in WWTF loading (the 17X loading condition). This reduction will not be sufficient since the Fields Point Reach of the Providence River exhibits significant signs of impairment from nutrient over enrichment and is currently at the 18X condition. Furthermore, if the MADEP proposal were adopted, MA WWTFs would contribute 76% of the load to the Seekonk River, the UBWPAD WWTF alone, would represent 59% of the loading to the Seekonk River.

After consideration of this information, it is even more apparent that implementation of the loading reductions proposed by DEM are necessary to ensure substantial progress toward achieving water quality criteria in the Seekonk River Providence River and Upper Narragansett Bay, and should not be delayed.

The DEM and EPA Region 1 must work together to develop and implement a plan for achieving equitable regulation of WWTF discharges to reduce nutrient impacts and achieve acceptable levels of dissolved oxygen throughout the region.

In particular, EPA Region I will develop and implement a plan for establishing the nitrogen discharge limits for the MA WWTFs identified above to ensure equitable regulation of WWTF discharges impacting the Seekonk River, Providence River, and Upper Narragansett Bay.

EPA agrees to work with MADEP and the Town of Swansea to develop and implement a plan to ensure inadequate sewage disposal and other water quality issues documented in the draft interstate Kickemuit River and Reservoir TMDL are properly addressed.

A remaining issue is that MADEP water quality regulations do not recognize the reservoirs located in Massachusetts utilized by Bristol Country Water Authority (BCWA) (Shad Factory Reservoir and Anawan Reservoir) as public water supply waters nor the Kickemuit River (including Swansea Reservoir) as a tributary to a public water supply reservoir. The raw water supply system's evident water quality problems, the critical need to maintain the Kickemuit Reservoir system as a viable water supply, and the fact that the watershed in Massachusetts continues to experience development pressure seems irrelevant to non-RI officials.

Draft revisions to the MADEP regulations were recently available for public comment. Office of Water Resources submitted comments requesting that MADEP formally recognize these waters as public water supply sources. USEPA agrees to work toward recognizing these waters as public water supplies (Class A).