

Performance Partnership Agreement Federal Fiscal Years 2020 - 2023

Between the Massachusetts Department of Environmental Protection

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Massachusetts Department of Environmental Protection

and the

U.S. Environmental Protection Agency Region I



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**Massachusetts Department of Environmental Protection
Program Plan/Performance Partnership Agreement Work Plan FFY2020-2023**

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Attachment A: Priorities & Commitments List

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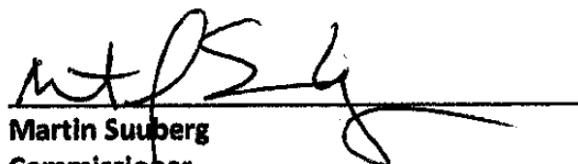
Attachment C: Confidential Inspection Plan (Separate)

EXECUTION OF THE AGREEMENT

This Performance Partnership Agreement (Agreement or PPA) between the Massachusetts Department of Environmental Protection and the U.S. Environmental Protection Agency, Region I (EPA Region 1), covers the time period from 10/1/19 – 9/30/23 (FFY2020 - FFY2023). It is consistent with the principles embodied in the U.S. Environmental Protection Agency and the Environmental Council of the States joint agreement to develop an effective National Environmental Performance Partnership System (NEPPS).

By entering into this Agreement, both agencies commit to: 1) improving communications using agreed-upon outcomes and environmental measures; 2) aligning and integrating both agencies' goals, objectives, and targets; 3) investing resources in the identified Areas for Collaboration; and 4) ensuring that limited staff and financial resources are used judiciously to address the most significant environmental and programmatic issues in the state and region.

The undersigned execute this Agreement between the Massachusetts Department of Environmental Protection and EPA Region 1 for federal fiscal years 2020 - 2023. The Agreement, including the Areas for Collaboration, will be reviewed annually (as will the associated EPA Region 1 Priorities & Commitments Lists and Massachusetts Department of Environmental Protection Comprehensive Work Plans), and modified as necessary to ensure that it remains relevant and up-to-date.



Martin Suuberg
Commissioner
MassDEP
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This, the 24th day of June, 2020.

Dennis Deziel
Regional Administrator

U.S. EPA Region I
5 Post Office Square, Suite 100
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This, the ____ day of June, 2020.

Massachusetts Department of Environmental Protection Program Plan/Performance Partnership Agreement FFY2020-2023

I. Introduction

This document is the Performance Partnership Agreement (PPA) between MassDEP and the United States Environmental Protection Agency (EPA) for Federal Fiscal Years 2020-2023 (10/1/19-9/30/23). It includes discussions of programmatic priorities to be carried out under the 4-year (FFY20-FFY23) PPA between the two agencies. This PPA includes the Massachusetts Department of Environmental Protection's (MassDEP's) Program Plan for Federal Fiscal Years 2020 (10/1/19-9/30/20) and 2021 (10/1/20-9/30/21), which consists of a combined statement of goals, objectives, and activities that will be the framework for MassDEP's program-specific work for FFY20 and FFY21.

Guiding PPA Principles

The Massachusetts Department of Environmental Protection (MassDEP) has entered into Performance Partnership Agreements (PPAs) with the Environmental Protection Agency, Region I (EPA Region 1 or EPA) since federal fiscal year 1997. This agreement continues this process, which serves as the workplan for grants from EPA to the state covering a portion of the cost of operating MassDEP's programs, as well as pass-through funds for other related projects. The development of the combined grants simplifies grant administration, provides the opportunity to prioritize the use of these funds as set forth in the PPA, and allows for fewer state and federal resources devoted to grant oversight, reporting, and administration.

The terms of this PPA and the Performance Partnership Grant (PPG) are in sync and both cover the same four-year cycle. The most recent EPA/Massachusetts Priorities and Commitment List (P&C List) for FFY 2020 and 2021 is included in Appendix A. This P&C List serves as the annual work plan for the use of EPA funds granted through the PPG. It is renegotiated every two years with the opportunity to reopen during the second year for any necessary adjustments.

While the development of the FFY 2020-2023 PPA did not entail a separate strategic investment/disinvestment exercise as it has in the past, this general approach is well embedded in the

process for identifying potential Areas for Collaboration (see Section V.b.), as well as the process for negotiating the two-year P&C Lists and any comprehensive work plans generated.

This 2020-2023 PPA Draft Plan was prepared immediately prior to the COVID 19 pandemic. While the public health and environmental work in the areas identified in this draft continue to be priorities, the pandemic can be expected to raise new issues related to the public health and environmental impacts of the virus and concerns in our communities. Response to the pandemic (including the comments we receive on this document) will likely raise the need for adjustments to the workplan. Both agencies will continue to collaborate on issues raised by the COVID 19 emergency and will consult on these issues if adjustments to the Priorities and Commitments List are needed over the course of this PPA's term.

Performance Partnership Roles and Contributions

This Agreement defines the roles that both MassDEP and EPA will undertake to meet the program commitments. MassDEP and EPA recognize the primary role of MassDEP in administering federal environmental programs delegated to the state under federal law and carrying out state programs prescribed under state law. EPA's role in assisting MassDEP includes addressing multi-state or national issues directly, implementing programs not delegated to MassDEP, and working on targeted sectors, airsheds, or watersheds in conjunction with MassDEP. Several activities are common to both MassDEP and EPA, such as permitting, compliance, enforcement, monitoring, and outreach.

II. MassDEP's 4-Year Strategic Priorities (FFY2020-2023)

MassDEP's mission is to protect and enhance the Commonwealth's natural resources – air, water, land; to provide for the health, safety, welfare and enjoyment of the people and the protection of their property; and to advance environmental protection and sustainable economic development. We do this through a broad variety of programs and activities. MassDEP has secured its status as one of the most innovative and effective state environmental agencies in the nation, and we plan to build on this position in 2020. It is the agency's agenda to support Massachusetts as a healthier and more sustainable place in which to live, to raise families, to grow our businesses, and to protect the ecosystems upon which we and future generations depend.

MassDEP's major **Strategic Initiatives** for the four-year period of FFY20-23 include the following:

1. Addressing Emerging Contaminants - Including PFAS

Per- and Polyfluoroalkyl substances (PFAS) are highly fluorinated aliphatic compounds that have been manufactured and used in a variety of consumer products and industries worldwide, including firefighting foam, carpets, clothing, and cookware. PFAS have been released to the environment through a variety of means, are known to be a persistent pollutant, and can contaminate drinking water. Exposure to PFAS has been associated with adverse health effects, including changes in thyroid, liver, and kidney function. They are "emerging contaminants" because of the incomplete scientific information available about their effects. MassDEP has been working to address PFAS issues in a number of programs and our efforts will expand with new regulatory standards, assistance to public drinking water systems, and investigation and oversight of cleanup activities of known releases by the Bureau of Waste Site Cleanup. There is no current enforceable federal standard for PFAS in water, but in 2016 EPA issued a Health Advisory for two PFAS compounds in drinking water. Since then, MassDEP through its Office of Research and Standards issued a drinking water guideline in June 2018 for five PFAS compounds and an update in January 2020 for six compounds. MassDEP plans to take additional steps over the coming years.

- Because PFAS is an emerging contaminant, MassDEP will continue to research and consider new information on health and environmental effects associated with exposure to PFAS as it becomes available. Through its Office of Research and Standards MassDEP issued a drinking water guideline in June 2018 for five PFAS compounds. MassDEP will continue to review the new scientific information about PFAS and consider adjustments to the toxicity values and

associated drinking water guideline. As a result of this ongoing review, a revised guideline of 20 ppt for six compounds was issued in January 2020.

- Implement the final revisions to the Massachusetts Contingency Plan promulgated in December 2019 that create cleanup standards for PFAS in soil and groundwater.
- Enhance laboratory capacity to assist state-wide assessment of PFAS in drinking water and other media.
- Promulgate a Massachusetts Maximum Contaminant Level (MMCL) for drinking water and, if needed, phase in implementation of the final rule for public water systems based on population served and type of system, to accommodate an anticipated demand for services related to laboratory analyses, engineering design, equipment procurement, and construction. The agency plans to finalize the new drinking water standard in 2020.
- MassDEP regulates the land application of sludge and septage for beneficial purposes. All residuals products sold, distributed, and applied in Massachusetts are subject to an Approval of Suitability (AOS), which classifies biosolids for different uses based on the chemical quality and treatment to reduce pathogens. Each approval is renewed every five years. Effective January 2019, MassDEP has included a requirement for PFAS monitoring in all new or renewed AOSs. MassDEP plans to evaluate available monitoring results to develop a strategy for addressing PFAS in wastewater streams.
- The FY 2020 Supplemental Budget signed by Governor Baker includes \$4.2 million in funding for PFAS testing of public drinking water sources as well as other PFAS related efforts. PFAS testing will be available to all Public Water Suppliers (PWS) and to representative owners of private wells that are representative of conditions in municipalities that are not served by PWSs. A limited amount of grant money will be available to pay for the design of PFAS treatment systems at PWSs with water that exceeds the PFAS MMCL. In addition, the supplemental budget includes \$10.65 million to support zero-percent-interest loans for PWS to install treatment for PFAS removal.

2. Climate Change, Mitigating Greenhouse Gas Emissions and Supporting the Clean Energy Economy

Massachusetts is responding to the challenges of climate change at a variety of levels – regional, state and local. Global in reach, climatic change is demanding actions to further reduce emissions from within the commonwealth. There is a broad range of effects from climate change on the environment and human health which are addressed by a number of programs and strategies. Massachusetts will continue to lead on this issue with strategies and programs aimed at reducing greenhouse gas (GHG) emissions, with a focus on promoting energy efficiency and clean and renewable energy sources across

all sectors of the economy which mitigates energy price volatility, improves energy security, and increases employment opportunities in the clean energy sector.

Regional Efforts. Massachusetts will continue to lead in the reduction of power plant emissions under the nine-state Regional Greenhouse Gas Initiative (RGGI). With its lower adjusted regional emissions cap, the program will be administered to significantly cut GHG emissions while making funds available for energy efficiency efforts in Massachusetts. MassDEP and its partners will ensure that the Commonwealth attains the state's 2020 goals under the Global Warming Solutions Act. Working with the Department of Energy Resources (DOER), we will also ensure that Massachusetts will comply with the Federal Affordable Clean Energy Plan through RGGI and make any necessary adjustments with the other participating RGGI states.

MassDEP, along with the Executive Office of Energy and Environmental Affairs (EEA) and the Massachusetts Department of Transportation, is playing a leading role in the design of the Transportation Climate Initiative, a regional effort to reduce greenhouse gas emissions from the transportation sector with the goal of implementing the program as early as 2022.

State Efforts. MassDEP will also continue to support the deployment of zero-emission and alternative-technology vehicles, zero-net-energy drinking water and wastewater treatment facilities, the installation of solar panels and wind turbines on closed landfills or once-contaminated parcels, and offshore wind energy projects. Volkswagen settlement funds apportioned to Massachusetts will be administered through a state grant program to reduce emissions in accordance with the terms of the settlement agreement. The air regulations that create annual declining caps for greenhouse gas emissions from specific sectors (known as "3(d) regulations" for the section of the Global Warming Solutions Act which required their creation) will continue to be implemented to achieve planned emissions reductions.

MassDEP will work as part of the Energy and Environmental Affairs (EEA) team to advance existing state Greenhouse Gas (GHG) reduction programs. This work will involve updating the annual GHG emission inventory, providing assistance in data analysis, goal setting, and public participation opportunities.

Local Support. In addition, MassDEP will work with EEA and municipalities to analyze local risks and vulnerabilities, design and implement mitigation strategies, and support emergency response capabilities, in order to minimize the negative effects of climate changes on infrastructure, public health and natural systems. Working with EEA's Municipal Vulnerability Preparedness (MVP) program, MassDEP will support these efforts with technical assistance and permitting services. By supporting these changes, we will also support job growth and technological innovations in this sector.

3. Climate Change: Supporting Adaptive Measures to Improve Resiliency

In September 2018, Massachusetts released the Integrated State Hazard Mitigation and Climate Adaptation Plan (SHMCAP or Plan) in accordance with Governor Baker's Executive Order 569. The Plan, developed under the leadership of the Secretaries of Energy and Environmental Affairs and Public Safety and Security (EOPSS), is the Commonwealth's Hazard Mitigation Plan that meets the standards established by the Federal Emergency Management Agency, and also includes climate adaptation action items for state agencies that were identified through vulnerability evaluations, and identification of critical assets and services. MassDEP will work to implement its portions of the Plan, including adoption of revised precipitation models for wetlands permitting and performance standards for Land Subject to Coastal Zone Flowage. MassDEP will continue its work with the precipitation stakeholder group in 2020 to evaluate modeling options and adopt a framework that considers more climate-forward precipitation information. MassDEP will also continue its work with a technical advisory group to develop performance standards to apply in wetland areas subject to coastal storm flowage. Draft regulations will be prepared in 2020 and shared for public comment. The agency will also work closely with EEA and EOPSS to support adding municipal components to the SHMCAP and update the plan as required by FEMA.

Implementation of the SHMCAP will progress further during 2020 through the Resilient Mass Action Team (RMAT) that is focused on developing resiliency standards and a web-based tool for a variety of users. In addition, EEA and EOPSS will be working with the Executive Office of Administration and Finance to develop metrics for agencies to use in state capital planning efforts. MassDEP's staff will participate in the process by providing technical assistance on resiliency standards and capital planning metrics to drive emission reductions in projects involving physical assets, support more resilient natural ecosystems, and built environments.

MassDEP's Water Utility Resilience Program (WURP) Critical Infrastructure Mapping Initiative offers technical assistance to drinking water and wastewater systems by providing digitized Geographic Information System (GIS) maps of water utility system infrastructure. The GIS maps can be used for multiple purposes, including system planning and asset management, emergency response and recovery, and identifying vulnerabilities and resilient capacity to address the effects of climate change. Forty-five (45) water utilities in 31 communities across the state participated in this voluntary program during 2018, adding to the 49 utilities in 32 communities that participated in 2017. Combined with water utilities currently joining the initiative this year, \$1.3 million will have been contributed to technical assistance for 120 water utilities in 73 municipalities. This effort is ongoing and MassDEP plans to offer additional assistance in 2020.

4. Innovation: Develop a Cutting-Edge Information Technology System

MassDEP will continue working with EEA in transforming its current information technology system and building a new framework for information management. The Energy and Environmental Information and Public Access System (EIPAS) is currently built to support the enterprise-wide technology needs of EEA's agencies, and allow them to better serve our customers, and maximize our work efforts through better use of shared data and online tools. It is able to provide secretariat-wide and agency-wide paperless online permitting, provide detailed information about regulated facilities, enforcement activities, and environmental conditions to citizens online, greatly expand agency efficiency through computer-assisted tools like remote sensing instruments and hand-held electronic devices, and automate compliance screening of reports and other data. Fundamental system design work and construction of the permitting interface has been completed, and on-line permitting is now available for 165 permits. MassDEP will continue to prioritize and make additional permits available for on-line application and issuance over the next few years. Additional permitting functions and other complementary modules to improve compliance and enforcement processes, automating selected data, and report screening, are planned to be added to the EIPAS system or improved over the next several years.

5. Recycling and the Solid Waste Master Plan

MassDEP is in the process of developing the 2030 Solid Waste Master Plan which will set out a broad vision of waste management in the Commonwealth over the next decade. The Plan will address constrained and decreasing disposal capacity in the state and region, tight capacity at materials recovery facilities, and describe support for waste reduction strategies, including anaerobic digestion and composting. MassDEP will also focus on assisting municipalities confronting a recycling market that has changed significantly in recent years through technical and financial assistance programs. Expanding recycling capacity and reducing contamination should also drive innovation in this area to move the Commonwealth toward a zero-waste future.

6. Reducing Lead in School Drinking Water

Since 2016, MassDEP has utilized funding from the Clean Water Trust, in partnership with UMass Amherst and the Massachusetts Water Resources Authority (MWRA), to provide technical assistance to test drinking water in schools for lead and copper. With \$2.75 million of funding over two separate rounds, nearly 1,000 public schools and public early education and care facilities have participated and tested their drinking water. Thousands of samples from fixtures have been taken and analyzed, with results available on the MassDEP website. Schools have taken varying actions to address any elevated levels. MassDEP will initiate another phase of this program in 2020 using EPA's WIIN Act grant funds (\$967,000). This program will focus on publicly owned schools and childcare facilities and

privately-owned childcare facilities. Priority for funding will include the presence of children six years old and under, location in low-income areas, age of the facility, and likelihood of sustained building use as a childcare facility, information about community childhood lead levels from the Massachusetts Department of Public Health, and information on lead service lines. In addition, MassDEP will assist the Clean Water Trust in implementing their School Water Improvement Grant (SWIG) program, which will provide \$5 million in funding for water-bottle-filling stations at public schools and public early education and care facilities that have tested for and detected lead.

7. Building MassDEP Water Quality Monitoring Capacity

MassDEP's surface water monitoring program elements are summarized in "A Strategy for Monitoring and Assessing the Quality of Massachusetts' Waters to Support Multiple Water Resource Management Objectives 2016 – 2025" (the Monitoring Strategy). The goal embodied in the Monitoring Strategy is to implement a comprehensive monitoring program that serves all water quality management needs and addresses all water body types. Major themes in the Monitoring Strategy include: 1) focus on the watershed as the fundamental planning unit for water quality management; 2) assessment of biological communities, such as aquatic macroinvertebrates and fish, as the most reliable indicators of water quality conditions and ecosystem health; 3) application of new technology and streamlined systems for data processing and analysis to support monitoring and assessment activities; and 4) formation of and reliance on partnerships and collaboration to meet water quality goals. MassDEP continues to backfill monitoring and support staff lost to retirement, as well as expand monitoring capacity through increased application of new monitoring technologies, such as the use of unattended probes and data loggers and more efficient monitoring network designs. For example, MassDEP has established a new seven-year rotating watershed monitoring schedule that will facilitate survey logistics and provide flexibility to fulfill specific data needs in each watershed. In addition, MassDEP is formulating partnerships with a variety of organizations (e.g., USGS, EPA, other state agencies, MassBays, universities, and Watershed Groups) to expand the reach of monitoring and data collection to support assessments, Total Maximum Daily Loads (TMDLs), and other water quality management programs. For example, an increase in the availability of state funding in recent years has enabled MassDEP to fund monitoring projects through contractual arrangements with partner agencies such as USGS and through use of environmental consultants; this is expected to continue in the coming years. Finally, MassDEP is also administering a new Water Quality Monitoring Grant Program to assist non-profit organizations (e.g., watershed groups) to enhance their capacities to sample water from rivers, lakes and ponds, as well as coastal water bodies for bacterial analysis and increase the amount and spatial coverage of data available to MassDEP for surface water quality assessment.

8. Succession Planning / Workforce Development

MassDEP's workforce is highly educated, technically skilled, and on average has 15+ years of service with the Commonwealth. A large number of employees are or will become eligible for retirement in the coming four years. An estimated 30% or more of the MassDEP workforce may leave the agency in the next 3-5 years. To begin strategically addressing this issue, the agency engaged the University of Massachusetts Donahue Institute to develop a Resource Management Plan. The work includes designing a Knowledge Transfer Tool for staff to document their roles and facilitate smooth personnel transitions, as well as assessing the organizational impact of anticipated departures. Already well underway, this project will mature in the next four years into plan implementation in a number of areas: training in the use of the Knowledge Transfer Tool, documenting roles with the Tool, and developing strategic approaches to filling vacancies and adjusting resources to critical areas in the short and longer term. Importantly, this effort will consider the changing requirements of our work, efficiencies that may be gained with technology improvements, new demands and requirements, with the goal of shaping the agency's expertise to be ready to address the environmental issues of the future.

9. Strengthen Municipal Partnerships and Stakeholder Engagement.

MassDEP has focused for years on strengthening its bonds with municipalities and other stakeholders, through its regional offices and the Office of Municipal Partnerships and Governmental Affairs and the Office of Permit and Regulatory Ombudsman, increasing access to agency expertise for our partners and stakeholders, and providing enhanced opportunities for stakeholder coordination and technical assistance are the guiding principles of the agency and will continue to be a major focus for the term of this Agreement. Through these offices in Boston and our regional presence across the Commonwealth, we will strengthen partnerships with cities and towns, provide needed assistance, and promote increased understanding of the agency's programs that protect the environment and the public health.

The Office of Municipal Partnerships and Governmental Affairs coordinates cross-agency efforts to provide up-to-date and effective outreach and user-friendly assistance - both online and via traditional formats - to a range of groups that do business with MassDEP or rely on it for information. For municipalities, assistance from the Office of Municipal Partnerships and support from our regional offices will be targeted in the areas of stormwater management, working with regional stormwater collaboratives, emergency preparedness, and advancing municipal utility resiliency and climate preparedness.

The Office of Permit and Regulatory Ombudsman provides help for large, complex, or cutting-edge proposed facilities, and projects that will require permitting coordination among various local, state and federal agencies, or across multiple MassDEP regions. The Office also provides assistance for

proponents wanting to take advantage of Fast Track Permitting to accelerate MassDEP review. We will continue to improve the ability of the regulated community and the general public to obtain information, technical and staff assistance, and navigate MassDEP's website.

10. Advancing Efficiency Savings and Clean Energy Generation: the Clean Energy Results Program.

The Clean Energy Results Program (CERP) is an innovative initiative that integrates goals for creating sources of renewable energy and encouraging energy-efficient development with MassDEP's permitting and assistance functions. This joint initiative of MassDEP and the Massachusetts Department of Energy Resources (DOER) with assistance from the Massachusetts Clean Energy Center (CEC) encourages the development of clean-energy projects in Massachusetts. It is designed to focus the scientific expertise of MassDEP and DOER in an effort to smooth out any technical and regulatory barriers, assist and improve the siting and permitting processes related to these projects. Through this program, the Commonwealth will continue to provide technical assistance and establish clear and predictable permitting pathways for renewable energy. MassDEP will continue to harness its expertise to bolster energy efficiency and renewable energy at regulated sites and facilities and expand activities to:

- Encourage and support installation of innovative technological applications and development to scale through piloting and efficient permitting pathways for technologies advancing both energy efficiency and renewable energy generation.
- Build awareness of, and support climate readiness benefits to, efficiency and clean energy generation projects.
- Ensure safe siting and use of renewable energy sources (wind, solar, anaerobic digesters, hydropower, sustainable biomass, etc.)
- Encourage the expansion of recycling/conversion of organics to renewable energy (via anaerobic digestion), with the goal of diverting 800,000 tons per year of organic material from landfills and incinerators by 2030, and increasing energy production from aerobic and anaerobic digestion to 50 megawatts (MW) (from under 10 MW today).
- Support the installation of new solar photovoltaic on underutilized contaminated land and brownfields, and on closed and capped municipal and private landfills, to create green jobs and tax revenue benefitting Massachusetts communities.
- Expand energy management programs for wastewater and drinking water plants to meet the goal of achieving zero-net energy drinking water and wastewater treatment facilities.

III. MassDEP’s 1 Year Strategic Priorities, Core Functions, Initiatives and Activities (FFY20)

Along with the Four-Year Strategic Initiatives above, the following priorities will be pursued by MassDEP in FFY20. The annual workplan goals set out below are designed to implement programs to advance the long-term strategic methods of achieving more effective environmental protection in Massachusetts.

With the longer four-year term of this Performance Partnership Agreement, MassDEP is also committed to working on annual priorities that build on and align with EPA's National Strategic Plan. EPA has explained how the National Strategic Plan “identifies the measurable environmental and human health outcomes the public can expect over the next four years and describes how we intend to achieve those results. The Plan represents a commitment to our core values of science, transparency, and the rule of law in managing our programs.”

Specific commitments are set out in the Priorities and Commitments List for FFY20 and FFY21, which is part of this Agreement. The narrative descriptions below are intended to provide more context to the details in MassDEP’s two-year Priorities and Commitments Workplan.

- 1. **Climate Protection - Energy/Greenhouse Gas Reductions & Climate Change Preparedness.** In close coordination with our sister agencies, MassDEP will implement and maintain programs that target significant reductions in Greenhouse Gas (GHG) emissions, boost energy efficiency and renewable sources of energy, and expand green jobs in Massachusetts. Additionally, we continue to play a leading role in supporting local efforts to increase preparedness and protect existing infrastructure. Major activities include:
 - a. *Participation in the Regional Greenhouse Gas Initiative (RGGI):* This cooperative effort by ten Northeast and Mid-Atlantic states to reduce emissions of carbon dioxide through a market-based, multi-state cap-and-trade program will require a 30% reduction in emissions of carbon dioxide from electric power generators by 2030. Each year, the ten

- states cooperate in auctioning emissions allowances and invest the proceeds in measures such as energy efficiency, renewable energy and other clean energy technologies.
- b. *Implementation of the Massachusetts Global Warming Solutions, Green Communities, and Clean Energy Biofuels Acts:* MassDEP, along with the EEA and the Massachusetts Department of Energy Resources (DOER), will continue to implement these important laws. Some of our activities include: implementing a mandatory greenhouse gas (GHG) reporting program; working to achieve the 2020 GHG reduction target of 25% below 1990 emission levels; participating in the statewide stakeholder Advisory Committee and Subcommittees developing metrics and plans to meet the 2020 reduction goal; and working with 10 other states on a framework for a *Low Carbon Fuel Standard program*.

Air Quality permitting

- Facilitate clean energy development through timely permitting and technical assistance.

Implementation of the Global Warming Solutions Act

- Implement regulations mandating GHG emission reporting (310 CMR 7.71).
- Support the 2020 Clean Energy Climate plan.
- Support EEA’s activities in its assessment of climate change adaptation strategies.
- Implement §3(d) rules under the GWSA to comply with the Supreme Court decision in Kain v. DEP and Governor Baker’s Executive Order #569.

Tracking Greenhouse Emissions

- The Climate Registry (TCR): Continue to participate in voluntary reporting of GHG emissions for MassDEP.
- Update the annual GHG emissions inventory.

- MEPA GHG Policy: Continue to help implement EEA's policy for reporting and mitigating GHG emissions from large projects subject to the Massachusetts Environmental Policy Act (MEPA); finalize a guidance document for developers, consultants, and agency reviewers.

Supporting Transportation Emission Reductions

- Participate in the Zero Emission Vehicle (ZEV) Task force to implement the provisions of the multi-state ZEVMOU to advance the deployment of electric vehicles.
- Transportation Climate Initiative (TCI): Work with 10 other states and DC to develop regional plans/policies to reduce GHG emissions from the transportation sector cap and invest program.
- Continue to work with the Mass Department of Transportation (MassDOT) on the GreenDOT initiative: Implement regulations to codify GHG reduction targets for transportation in the Clean Energy and Climate Plan for 2020.
- Continue to implement the Massachusetts Electric Vehicle Incentive Program grants to municipalities, universities, and for workplace charging stations.
- Implement Rideshare program.
- Continued enforcement of tailpipe emissions control requirements (Automobile Enhanced Inspection and Maintenance Program).
- Implementing Low Emission Vehicle (LEV) Standards for vehicles sold in Massachusetts.
- Implementing transportation control programs that minimize vehicle miles traveled.
- Ensuring compliance with the “Big Dig” Administrative Consent Order.
- Issuing annual “conformity” approvals of regional transportation plans and improvement programs.
- Reduce diesel and vehicle emissions by: identifying and implementing additional diesel reductions and vehicle projects, as funding allows; implementing state-owned vehicle retrofits and the Massachusetts Markets Program under the Diesel Emissions Reduction Act (DERA) Federal funds; conducting anti-idling outreach and assistance, inspections and follow-up.

Coordination with DOER and ISO New England

- Continue to support DOER on Biomass Certifications for Renewable Portfolio Standards.
- Participate on ISO committee(s) to advise on decisions that might adversely affect air quality or GHG.

2. Improvements to Air Quality. MassDEP will continue to implement and update its State Implementation Plan (SIP) for attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for criteria pollutants and reducing regional haze. In addition, MassDEP will continue to control toxic air pollution.

a. *Ozone Attainment and Maintenance:* Maintaining the Ozone standard will involve continuing to develop and implement programs to control nitrogen oxides (NOX) and volatile organic carbon (VOC) pollutants which are the precursors to ozone and will involve working with the Ozone Transport Commission to minimize ozone transport into Massachusetts. Programs that help MassDEP to maintain attainment include tailpipe emission control inspection and maintenance programs, limiting NOx and VOC emissions through stationary source permits, and implementing programs that limit VOC emissions from consumer, industrial, and building maintenance products.

b. *Regional Haze Improvement:* EPA’s Regional Haze Rule calls for states to establish goals and emission reduction strategies for improving visibility in Federal Class I areas, with the next increment of progress to be achieved by 2028. Massachusetts will continue to work with the Mid-Atlantic-Northeast Visibility Union (MANE-VU) states on regional strategies to be included in the next round of regional haze SIPs. Many of the measures taken to control ozone and fine particulates help to control regional haze.

c. *Air Toxics:* MassDEP will continue to reduce air toxics emissions with particular attention on mercury and diesel emissions. In addition, we will continue to implement anti-idling programs and implement federal Maximum Achievable Control Standards for major stationary and area air pollution sources. MassDEP will also begin to assess potential significance of air emissions sources of PFAS.

Ambient Air Quality Protection – National Ambient Air Quality Standards (NAAQS)

- Continue actions to maintain attainment with National Ambient Air Quality Standards (NAAQS), with particular attention to ozone - the only national standard that continues to pose a challenge to maintaining attainment.

- Continue to work with the Ozone Transport Commission (OTC) to reduce air pollution transported into the state and ensure that it does not contribute to violations of the ozone NAAQS in Massachusetts.
- Work with the Mid-Atlantic and New England states (MANE-VU) to develop and implement strategies for the control of regional haze. Participate in regional and national air pollution transport discussions as organized by ECOS, OTC and EPA.
- Review proposed NAAQS revisions and provide comments on protection of public health and sensitive subgroups in coordination with NESCAUM, and coordinate with Massachusetts Dept. of Public Health on interpretation of NAAQS and appropriate risk communication messaging.
- Allowable Ambient Limits (AALs) – Continue to update AALs as needed to support air and toxics programs.
- Consider emerging research on impacts of coronavirus as it relates to the NAAQs program.

Update State Implementation Plans

- Submit Regional Haze SIP for the 2020 to 2030 planning period.
- Supplement Reasonably Available Control Technology (RACT) SIP with additional regulation amendments and update Cambridge Parking Freeze SIP.

Permitting and Compliance Assurance for Stationary Sources

- Continue to allocate permitting & compliance-assurance resources based on environmental risk and the environmental performance of the various groups of sources we regulate.
- Issue and renew air operating permits and incorporate new emission control requirements (MACT, NSPS, GHG) as applicable into operating permits.
- Issue plan approvals for new, expanded and modified facilities, operations or equipment.
- Review compliance reports from major sources of air pollution and inspect the portion of them due for inspection under the alternative compliance monitoring strategy (ACMS).
- Take appropriate follow-up enforcement action in response to compliance problems identified through inspections or report reviews.
- Inspect a sub-set of the 2,000+ minor air pollution sources as per the ACMS and agency priorities.

- Manage the Stage I vapor recovery program, including managing compliance reports and conducting appropriate follow-up inspections and enforcement.
- Maintain the stationary source emissions inventory, including the collection and analysis of over 1,000 reports per year.
- Respond to requests for assistance from regulated entities as well as cities and towns, including complaints from residents and businesses regarding dust, noise and odor or possible illegal activities, as resources allow.
- Provide compliance assistance to Fire Departments, including enforcement backup where necessary, so they can manage open burning and minimize air quality impacts.
- Reduce emissions from area sources by implementing programs/regulations to minimize the air impacts of fuels, consumer products, and commercial and industrial formulations, such as architectural coatings and adhesives and sealants.

Controlling Air Toxics

- Continue to implement the Mercury Management Act and other mercury control/reduction strategies (including participation in regional and national mercury initiatives). (See Goal 4 below.)
- Implementing the asbestos program regulations and overseeing strategies to focus on the highest priority asbestos emissions.
- Implementing maximum achievable control technology (MACT) programs for which we have delegation and for which MassDEP may choose to seek delegation.

Ambient Air Quality Monitoring and MassAir Online

- Continue to operate, maintain and analyze the data from state-operated monitors located at 21 monitoring stations in 17 municipalities.
- “Air Online” Web Page – Continue to maintain the MassDEP air monitoring program and MassAir Online, which provides real-time ambient air quality data as well as information about trends and health effects.



3. Water Resource Management and Water Quality Improvement Strategy

- a. *Southeastern Massachusetts and Cape Cod Nitrogen: Watershed Based Reductions:* Nitrogen pollution is a critical issue in the bays and estuaries of southeastern Massachusetts and Cape Cod. MassDEP has committed substantial resources to develop a solid scientific understanding of the causes of the problem and to developing total maximum daily loads (TMDLs) which will assist in the development of plans for achieving needed load reductions. The location and status of the TMDLs is available at: <https://www.mass.gov/files/documents/2019/07/17/mepmap2019.pdf>. In the coming years, MassDEP will continue partnering with the communities, EPA, and other interested stakeholders to find and implement cost-effective solutions and achieve nitrogen load reductions. These efforts include a proposal to revise Title 5's definition of Nitrogen Sensitive Areas to enable MassDEP to designate these areas and include nitrogen loading limits to protect ambient water quality, in addition to protection of drinking water.
- b. *Supporting Cape Cod Regional Water Quality Plan Implementation (Section 208):* MassDEP will continue to prioritize working with Cape Cod communities to address water quality issues on Cape Cod. In June 2015, Governor Baker certified and submitted to EPA the Cape "208" water quality plan, developed by the Cape Cod Commission (CCC), to address the longstanding problem of excessive amounts of nitrogen pollution, primarily from septic systems, discharged into the water bodies and estuaries of Cape Cod. The 208 Plan will facilitate development of the most effective and affordable solutions to the problem, tailored to local needs. One of the first tasks called for in the 208 Plan was for Cape communities to develop "watershed reports" for all the watersheds on the Cape. These reports will serve as a starting point for discussions regarding effective and cost-efficient solutions, particularly in watersheds shared by more than one town. In March 2016, Secretary Beaton awarded a \$950,000 grant to Barnstable County to provide the planning tools, technical assistance, and monitoring needed to create effective plans. In September 2016, the CCC provided completed reports for all the watersheds on the Cape. In 2018 MassDEP issued a Watershed Permit to four towns located on Pleasant Bay that enables them to undertake a myriad of nitrogen reduction efforts and receive credits for the actions taken. The degree of water quality

improvement/nitrogen reduction estimated during the design phase will be verified in the implementation phase through sampling at designated stations and sentinel stations. MassDEP expects to implement similar measures to implement the 208 Plan in other communities on Cape Cod.

- c. *Stormwater Management:* The revised final MS4 permit was released by EPA and MassDEP on April 4, 2016 for municipal stormwater systems, with an original effective date of July 1, 2017 that was postponed until July 1, 2018. EPA recently reached negotiated settlements regarding appeals of the MS4 permit which, as a result, is expected to be modified this year. The permit covers approximately two-thirds of the geographic area of the state. Compliance with this general permit will require significant municipal effort over several years, as the permit contains many more detailed requirements for meeting the 6 minimum control measures than the previous 2003 permit. MassDEP will continue to offer assistance to municipalities and collaborate with our local and federal partners throughout this process. The agency will work to develop and share best practices and outreach materials to the municipalities covered by the new permit. In addition, MassDEP has formed a Stormwater Advisory Group, scheduled to convene in February 2020, which will review MassDEP's recommendations on how to reconcile differences between the MS4 permit and the Massachusetts Stormwater Standards and Stormwater Handbook. The Advisory Group's efforts will culminate in amendments to the Wetlands Protection Act regulations and the MassDEP Stormwater Handbook that will align the MS4 permit terms and the state's requirements. MassDEP is also working with EPA to issue a TS4 permit to the Massachusetts Department of Transportation Highway Division prior to the end of calendar year 2020.
- d. *Protecting and Ensuring Public Access to the Waterfront via C.91, including assessment of improvements to the facilities of public accommodation requirements on new developments:* The Commonwealth's primary tool for protection and promotion of public use of its tidelands and other waterways is Massachusetts General Law Chapter 91, the waterways licensing program, which regulates activities on both coastal and inland waterways, including construction, dredging, and filling, in tidelands, great ponds and certain rivers and streams. MassDEP will enforce updated regulatory standards for "facilities of public accommodation" (FPA) under the Chapter 91 waterfront regulations and provide more flexibility (with associated Coastal Zone Management regulations) for Designated Port Area boundary adjustments and activities. The changes were developed with stakeholder groups and will be implemented in order to better activate the waterfront and encourage its use and enjoyment by the public. MassDEP will also seek opportunities

to make information more readily available to the public through the use of its website and online databases.

- e. *Continuing to Protect Wetland Resources: Wetlands resources are critical contributors to quality of life.* Every year, MassDEP and our local Conservation Commission partners review thousands of applications from developers, homeowners, and other parties who want to conduct work in or near wetlands. In order to most effectively deploy the significant agency resources currently spent on Wetlands Protection Act (WPA) permitting, MassDEP will prioritize and implement a variety of wetland program activities, including immediate issuance of file numbers; increased focus on Superseding Orders of Condition; and increased prioritization based on the significance of wetlands resource impacts. This will reduce agency time spent on lower-value-added tasks and will reduce delays for project proponents and Conservation Commissions. In addition, as a result of significant work with an advisory group of wetlands experts, the program will continue to develop and evaluate a new regulatory proposal on standards for Land Subject to Coastal Storm Flowage. The rules will be designed to preserve the essential wetland functions of these areas, which are of particular importance to mitigating the impacts of climate change: storm damage prevention responsive to increasing storm severity, and flood control and storage capacity responsive to increased volume and frequency of flooding.

- f. *Develop and Implement a Massachusetts Maximum Contaminant Level for PFAS for Drinking Water Systems:* Massachusetts’ public water supplies are protected by a coordinated system of federal and state control. The federal Safe Drinking Water Act (“SDWA”) was established to protect the quality of drinking water in the United States. The SDWA preserves a significant state role in the regulation of drinking water. EPA has delegated to MassDEP primary responsibility to implement the Public Water System (PWS) Supervision program in Massachusetts. To maintain primacy, MassDEP’s regulations for contaminants regulated under the National Primary Drinking Water Regulations (NPDWRs) must be no less stringent than the regulations promulgated by EPA. In January 2019, MassDEP announced its intention to initiate the process to develop a drinking water standard, known as a Maximum Contaminant Level (MCL), for a group of Per- and Polyfluoroalkyl Substances (PFAS). On December 27, 2019, MassDEP’s proposed revisions to the drinking water regulations were published in the

Massachusetts Register, marking the start of the formal public comment period. The proposed regulation would establish a drinking water standard (MCL) of 20 ng/L for the sum of six specific PFAS. MassDEP will review the public comments and work to establish this new MCL by the end of the year.

- g. *Implement Underground Storage Tank Program:* The Underground Storage Tank (UST) program is a major component of the Massachusetts groundwater resource protection effort, and also a key federal grant commitment. To protect the environment from leaking underground chemical and petroleum products from storage tanks, MassDEP will fully implement federal requirements addressing registration and inspection of UST systems used to store petroleum fuels or hazardous substances. Providing a publicly available database of information on underground tanks in Massachusetts and implementing a third-party inspection program are key components of this groundwater protection effort.

- h. *Continue administration of the Revised Total Coliform Rule for Drinking Water Systems:* The Drinking Water program promulgated regulatory changes necessary to implement this new federal rule and applied for approval from EPA to administer this Safe Drinking Water Act provision for Massachusetts. The new rule addresses bacteriological contamination events and includes investigatory requirements to find the causes of contamination and take corrective actions to prevent future contamination. MassDEP will continue to provide current sampling schedules and work with systems to achieve compliance with the new rule. When contamination events occur, the Drinking Water program will continue to provide technical assistance and assessment services. MassDEP will make further revisions to the regulations in 2020 to ensure consistency with EPA’s rule.

Water Management and the Sustainable Water Management Initiative

- Continue developing far-reaching policy and guidance to implement the major regulatory revisions for the Water Management Act Program to improve the quality and quantity of our water resources.
- Apply the regulations in permitting proceedings and develop additional needed implementation tools and supporting documents.

- Coordinate closely with Water Management Act permittees on appropriate strategies to identify and implement minimization, mitigation, and offset provisions in permits using an interagency consultation process.
- MassDEP has successfully administered a state grant program to advance Sustainable Water Management Initiative goals each year since 2014.
- In January 2020 MassDEP issued \$450,000 in grants to help six public water supplies with water conservation, source and demand management, and other water withdrawal planning and mitigation projects across the Commonwealth. The funding will be utilized in the communities of Auburn, Avon, Dedham, Medway, Wareham, Westford and Littleton.
- "Consider emerging research on coronavirus related to drinking water/wastewater".

Drinking Water

- Ensure Public Water Systems (PWSs) Compliance with Standards – Conduct various efforts to ensure that PWSs continue to comply with the state public drinking water standards for water sources, treatment, distribution, management and operation.
- State Drinking Water Lab Certification – Maintain certification from US EPA for drinking water laboratory primacy under the Safe Drinking Water Act (Wall Experiment Station (WES).
- Private Drinking Water Lab Certification – Continue to certify laboratories for testing of chemicals and micro-biological samples on potable and non-potable water, according to the WES Lab Certification and Fee Regulations.
- Human Health Risk Assessments for Contaminated Drinking Water – Provide technical support regarding cases of contaminated drinking water supplies. (ORS)
- Technical Support Related to Uranium and Arsenic in Private Drinking Water Wells: Continue to provide support and answer or refer public inquiries about the USGS study, and coordinate response with MA Department of Public Health (DPH), MassDEP Office of Research and Standards (ORS) and the Bureau of Water Resources (BWR) Drinking Water Program.
- Drinking Water Standards and Guidelines -- Update MassDEP's list of regulated contaminants (ORS).
- Long Term 2 Enhanced Surface Water Treatment Rule and the Stage 2 Disinfectants and Disinfection Byproducts Rule – Continue to implement these federal rules for PWSs.
- Ground Water Rule – Continue to implement this federal rule for PWSs with targeted education, outreach and assistance. This may require more inspections at facilities triggering action from testing results.

- Promulgate administrative corrections to the drinking water regulations necessary to administer the Revised Total Coliform Rule.
- Optimize State Revolving Fund (SRF) for Drinking Water -- Promote sustainability in infrastructure by optimizing available SRF financing, including energy efficiency and renewable energy generation in work scopes at drinking water treatment facilities.
- Implement a technical assistance program for schools and early education and childcare facilities to comply with the Federal Lead Contamination Control Act.
- Implement a program to address emerging contaminants, including PFAS and *Legionella*.
- Consider emerging research on coronavirus related to drinking water/wastewater.

Wastewater Discharges to Surface Waters and Groundwater

- Continue to track Sanitary Sewer Overflows (SSOs) to assist in identifying and mitigating problem areas within sewer communities.
- Assist with Issuance of Federal National Pollutant Discharge Elimination System (NPDES) Permits - Assist EPA in issuing permits, enforcing the permit limits. Continue efforts to streamline permit issuance with EPA. In FFY19, 16 NPDES permits were jointly issued by EPA and MassDEP under a new accelerated permitting process.
- Coordinate with EPA on implementation of the new MS4 permit.
- Provide technical assistance to municipalities to increase compliance with new MS4 Stormwater Permit.
- Coordinate with EPA to consider a Residual Designation Petition filed by the Conservation Law Foundation and Charles River Watershed Association for the Charles River Watershed.
- Optimize State Revolving Fund (SRF) for Wastewater -- Promote sustainability in infrastructure by optimizing available SRF financing and including energy efficiency and renewable energy generation in work scopes at wastewater treatment facilities.
- Collaborate with EPA on approaches for addressing PFAS in wastewater.
- In addition, work with the Massachusetts Department of Agricultural Resources, breweries and wineries to develop wastewater disposal options that are protective of groundwater.
- In response to the need for operators with management skills, continue collaboration with NEIWPCC to offer the year-long management training program annually. This program exposes operators to all the aspects that a chief operator or manager of a facility would use in his/her daily responsibilities.

- Consider emerging research on coronavirus related to drinking water/wastewater.

State Revolving Fund Program Improvements

- Implement the provisions of Chapter 259 of the Acts of 2014 (“An Act Improving Drinking Water and Wastewater Infrastructure”). 310 CMR 44 was amended to align and conform the State Revolving Fund program to the new requirements of the federal Water Resources Reform and Development Act and other applicable requirements.
- Administer the planning and technical assistance grants authorized and funded in Chapter 259 of the Acts of 2014 (“An Act Improving Drinking Water and Wastewater Infrastructure”) to fund asset management plans, green infrastructure plans, and comprehensive wastewater management plans.
- Implement the guidance on Best Management Practices (<https://www.mass.gov/info-details/borrower-documents-reports-and-publications#best-management-practices->) developed in consultation with the Mass Clean Water Trust and Massachusetts Department of Revenue.
- With the Mass Clean Water Trust, review SRF loan and financial application process as required by Chapter 259 of the Acts of 2014 (“An Act Improving Drinking Water and Wastewater Infrastructure”) for towns with populations of less than 10,000. The review will focus on identifying efficiencies and potential cost reductions without compromising fiscal accountability. Submit the findings and recommendation to the legislature as required by the Act.

Watershed Planning

- Implement actions to add additional staff to address resource shortfalls and accomplish federal commitments: During SFY 2020, the WPP hired a replacement for the retired WPP Director; Section Chiefs for the Water Quality Standards group and the Non-Point Source group; a new Water Quality Scientist; shifted a 319 position from the State Revolving Fund group to the WPP; hired a Quality Assurance Scientist; and is seeking to hire a TMDL Program staff person as well as five seasonal monitoring and assessment staff.

- Total Maximum Daily Loads (TMDLs): Develop TMDLs based on available water quality data and continue to develop TMDLs for the Massachusetts Estuaries Project (MEP).
- Nitrogen Reduction in the southeastern Massachusetts estuaries: Continue to work with southeast coastal communities to comprehensively evaluate all options and plans to achieve anticipated nitrogen reduction requirements from TMDLs for impaired estuaries.
- Southeast New England Program (“SNEP”): MassDEP will continue to work with EPA and other partners to implement the Southeast New England Program and further support restoring the ecological health of southern-facing coastal estuaries, watersheds, and coastal waters from Chatham, MA to Westerly, RI. MassDEP’s participation is part of the multi-agency public/private collaboration aimed at using innovative and effective approaches and increasing regional cooperation and communication.
- Continue to assess and monitor priority watersheds on the 7-year rotating basin cycle.
- Surface Water Quality Data Management - Continue to work towards fully implementing EQuIS, the new database for water quality data, and the Assessment Database (ADB) to help address existing data backlogs via rapid data transfer to EPA through the Water Quality Exchange (WQX) node.
- State Nutrient Criteria - Continue to work with EPA and external stakeholders towards the development of nutrient response criteria, and phosphorus and nitrogen criteria for Massachusetts surface waters.
- MassDEP will begin working with federal and state partners to review our aluminum criteria as well as our marine dissolved oxygen criteria.
- Bacteria Source Tracking Program (BST) - Conduct limited select source tracking investigations, as resources allow, to follow up on enforcement on the most damaging illegal sources of bacterial pollution.
- Continue to implement plan to address the data validation backlog.
- Continue to monitor surface water quality based on available resources, in support of developing water quality assessments and the state Integrated List of Waters.
- MassDEP will take a lead role in coordinating with DCR and DPH to evaluate the sources that impact water quality at local beaches and associated mitigation for improving water quality.

4. Solid Waste Management:

a. *Maximizing Composting, Recycling and Reuse*: MassDEP is forging a 21st-century approach to solid waste, using strategies such as source reduction, recycling, composting, and

reuse, that minimize the amount of waste generation and maximize the amount of materials that are returned to productive commerce. The end result reduces to the maximum extent feasible the amount of waste disposed. MassDEP will continue to further expand recycling and materials reuse, which in turn will help foster growth in green jobs statewide.

b. *Minimizing the amount of solid waste disposed:* Unlocking the hidden energy value of waste and other organics is a priority for MassDEP. MassDEP will continue to explore the potential to convert waste that cannot otherwise be eliminated, recycled or reused into energy, ensuring protection of public health and the environment. We are working to change statutes, regulations, and procedures as needed to attain these goals, including implementing waste bans such as an expansion of the existing commercial organics disposal ban. The Green Communities Act established new renewable energy credits and required that a share of the proceeds be used to fund waste-reduction activities. We will be using the proceeds of the sale of these energy credits sold by municipal waste combustion facilities to provide financial assistance for municipal and commercial recycling programs and recycling market development.

c. *Solid Waste Master Plan and Recycling.* MassDEP will issue a new 2020-2030 Solid Waste Master Plan that seeks to significantly reduce waste generation and increase materials recycling and reuse. The major priority in this area will be the nation-leading implementation and strengthening of the food waste and organics ban, which took effect on October 1, 2014. MassDEP will work with regulated entities to ensure a smooth transition and significant diversion rates, so that the food waste and organic materials that make up to 25 percent of the waste stream today can be pulled out and easily composted or sent to an anaerobic digestion facility where they will be turned into a renewable energy source. These efforts provide a win-win-win-win: waste disposal costs will be lowered; methane emissions from landfills will decrease; new renewable energy and other products can be created and used; and new businesses and jobs will start and expand to support management and reuse of organic materials. The Plan additionally outlines a number of initiatives and priorities for waste reduction, including extended producer responsibility, additional waste bans, enhanced construction and demolition debris recovery, and expansion of local recycling market development.

d. *Implement new tools to improve solid waste management facilities:* MassDEP will be taking a comprehensive look at the Commonwealth’s solid-waste management regulations and proposing draft regulations. MassDEP will be expanding its enforcement effort relative to waste ban materials in an effort to increase further waste diversion and recycling. MassDEP will continue to ensure solid waste facility compliance through reporting and inspections, and address issues related to emerging contaminants at disposal facilities.

Compliance Oversight and Compliance Assurance

- Compliance Oversight of Construction and Demolition (C&D) Debris Processors:
 - Conduct routine inspections and implement minimum performance standards
 - Publish C&D recycling rate data if resources allow
- Conduct the Waste Ban Compliance Initiative.

Solid Waste Master Plan Implementation – 2020 – 2030

- Solid Waste Master Plan Implementation: Implement the 2020-2030 Solid Waste Master Plan, in order to maximize the amount of materials that are put back into productive commerce through recycling, composting or reuse, and minimize the amount of waste disposal.
- Implement the expansion of the commercial organics waste ban and other proposed waste bans. Conduct extensive outreach and deliver compliance assistance, guidance, and information resources through Recycling Works in Massachusetts.

Encourage Solid Waste Re-use, Beneficial Use, and Innovation

- Encourage solid waste reduction through commercial and municipal grants, loans, and technical assistance.
- Commercial Recycling -- Provide technical assistance through “Recycling Works” and “Waste Wise” programs.
- Commercial organics – Support pilot collection efforts and support development of a handful of capacity projects.

- Initiate strategic planning and targeted implementation to establish recycling infrastructure to enable a future disposal ban on organics (commercial), mattresses and textiles.
- Improve the overall municipal recycling rate efforts by offering grants under the Sustainable Material Recovery Program to include grants for “Pay as You Throw”, carts, drop-off equipment, local enforcement coordinators and small-scale investments.
- Provide technical assistance to municipalities on improving waste reduction programs through the Municipal Assistance Coordinators.
- Continue to promote a statewide educational effort to reduce recycling contamination and increase textile diversion.
- On-going management of the Recycling Loan Fund, including expanded funding for Anaerobic Digestion Projects.
- Oversee the Springfield Materials Recovery Facility (MRF), including overseeing the contract, day-to-day operations and facility maintenance, participating on the advisory council, and evaluating how to increase tonnage.
- Review annual reports for the Municipal Waste Combustor Material Separation Plans, including monitoring mercury diversion.
- Administer the Bottle Deposit Law and Redemption Center Registration Program, including responding to consumers, bottlers, redemption centers, and legislators’ comments/inquiries regarding potential program expansion.
- Conduct enhanced compliance assessment and enforcement regarding disposal bans with enforcement on haulers and generators of material.
- Administer Class II Recycling Program Permits, including ensuring that third party waste ban inspections are completed; monitoring waste characterization studies by facilities; and tracking credit sales and contributions to SMRP.
- Respond to requests for information from the public and the recycling industry.
- Implement the Recycling Dividends Program (RDP).
- Issue a state-wide procurement (RFR) for recycling services for several non-traditional materials: carpet, textiles and mattresses.

Solid Waste Management Facility Safety

- Continue to conduct routine inspections, review compliance reports, and take appropriate enforcement actions to ensure that wastes are handled properly.

- Respond to requests from BWP for assessments of chemicals emanating from landfills, with respect to interpreting air, soil and groundwater data (ORS).
- Continue to issue permits and plan approvals for solid waste management landfills, transfer stations, composting facilities, and Beneficial Use Determinations.

5. Cleanup of Contaminated Sites: MassDEP will continue to oversee the Chapter 21E program for the identification, assessment and cleanup of oil and hazardous material disposal sites under the Massachusetts Contingency Plan (MCP) in a manner that: ensures that cleanups are protective of human health and the environment; ensures restoration of natural resources affected by oil/hazardous material releases; and facilitates the successful redevelopment of remediated properties.

a. *Focus our oversight on identifying and expediting mitigation and cleanup measures at those sites that pose the greatest risk to human health or the environment, including sites with a complete vapor intrusion pathway.*

b. *Ensure the continued efficacy of the privatized cleanup program* through ongoing risk-reduction efforts, site management, audits and enforcement, guidance development and training.

c. *Continue to develop the Natural Resource Damages (NRD) program* by building institutional capacity to expedite assessments, restoration planning, and implementation with in-house and targeted contractor support; to advance new cases under 21E, CERCLA, and OPA; and to restore natural resources and the services that they provide to the ecosystem and the public as quickly as possible.

d. *Continue to provide support to communities for brownfields redevelopment* MassDEP works with multiple state and local agencies to provide municipalities (and potential developers) with coordinated advice, funding and technical assistance to facilitate brownfields redevelopment. This coordinated effort is an important tool to use while shepherding complex projects through the redevelopment process. As we work to reinvigorate historic sites and neighborhoods – often in urban areas across the Commonwealth - we also have an opportunity to advance our climate change and energy priorities.

Cleaning Up Communities and Advancing Sustainable Development

- Conduct comprehensive training for staff and Licensed Site Professionals on revisions to the Massachusetts Contingency Plan (310 CMR 40.0000) that will include addition of PFAS cleanup standards, updates to other chemical-specific standards, additions to the “Adequately Regulated” provisions, new approaches to calculating Exposure Point Concentrations, and requirements to address coal-gas waste deposits.
- Expand strategies for managing contaminated soil resulting from site cleanup and/or development activities so as to minimize disposal in rapidly-filling landfills and protect public health and the environment around receiving locations.
- Support and facilitate solar, wind, and renewable thermal energy development on contaminated sites.
- Continue to update eDEP Transmittal Forms to better integrate current electronically-submitted reports, and planning for the EIPAS data systems restructuring.
- Continue integration of Natural Resource Damages (NRD) Program into the agency’s programs; manage existing assessment and restoration caseload, form new Trustee Councils to implement restoration of groundwater and ecological resources, conduct new assessments, and pursue regulatory development.
- Complete final Guidance on Implementing Activity and Use Limitations (AULs) to make it consistent with amended regulations and practice.
- Promote use of “Greener Cleanups” through outreach and training on guidance and case studies.
- Develop and implement incentive program for overall reduction of net environmental footprint of assessment and remediation activities.
- Continue to ensure immediate and appropriate response to environmental emergencies:
 - Identify specific critical infrastructure areas for emergency response preplanning and focused efforts.
 - Implement and maintain interagency OHM response communication protocols.
 - Ensure that EPA’s Emergency Planning & Response Branch receives significant spill incident and response notification.
 - Conduct post-event analyses of significant spill events and response operations to evaluate interagency responses, performance and identify areas for improvement.
 - Coordinate preventative SPCC inspections with EPA Emergency Planning & Response Branch.
- Continue long-term operation, maintenance, and monitoring at NPL sites (including but not limited to Baird & McGuire, Silresim, Charles George, Atlas Tack, and, Groveland Wells).

- Continue to evaluate implementation of recommendations from the EPA-developed Optimization Reports for the Baird and McGuire and Silresim NPL sites and perform additional evaluations and pilot studies to update the conceptual site models, identify potential remedy optimization measures, and develop exit strategies for the two sites. Potential remedy modifications will be evaluated to assess the net environmental footprint of assessment and remediation activities through incorporation of Greener Cleanup BMPs and to ensure the continued protectiveness of the remedies.
- Continue to work on existing NPL sites ((e.g. former Nuclear Metals, Creese & Cook, Olin & BJAT).
- Work with EPA on the potential listing of the Lower Neponset River site in Boston and Milton.
- Consider/evaluate conservation/alternative energy when awarding MassDEP O&M contracts.

Ensure the Quality, Efficiency and Rate of Cleanup and Waste Sites

- Continue enforcement actions for cleanup-related violations.
- Provide and manage state contractors engaged to conduct assessment and cleanup actions.
- Coordinate with EPA on OHM removal actions conducted by EPA’s Emergency Planning & Response Branch; Assist with National Priority List (NPL) Sites – Continue to provide input to EPA on Records of Decision (RODs) and other deliverables, and (as resources allow) assist with cleanup of federal CERCLA/Federal Facilities.
- Implement regulatory amendments that provide for the use of Notice of Activity and Use Limitation in lieu of Grant of Environmental Restriction as an institutional control at NPL sites.
- Continue comprehensive training and outreach program to the Licensed Site Professional (LSP) and regulated communities, as resources allow.
- Implement Resource Conservation and Recovery Act (RCRA) corrective action by transitioning RCRA sites into the 21E program, implementing the RCRA Corrective action site oversight at current or former TSDFs, and auditing RAOs and closures as they are received.
- Continue the Waste Site Cleanup Audit Program – Implement audit program activities. Focus regional audit work on: (a) broad screening efforts to identify and follow up on non-compliance work earlier in the site cleanup process, and (b) targeted audits based on key submittals.
- Continue to review site-related human health and ecological risk assessment reports (ORS).

- As resources allow, incorporate Greener Cleanup BMPs into site remedy Operation & Maintenance overseen by MassDEP (e.g. publicly funded cleanups), including incorporating energy.
- Revenue Billing and Collection System – Continue billing and collection. In conjunction with OGC, continue initiative for collection of outstanding 21E cost recovery and compliance fee receivables.

Enhance the Restoration and Redevelopment of Brownfields

- Continue to provide technical assistance to municipalities, MassDevelopment, Attorney General's Office, Department of Revenue, Executive Office of Housing and Economic Development, and other proponents of Brownfields Redevelopment in Economically Distressed Areas.
- Continue to track metrics associated with the sites with which MassDEP is involved.
- Continue efforts to improve the content and function of the contaminated sites inventory, database, and online mapping tools to make them more useful for identification of potential brownfields site development opportunities.
- Enhance outreach efforts by improving web experience, facilitating the New England Brownfields Summit; and continuing regional Brownfields Sustainable Community Forums.
- Continue to support solar projects on Brownfields.
- Work with other state and federal agencies as well as municipalities and non-profits to promote cleanup and redevelopment of specific projects.

6. **Enhanced Preparedness and Emergency Response:** One of MassDEP's priorities is to protect public health and the environment through effective response to emergencies and other time-critical conditions, including those resulting from oil or hazardous material releases. We also recognize the need to empower and support local emergency responders to take action in the event of an emergency in their communities. MassDEP will continue to implement a number of strategies to enhance our environmental/emergency preparedness and to support local emergency responders, including:

- a. *Enhancing coordination* within the Commonwealth's Incident Command Structure.
- b. *Continuing to participate in drills* with EPA, Coast Guard and Massachusetts Homeland Security staff.
- c. *Continuing to refine, and optimize operations of MassDEP's Field Assessment and Support Team (FAST)*, including its primary asset, a 27-foot-long mobile laboratory vehicle which has improved the agency's ability to generate and evaluate data in the field and to support and enhance routine environmental assessment activities, enforcement efforts, and emergency response operations.
- d. *Anticipating events and patterns likely to occur as a result of climate change and proactively encouraging measures to reduce detrimental impacts.*

Emergency Response, Environmental Disaster Response and Homeland Security

- MassDEP will take steps to enhance its agency-wide emergency preparedness and response capabilities, with particular focus on enhanced planning and coordination related to storm preparedness and climate change hazards, avian flu, and man-made hazards. MassDEP will establish the function of an emergency planning officer that will provide high-level planning and coordination between MassDEP programs/regions, and with other agencies, to improve these efforts.
- Continue to enhance the capabilities of MassDEP Field Assessment Support Team (FAST), building on lessons learned from previous deployments.
- Continue outreach activities to improve first responders' and other EP/ER/HS stakeholders' understanding of FAST capabilities and how to access FAST.
- Between Emergency Response (ER) types deployments, expand the use of FAST resources on more routine MassDEP regulatory programs.
- Review, update and enhance content and access to EP/ER/HS guidance material that is publicly available on DEP's website.
- MassDEP is developing specialized disaster response teams from volunteers from the MassDEP regular staff pool. Each of these teams is intended to mobilize shortly after the disaster has stabilized. This is to provide support in six specific areas:

- a. State Emergency Operations Center (SEOC) Team – Staff trained in emergency management and operating in an EOC deploy to the Massachusetts SEOC in Framingham Hazardous Material & Environment (ESF 10) & Critical Infrastructure (ESF 3).
- b. Coastal Storm Damage Team – Staff with wetlands and coastal experience to supplement and integrate with Coastal Zone Management (CZM) to assess damage to coastal areas and report status back to SEOC.
- c. Rapid Damage Assessment Team – Partner with other state agencies, particularly Office of Public Safety Inspection, to conduct assessment of impacted towns and report status back to SEOC.
- d. Emergency Debris Assistance Team – Provide assessment, contractor guidance, and setup of collection areas for disaster debris.
- e. Disaster Critical Infrastructure Team – Staff with drinking water and wastewater system experience that can evaluate the conditions of critical water supply and wastewater treatment systems possible impacted by a disaster.
- f. Geographic Information System (GIS) Team – Designate GIS-trained staff to mesh with GIS staff at MEMA and other agencies to support developing the common operating picture and response progress.
- Emergency Management Assistance Compact (EMAC) – Designate volunteer staff willing to deploy on short notice to provide expertise and support to other states through the EMAC system managed by MEMA.
- Provide direct support to Massachusetts Department of Agriculture for waste management and decontamination issues associated with a pandemic.
- Provide direct support to Massachusetts Department of Public Health for waste management and decontamination issues associated with a pandemic.
- Participate and support the Massachusetts Preventative Radiological Nuclear Detection program with staff trained and equipped for radioactive isotope detection.
- Maintain commitment to the BioWatch program through the Air Assessment Branch.
- Participate in Massachusetts Disaster Recovery Framework/plan development.

7. Providing Core Regulatory Services and Assistance. Permitting, monitoring, inspections, report review, compliance assistance, enforcement and technical assistance are at the core of what we do every day. It is through these actions that MassDEP most closely engages with those whom we regulate, the public, businesses, municipalities and other stakeholders. These activities will always be a priority, and always be the means through which we protect the environment, conserve our

natural resources, protect public health, and support and build the right landscape for economic growth.

Annually, the agency typically:

- Conducts 2,300 inspections to evaluate compliance with air pollution, industrial wastewater, hazardous waste, solid waste, asbestos, underground storage tank and toxics use reduction requirements annually
- Issues 500 air pollution, hazardous waste, and solid waste management permits
- Licenses 225 third party reviewers
- Reviews 19,000 compliance, monitoring, and environmental reports and certifications submitted

8. Compliance Assurance: MassDEP continues to place priority on maintaining compliance and enforcement activities. Ultimately, the credibility and effectiveness of any environmental program depends upon our success in ensuring compliance with our protective environmental standards. MassDEP employs a comprehensive Compliance Assurance Strategy that promotes environmental compliance through compliance assessment activities, enforcement, technical assistance, and public education. We are proud that Massachusetts’ regulated community generally has high rates of compliance. However, to ensure that we maintain and improve compliance rates and environmental performance, we must strategically utilize and integrate all these compliance assurance tools. In FY20, MassDEP will strive to:

- Set priorities for our compliance and enforcement resources based on relative risk, which requires effective assessment of environmental monitoring and performance data for particular sectors. This includes working with EPA to implement the Alternative Compliance Monitoring Strategies for the Air Pollution and RCRA Hazardous Waste programs, whereby inspections of the large sources covered by the Compliance Monitoring Strategies are reduced in exchange for additional inspections of carefully targeted smaller sources.
- In addition to tracking and evaluating traditional enforcement output measures, MassDEP focuses on establishing performance measures linked to environmental objectives and compliance rates. These are an integral component of initiatives’ design, operation and evaluation—we cannot rely solely on traditional enforcement output measures.

- Design strategies that streamline the compliance assurance process by placing increased responsibility on the regulated community to self-identify and correct violations and promote environmental stewardship and sustainable practices.
- Provide technical assistance, outreach and education to targeted segments of the regulated community, with continued focus on providing assistance to our municipalities.
- Enhance our information management systems and better utilize technology to make our compliance and enforcement efforts more efficient and effective. For example, MassDEP will:
 - a. Use digital mapping and other innovative non-compliance detection strategies and equipment;
 - b. Begin development of the automation of reporting analysis of facility environmental monitoring data; and
 - c. Continue to roll out the milestone tracking system, used to track permit milestones.
- When violations are discovered, take consistent, appropriate and timely enforcement action to:
 - a. Deter non-compliance and ensure a level playing field by making non-compliance substantially more costly than compliance;
 - b. Require violators to cease actions impacting the environment or public health, and to restore impacted environmental resources; and
 - c. Capitalize on opportunities to induce the regulated community to permanently reduce pollution and adopt environmental management systems and establish best management practices.

MassDEP's FFY20 Inspection Plan is included in this PPA as a CONFIDENTIAL attachment to PPA Work Plan/Program Plan, and is provided only to the U.S. EPA.

Compliance Assurance Targets and Significant Activities for 2020

- EPA Approved Alternative Compliance Strategy: MassDEP will continue to implement the Alternative Compliance Strategies for the RCRA and Air programs as approved by US EPA. This strategy focuses increased resources on smaller sources that may have significant, aggregate environmental impacts, while maintaining an appropriate and more targeted inspection program for the major sources, which generally have high compliance rates.

MassDEP has applied to continue to implement this strategy in FFY20 and report to EPA on the results for the prior years.

- EPA Mandated Compliance Activities: meet PPA inspection commitments for RCRA, Air, UST, NPDES, and water supply; follow-up enforcement on significant violators; continue to work with EPA on actions related to the State Review Framework for MassDEP.
- Public Water System (PWS) Compliance:
 - Provide compliance assistance to PWSs on the MassDEP manganese health advisory.
 - Assist and educate PWSs to maximize compliance with the new Revised Total Coliform Rule (promulgated in April 2016).
 - Create "Compliance Scheduled Action (CSA) Notice of Noncompliance" for monitoring and reporting violations. These NONs will include a compliance scheduled action (CSA) form or section so that EPA can consider issuance of these NONs "formal-enforcement."
- Stormwater Management: MassDEP will continue to pursue a combination of intensive compliance activities to help municipalities improve stormwater management and to meet, or exceed, the requirements in the MS4 permit. This includes continued support for permit implementation and expansion of the successful model first created by the Central Massachusetts Regional Stormwater Coalition. The model of cooperation has been adopted in the creation and ongoing work of five additional regional coalitions.
- Wastewater:
 - Inspection of pump stations – MassDEP will continue its initiative from FFY14 into FFY16 with both follow-up enforcement when appropriate and additional inspections.
 - Provide compliance assistance for new regulatory requirements, including Inflow/Infiltration (I/I) plans and sewer system evaluations.
 - Begin performing desktop audits on pretreatment program annual reports. There are approximately 47 Massachusetts pretreatment programs with an annual report requirement.
- Wetlands Protection: In FFY20 MassDEP will continue the wetlands change initiative with aerial photography and field assessment to identify, triage, and address unpermitted alterations.
- State Revolving Fund (SRF)
 - In support of wastewater priorities in FFY20, MassDEP will solicit and finance projects that rehabilitate pump stations, especially those procuring energy-efficient pumps.
 - The Clean Water Trust will also continue to solicit and finance projects that include SSES and Infiltration and Inflow (I/I) studies and subsequent sewer system improvements.
 - In support of drinking water priorities, in FFY20 MassDEP will solicit and finance projects that treat for manganese, at systems that cannot meet the new standard; with particular emphasis on financing projects proposed by small systems.

- **Underground Storage Tanks (UST):** In FY20 MassDEP will promulgate updated UST program regulations. MassDEP will continue to inspect 60 randomly selected facilities to evaluate sector compliance with EPA’s measures of significant operational compliance and enforce the Third Party Inspection and 18-month compliance certification requirements.
- **Waste Site Cleanup:** In FY20 MassDEP will continue to provide compliance assistance to help the regulated community implement the amended Massachusetts waste site cleanup regulations, which were fully effective June 20, 2014. There will be an emphasis on the regulatory provisions regarding source control, LNAPL and vapor intrusion. This will include MassDEP efforts to update and streamline screening/auditing procedures and reviews while analyzing new submissions to determine areas to be targeted for compliance assistance.

Internal Compliance and Enforcement Quality Control

- Participate in the New England States/Region 1 compliance and enforcement coordination and planning process.
- Implement a mix of operational and policy changes to improve the efficiency and effectiveness of the enforcement process.
- Continue to participate in and follow up on findings from the EPA State Review Framework process.

9. Toxics/Emerging Contaminants: BPE/ORS and BAW; MassDEP will contribute to national and state cutting-edge research and policy development on toxic chemicals. A key component of our work in the next 3 years will be to collaborate with federal agencies and other states to facilitate appropriate action on toxics and emerging contaminants including PFAS. In addition, MassDEP will be implementing other state-led initiatives and programs to manage priority toxic contaminants. Specific activities will include:

- Providing technical assistance, outreach and education;
- Recommending standards and guidelines in air, water and soil (including updating / implementing air toxics guidelines) when appropriate;
- Continuing to work at state, regional, national and international levels to reduce mercury in the environment;

- Maintaining research, monitoring scientific findings, and responding to issues on emerging contaminants (such as Pharmaceuticals and Personal Care Products, Trichloroethylene, tetrachloroethylene, and perchlorate);
- Continuing to implement the reporting and toxics use reduction and conservation planning requirements as refined in the 2008 *Toxics Use Reduction Act (TURA)* amendments.

Mercury Management Act Implementation; Regional Mercury TMDL and NEGC/ECP Action Plan

- As resources allow, continue implementation of the Massachusetts Mercury Products law.
- Receive certifications from manufacturers’ mercury-containing products, auto salvage yards, auto shredders, and auto manufacturers.
- Require auto manufacturers to improve vehicle switch collection/recycling program; follow up on annual vehicle switch recycling rate determination.
- Continue to participate in IMERC.
- Implement the new reporting requirements related to thermostats and mercury-containing lamps established by the 2014 amendments to the Mercury Management Act.
- Update the dental mercury Environmental Results Program compliance certification regulations and certification forms.
- Continue long-term strategic monitoring of mercury in freshwater fish tissue and the environment and analyze trends.
- Revisit and update as necessary the Massachusetts Mercury TMDL, as well as support the NE states 319(g) petition efforts and the efforts of the ECOS Quick Silver Caucus.

Emerging Contaminants

- **Emerging Contaminants:** Ongoing efforts to prioritize and assess the potential impacts from emerging contaminants and develop management strategies (e.g., other PFAS, flame retardants, and Pharmaceuticals & Personal Care Products [PPCP]), including maintaining involvement in

PFAS and PPCP research with UMASS, USGS and other research groups, and maintaining awareness of PFAS and PPCP/EDC health and environmental levels.

- Issue waivers from household hazardous waste collection regulations to municipalities and others collecting waste medications from residents.
- Assess and update as necessary risk-assessment protocols to protect children’s health and implement (as feasible) via air guideline derivations, drinking water and MCP standards.

10. Hazardous Waste Management: BAW MassDEP has been successfully implementing the program that ensures that hazardous wastes are properly managed at the site of generation and safely transported to licensed, well-run Treatment, Storage and Disposal Facilities (TSDFs). Over the next few years we will be continuing to use a combination of assistance, reporting, inspections and enforcement to ensure that hazardous waste generators, transporters and TSDFs continue to comply with program requirements. The agency also will continue to implement the streamlined TSDF licensing process developed through a joint EPA-MassDEP LEAN initiative.

Hazardous Waste – Compliance Oversight

- Complete annual TSDF inspections.
- Inspections of large quantity hazardous waste generators; as-needed inspections of small and very small generators, and compliance report reviews as per our ACMS.
- Follow-up enforcement in response to compliance problems.
- Registration of hazardous waste generators.
- Hazardous Waste TSDF license renewals.
- Hazardous Waste Transporters and transportation vehicle identification numbers (VIDs) license issuance.
- Management of the hazardous waste shipment reporting program (EMORES), including report collection, analysis, and enforcement of the reporting requirement.
- Implementation of the Financial Assurance provisions that require that TSDFs have adequate financial instruments in place to respond to close the facility and respond to releases.
- Continue to implement the streamlined TSDF license renewal process developed with EPA Region 1.

- Working with other New England states, discuss compliance oversight strategy for pharmacies and other stores that are Large Quantity Generators of hazardous waste due to returned or expired pharmaceuticals.
- Streamline the Hazardous Waste Transporter compliance checks.
- EPA Authorization of the Massachusetts Hazardous Waste Management Regulations – Continue working toward full federal authorization where appropriate and warranted.

Toxics Use Reduction

- Continue to implement the toxics use reporting and toxics use reduction planning requirements of the Massachusetts Toxics Use Reduction Act, including report collection and management and enforcement of the reporting and planning requirement and releasing the data.
- Chemical Hazard Support – Provide technical support to the TURA Science Advisory Board on chemical hazards.

Underground Storage Tank Program

- Implement revisions to the program regulations and provide technical assistance and training on the revised requirements.
- Register Third-Party Inspectors and follow up on Third Party Inspection reports.
- Finalize new program policies and guidance.
- Build MassDEP staff capacity.
- Implement the UST Class A, B and C Owner/Operator Training and exam program.
- Continue to enhance data systems and eDEP capabilities.
- Manage UST registrations and third-party inspection reports.
- Conduct inspections and enforcement follow-up at UST facilities.
- Provide technical assistance to the regulated community.

11. Management Objectives. In Federal Fiscal Year 2020 MassDEP will continue to hold our ultimate mission of environmental protection at the forefront of our efforts. In doing so, the agency will support innovative thinking, advance the Commonwealth’s diversity goals, and lead the agency’s staff in effective information technology use, while ensuring delivery of the highest quality of services to the public.

Workplace Management

- Create a work environment that is supportive of the MassDEP mission of protecting natural resources and the public health, and advancing a clean-energy economy;
- Create a respectful and inclusive work atmosphere that engenders a willingness to listen and explore innovative ideas and approaches through collaborative teamwork, good communication and trust;
- Continue to strive toward making the agency a workplace with a diversity of staff, and pursue a human-resources hiring strategy to support the agency into the next era of environmental protection;
- Consciously manage significant cultural changes needed as part of the transformation of its information technology system;
- Maintain the highest expectations for the superb quality work that is the hallmark of MassDEP’s public reputation; and
- Provide the highest quality service to the public and our many and diverse stakeholders.

12. Cross Cutting Issues

Energy Efficiency and Clean Energy Generation

- Continue to implement the Clean Energy Results Program (CERP) established in November 2011 in partnership with the Department of Energy Resources (DOER) and the

Mass Clean Energy Center (MassCEC). Under this program, MassDEP undertakes a broad range of activities designed to achieve greater environmental protection by facilitating the siting and development of energy efficiency and renewable energy projects.

- Continue activities to support and facilitate siting solar energy at closed municipal and privately-owned landfills.
- Continue efforts to reduce the amount of energy used by municipal facilities in the treatment of drinking water and wastewater by as much as 20% by working with DOER, utilities, and other partners. Work to increase renewable energy generation at these facilities and increase the number of “zero net energy” facilities in Massachusetts.
- Continue efforts to reduce the net environmental footprint of assessment and remediation activities through the incorporation of Greener Cleanup Best Management Practices and use contaminated lands and brownfields for renewable energy. Increase activities to support and facilitate solar, wind, and renewable geothermal energy development on contaminated sites; update and maintain the Contaminated Sites Profile List; and conduct outreach to potential energy developers and training/outreach to LSPs.
- Support the development of anaerobic digestion projects that generate fuel for use in combined heat and power operations at farms, wastewater treatment facilities and stand-alone operations, by implementing the organics waste ban, mapping organics generation, and providing financial support for project development.
- Promote energy efficiency at sites and facilities MassDEP regulates, working with the Office of Technical Assistance.
- Support further exploration of hydro/ocean/tidal power possibilities to evaluate regulatory/permitting obstacles and protection standards.
- Enhance the assistance provided to project proponents and communities through increased technical support, and establish clear and predictable permitting pathways for renewable energy.
- Continue assisting municipal Wastewater and Drinking Water Treatment Plants to reduce their energy use, in collaboration with partners: EEA, EPA Region 1, Clean Energy Center, DOER, and energy utilities. This will include assisting wastewater and drinking water facilities with projects supported by the State Revolving Fund (SRF), Green Infrastructure funds, DOER Green Community grants and other funding sources, and implementing creative financing plans for energy-related improvements for these plants.

Enhanced Use of Information Technology

Radically improve the effectiveness and efficiency of MassDEP's activities and services using state-of-the-art information technology, including acquiring major capital funds for a sweeping, multi-year information-management transformation effort. This redesign is laid out in MassDEP's IT redesign roadmap (called the Environmental Information and Public Access System Study) which was developed in FY12. In addition, MassDEP will continue the following IT-related endeavors:

- Continue to work with the Mass. Executive Office of Energy & Environmental Affairs on the secretariat-level consolidation of IT (launched in 2009).
- Maintain and improve MassDEP's website services and capabilities.
- Improve geospatial analysis tools for MassDEP personnel.
- Continue MassDEP's participation in EPA E-Enterprise Activities to support EPA/MassDEP information sharing activities.
- Participate in SDWIS Redesign efforts with EPA and other states.

Environmental Justice

"Environmental Justice (EJ) is based on the principle that all people have a right to be protected from environmental pollution, and to live in and enjoy a clean and healthful environment. EJ is the equal protection and meaningful involvement of all people with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies and the equitable distribution of environmental benefits."

Incorporating EJ into Performance Partnership Agreements (PPAs) is critical to better improving the health, welfare, and environment of all persons in the communities we serve.

MassDEP will continue to work with EEA to determine whether activities undertaken to comply with state regulations and efforts disproportionately impact low-income, overburdened or underserved communities and consider overall societal benefits, including reductions in other air pollutants, diversification of energy sources and other benefits to the economy, environment, and public health, and to encourage sustained and continued efforts now and into the future to ensure that EJ remains a priority for the Executive branch. MassDEP will:

- Continue to implement programs and activities considering EJ concerns in accordance with the Commonwealth's EJ policies and guidelines of Executive Order 552.
- Continue to participate in Monthly All States EJ Workshop Calls to learn about and share issues, concerns, best practices, and lessons learned.
- Continue to use EJ webpage and the EJ Quarterly Team Meetings as a way to communicate to MassDEP staff and community members the various types of EJ programs and projects and grant opportunities in which the department is involved.
- Explore opportunities to use new technology to share EJ news with the community, stakeholders and MassDEP staff.
- Implement and educate staff about the Title VI Nondiscrimination Plan through training to ensure that all staff are aware of both state and federal protected groups or know the resources or points of contact within the agency.
- Continue to explore EJ partnering opportunities at the regional and national level, resources permitting.
- Continue to make sure that climate resiliency and mitigation strategies are incorporated equitably into MassDEP planning and implementation.
- Work with EEA to enhance collaboration with applicable federal agencies where appropriate (e.g., U.S. Army Corps of Engineers, Housing and Urban Development, Department of Interior, Department of Agriculture, Department of Energy, Health and Human Services, and National Oceanographic and Atmospheric Agency).
- Review the environmental impact of major real estate and infrastructure developments within EJ communities in the context of MEPA review by providing comments pertaining to the Department's permits and regulations.
- Continue to explore ways to promote "Healthfields" by preserving open space, protecting species habitat, and working landscapes, and providing opportunities for outdoor recreation and access at parks, beaches, and farms through collaboration with EEA and our sister agencies Department of Conservation and Recreation (DCR), Department of Agricultural Resources (DAR), Department of Fish & Game (DFG), and the Division of Conservation Services (DCS).
- MassDEP has expanded its interpretation and translation services to better meet the needs of the Commonwealth's residents. MassDEP will continue to provide interpreter and translation services and promote public involvement and participation by developing and implementing its Public Involvement and Participation Plan in 2020 – 2021.
- Continue to distribute on a priority basis State Revolving Funds to EJ communities to make investments in renewable energy and sustainable water infrastructure.

- Collaborate with EEA and EPA on EJ initiatives as appropriate, including collaboration with the Natural Resource Damages (NRD) Program and our local Steering Committees to select habitat restoration and water-quality improvement projects that can benefit EJ communities.
- Promote the policies and practices of Plan EJ 2014 & Plan EJ2020.
- Evaluate potential integration and use of EPA's EJSCREEN & EEA's EJ Viewer at MassDEP to assist with EJ work.

IV. FY20 Priorities for MassDEP from the Massachusetts Executive Office of Energy and Environmental Affairs

In addition to the strategic priorities set by MassDEP, the Executive Office of Energy and Environmental Affairs (EEA) has established and/or endorsed cross-cutting priorities for MassDEP and the other EEA agencies. The Executive Office's priorities for SFY 2019, which overlaps FFY2020, include:

1. **Reduce Emissions and Outline a Roadmap for Significant Reductions Required by 2050**
Invest in cost-effective, clean energy deployment, energy efficiency and electrification, and continue work across the Secretariat to further reduce greenhouse gas emissions within the Commonwealth to meet near-term objectives and advance those efforts that will drive emissions reductions to achieve 2050 targets.
2. **Build Climate Resiliency and Mainstream Climate Change Action**
Implement Executive Order 569 across state government to meet goals set forth by the Global Warming Solutions Act and to prepare the Commonwealth, as well as cities and towns, for the impacts of climate change. Further ongoing efforts to incorporate climate mitigation, resilience and adaptation considerations into decisions, budgets, and management practices made across the Secretariat and in other key areas across state and local government.
3. **Protect, Conserve, and Enhance Wildlife, Environmental Quality, Natural Resources, and Open Space**
Work to build upon efforts to protect and preserve wildlife and open space, protect and improve clean air, water and other natural resources, while providing residents and visitors to the Commonwealth with a world-class parks system.
4. **Foster and Promote a Rural Economy and Urban Access to Open Space within the Commonwealth**
Promote and foster solutions, rural agricultural and eco-tourism opportunities, and access to green space and engagement with the natural world in urban communities in all corners of the Commonwealth to expand engagement, economic growth, and inclusion of all communities, and allow residents to sustainably utilize the abundant natural resources of the Commonwealth.

5. **Ensure A Diverse Renewable Energy Portfolio**

Continue to diversify the Commonwealth's energy portfolio to ensure system reliability and resiliency while reducing costs and cutting greenhouse gas emissions.

6. **Provide the Highest Level of Customer Service**

Strive to provide residents of the Commonwealth with customer service that delivers superior environmental and energy programs and policies efficiently and effectively to ensure that Massachusetts remains the best place to live, work, and raise a family.

7. **Diversity and Inclusion**

Develop and support processes and programs to attract and retain a diverse and talented workforce that is reflective of the communities we serve.

V. US EPA’s Strategic Priorities

EPA’s Strategic Plan charts the course for advancing EPA’s priorities and mission to protect human health and the environment. The FY 2018-2022 EPA Strategic Plan (“EPA Plan”) was developed in accordance with the Government Performance and Results Modernization Act of 2011 and identifies the measurable environmental and human health and outcomes the public can expect during the period from 2018-2022 along with describing how EPA intends to achieve those results. The EPA Plan represents a commitment to core values of science, transparency, accountability and greater regulatory certainty in managing environmental programs.

The EPA Strategic Plan identifies three strategic goals to guide EPA’s work, along with supporting Objectives under each of the key goals:

- **Goal 1: A Cleaner, Healthier Environment:** Deliver a cleaner, safer, and healthier environment for all Americans and future generations by carrying out the agency’s core mission;
 - Objective 1.1 – Improve Air Quality
 - Objective 1.2 – Provide for Clean and Safe Water
 - Objective 1.3 – Revitalize Land and Prevent Contamination
 - Objective 1.4 – Ensure Safety of Chemicals in the Marketplace
- **Goal 2: More Effective Partnerships:** Provide certainty to states, localities, tribal nations, and the regulated community in carrying out shared responsibilities and communicating results to all Americans;
 - Objective 2.1 – Enhance Shared Accountability
 - Objective 2.2 – Increase Transparency and Public Participation
- **Goal 3: Greater Certainty, Compliance, and Effectiveness:** Increase certainty, compliance, and effectiveness by applying the rule of law to achieve more efficient and effective agency operations, service delivery, and regulatory relief;
 - Objective 3.1 – Compliance with the Law
 - Objective 3.2 – Create Consistency and Certainty
 - Objective 3.3 – Prioritize Robust Science
 - Objective 3.4 – Streamline and Modernize
 - Objective 3.5 – Improve Efficiency and Effectiveness

The EPA Strategic Plan prioritizes EJ, continuing to focus on urban, rural, and economically disadvantaged communities, to ensure that everyone, regardless of age, race, economic status, or ethnicity, has access to clean water, clean air, and the opportunity to live, work, and play in healthy communities. In addition, the Plan also includes EPA’s Agency Priority Goals (APG), a component of the Administration’s performance management framework which supports improvement in near-term outcomes related to the Strategic Plan. More information on the Agency’s APGs is available at <https://www.performance.gov/>. EPA’s FY2018 – 2019 Agency Priority Goals include the following:

- APG-1: Improve air quality by implementing pollution control measures to reduce the number of nonattainment areas;
- APG-2: Empower communities to leverage EPA water infrastructure investments;
- APG-3: Accelerate the pace of cleanups and return sites to beneficial use in their communities;
- APG-4: Meet new statutory requirements to improve the safety of chemicals in commerce;
- APG-5: Increase environmental law compliance rate;
- APG-6: Accelerate permitting-related decisions.

a. Cross-Walk Between US EPA's and MassDEP's Strategic Plans

[illegible]

b. Areas for Collaboration

Areas for Collaboration Development Process

Key Areas for Collaboration (AFCs) between EPA and the states are included in each multi-year PPA. In order to maintain a high level of attention on the new AFCs, and to gain the greatest benefits of a cooperative, problem-solving approach, close communication between both agencies is necessary throughout the Agreement period. Appropriate staff from the two organizations will provide coordinated, narrative updates to senior leadership at least annually to ensure that desired progress is being made on the selected AFCs. At the end of each year, the Areas for Collaboration will be reviewed and amended, as necessary.

It should be emphasized that exclusion of a particular issue or program area from the “Areas for Collaboration” section does not indicate a low priority or that significant work is not being accomplished in that area. All core MassDEP and EPA Region 1 services are ongoing and remain essential to protecting the environment and public health in Massachusetts and in New England.

Description of Areas for Collaboration FY2020

PFAS and Emerging Contaminants

MassDEP will continue addressing PFAS in multiple programs and varying regulated facilities and interested parties. Areas of collaboration with EPA on PFAS work include:

- *Developing a strategy for PFAS materials management.* MassDEP will collaborate with EPA in developing a state strategy for end-of-life management of PFAS-containing consumer and industrial products.
- *Participation in national groups.* MassDEP will continue to participate in PFAS groups sponsored by EPA to stay informed on research developments and progress in implementation of EPA’s PFAS Action Plan.

Environmental Justice

MassDEP continues to implement the 2017 (EJ Policy as well as Executive Order #552 by developing an EJ strategy that promotes positive environmental impacts in EJ communities. In collaboration with US EPA Region 1 MassDEP has also been working to strengthen its non-discrimination and public-involvement programs in compliance with Title VI of the Civil Rights Act of 1964. Training in these areas is planned for 2020-21 in the MassDEP regional offices to build expertise and competency in these areas. MassDEP will seek guidance and partner with EPA Region 1 on developing community

engagement tools and techniques to assist MassDEP staff. These events and activities will build on the successful collaboration between EPA and MassDEP on Title VI and EJ training held in 2018. MassDEP will continue to collaborate with US EPA Region 1, EPA nationally, and other states to develop and promote the EJ program at MassDEP. When opportunities arise, MassDEP will collaborate with EPA, EEA and other stakeholders on EJ issues and the Natural Resource Damages (NRD) Program to select habitat restoration and water quality improvement projects that can restore natural resources and benefit EJ communities.

NPDES Permitting

MassDEP is not delegated to administer the surface water discharge permitting program in the Commonwealth and works to routinely coordinate its permitting efforts with those of EPA Region 1. In 2020, MassDEP will continue to coordinate with EPA on the timely issuance of NPDES permits. We will also review the TS4 general permit and update MassDEP’s Stormwater Handbook to align with the MS4 and TS4 general permits. The Department will coordinate with EPA on developing a strategy for addressing PFAS in wastewater and residuals. MassDEP will meet regularly with EPA; these meetings provide an important foundation for effective implementation of the NPDES program and surface water discharge permitting in Massachusetts.

Surface Water Quality Standards and Monitoring Program (updated standards; submittal for EPA approval; support for monitoring programs) MassDEP released draft revisions to the Surface Water Quality Standards for public comment late in 2019 and the Department intends to promulgate final standards in 2020. In addition, MassDEP is considering an update to the marine dissolved-oxygen water quality standard. MassDEP is evaluating the development of new surface-water quality criteria for PFAS. MassDEP will collaborate with EPA in evaluating whether to create human-health surface-water quality criteria for those PFAS which MassDEP determines may be harmful to human health and have been detected in Massachusetts’ waterbodies.

Lead in Drinking Water Using EPA’s WIIN Act grant funds (\$967,000), this program will focus on testing drinking water in publicly-owned schools and childcare facilities as well as privately-owned childcare facilities. Priority for funding will include the presence of children six years old and under, location in low-income areas, age of the facility, the likelihood of sustained building use as a childcare facility, information about community childhood lead levels from the Massachusetts Department of Public Health, and information on lead service lines. The lead-testing program sponsored by EPA will be complemented by a \$5 million remediation of lead in public schools and childcare facilities. Administered by the Clean Water Trust, this program will fund the installation of bottled water filling stations to provide lead-free water.

Partnering in geographically focused programs

Cape Cod (208 plan implementation): The Certification of the Cape Cod Regional Water Quality Plan Update (known as the “208 Plan”) by Governor Baker in June of 2015 began the implementation phase for this Plan, the purpose of which is to address serious water quality impairments. Developed by the Cape Cod Commission with state support, the Plan was the subject of an extensive outreach effort to engage and increase local interest in moving toward sustainable and long-term water quality improvements. Since the Plan was approved by EPA in September 2015 MassDEP has been committed to providing ongoing assistance to Cape Cod communities, and developed a watershed-based permitting approach. Towns interested and ready to incorporate both conventional and innovative technologies into Comprehensive Wastewater Management Plans (CWMPs) and targeted watershed plans will benefit from MassDEP technical assistance. MassDEP continues to develop TMDLs, Massachusetts Estuaries Project (MEP) reports and implementation plans, while providing technical assistance to municipalities on CWRMPs and other related efforts to reduce nitrogen loads on Cape Cod. EPA participates in the development of these documents and approves them where appropriate. EPA and MassDEP will continue to collaborate with stakeholders in the overall effort to improve water quality in the Cape Cod region. MassDEP will also continue to participate on the management committees of the Massachusetts Bays, Buzzards Bay, and Narragansett Bay National Estuary Programs, and provide technical and policy support as appropriate.

Superfund Collaboration

MassDEP will continue to work in partnership with EPA to manage the assessment and cleanup of Massachusetts Superfund sites. MassDEP and EPA are currently working to evaluate, select, and implement remedial actions at several sites, including one site on the EPA Administrator’s Emphasis list – a list of Superfund sites from across the United States that the EPA Administrator has targeted for immediate and intense attention. MassDEP is also working with EPA to evaluate the Lower Neponset River Site for possible inclusion on the Superfund National Priorities List to allow for the use of federal resources to support investigations and necessary cleanup. MassDEP is also participating in an EPA Lean Management project aimed at improving the joint process for preparing and implementing Notices of Activity and Use Limitations at Massachusetts Superfund Sites.

Technological Transformation

Improving data quality and transfer practices and technology

- SDWIS. MassDEP will be working closely with EPA on the Safe Drinking Water Information System (SDWIS) redesign effort and has staff members participating on the

SDWIS Governance Board. MassDEP recognizes that there may be delays with EPA HQ’s SDWIS redesign but is looking forward to transitioning to the new SDWIS once it is complete. An outcome of this project will result in MassDEP and EPA sharing/exchanging information between the agencies in a streamlined manner consistent with the E-Enterprise Digital Strategies.

- Digital Strategies, Lean Management and Visual Management adoption: This Area for Collaboration focuses on broad performance/programmatic or state/EPA Region I relationship modernization/efficiency initiatives - such as E-Enterprise for the Environment, Implementation of the E-Enterprise Digital Strategies for Information Technology projects, joint ELMS/efficiency projects, work-sharing opportunities, or alternate compliance strategies/models.

Enforcement and Compliance Assurance

Supporting collaboration and communication

- MassDEP will participate in the annual Compliance and Enforcement meeting with EPA and other Region 1 states
- MassDEP will continue to provide enforcement data and meet its obligations for enforcement reporting in its federally delegated programs
- MassDEP and EPA will strive to work proactively and cooperatively on enforcement and compliance assurance issues that involve both agencies, particularly for programs which are federally delegated for implementation by Massachusetts.

VI. Quality Assurance Management Program

In order to ensure that all federally-funded environmental data generated under this agreement will be of known and documented quality suitable for use as environmental indicators and program outcomes and outputs, the Department and EPA Region I will maintain a Quality Assurance Management Program. The Quality Assurance Management Program is documented in the Department's Quality Management Plan (QMP) recently updated in June 2015 in accordance with EPA Requirements for Quality Management Plan (EPA QA/R-2). The QMP is designed to:

- Ensure that quality assurance project plans completed by MassDEP or MassDEP's grantees and contractors meet the EPA Requirement for Quality Assurance Project Plans (EPA QA/R-5) and are completed and approved prior to data collection activities;
- Coordinate quality assurance efforts among the bureaus, programs and offices at MassDEP;
- Oversee the planning, implementation and assessment of environmental quality assurance programs;
- Oversee the planning, generation, evaluation and reporting of data associated with quality indicators;
- Schedule the review and updating of the QMP annually to identify and make any needed changes to the quality system and submit a revised QAPP list (Table 1 of the QMP) to EPA. The Department continues to provide annual updates, including any needed changes, and a revised QAPP list at the end of the state fiscal year.
- The MassDEP QMP was updated and approved by US EPA in 2015. The QMP is valid for five years until 2020. EPA Region 1's Quality Assurance Office will continue to work with MassDEP by providing guidance, training and technical support.
- MassDEP's current QMP expires in November 2020. MassDEP will submit its QMP to US EPA in September 2020, 60 days prior to its expiration date as requested by EPA Region 1.
- EPA conducted a QSA Audit of MassDEP in April 2019. The QSA Audit resulted in no findings of non-conformance; however, the US EPA had some recommendations that MassDEP's QA staff will review and consider when updating its Quality Management Plan in 2020. The next QSA Audit will be conducted by EPA in three to five years (2022-2024).

VII. Grant Management Overview

This Performance Partnership Agreement (PPA) covers federal fiscal years 2020 – 2023 (October 1, 2019 to September 30, 2023). The PPA, including the itemized Priorities and Commitments List, sets forth the goals, sub-goals, objectives, programs, activities, deliverables, and measures of progress to

address the full range of cooperative federal-state environmental programs under the Massachusetts Department of Environmental Protection's (MassDEP) jurisdiction. The Agreement, including the Priorities and Commitments List, serves as the Workplan for the Department's Performance Partnership Grant (PPG). The PPG, in combination with other federal and state funding sources, is a key financial vehicle for implementing the Agreement. The PPG currently combines the following federally-funded grants:

- Air Pollution Control- Clean Air Act, Section 105
- Hazardous Waste Program - Resource Conservation and Recovery Act, Section 3011
- Underground Storage Tank Program- Solid Waste Disposal Act, Section 9010
- Public Water Supply Supervision- Safe Drinking Water Act, Section 1443(a)
- Underground Injection Control Program, Safe Drinking Water Act, Section 1443(b)
- Water Pollution Control- Clean Water Act, Section 106
- Nonpoint Source Management- Clean Water Act, Section 319
- Wetlands Program Development– Clean Water Act, Section 104(b)(3)
- Brownfields - Comprehensive Environmental Response, Compensation & Liability Act, Section 128a
- Multi-Purpose Grants - 2018 Consolidated Appropriations Act and the 2019 Consolidated Appropriations Act

Some environmental program grants are awarded through a competitive process. An applicant and the Regional Administrator may agree to add funds available for a competitive grant award to a Performance Partnership Grant. If this is done, the work plan commitments from the competitive grant must be included in the Performance Partnership Grant work plan. After the funds have been added to the Performance Partnership Grant, the recipient does not need to account for these funds in accordance with the funds' original environmental program source, but remains accountable for delivering on workplan commitments.

In order to include funds from an environmental program grant listed in 40 CFR §35.101 in a Performance Partnership Grant, applicants must meet the requirements for award of each of the environmental programs from which funds are combined in the agency's Performance Partnership Grant. These requirements can be found beginning at 40 CFR §35.140.

The Agreement and associated workplans also include descriptions of non-PPG funded work that is necessary to accomplish the environmental and public health goals set forth in the Department's and US EPA Region 1 Strategic Plans. MassDEP and US EPA Region 1 will continue to explore opportunities for improving grant efficiency and measuring environmental results.

Selected Key Federal Regulations and Policies Governing Grants

1. All categorical environmental state grants, including PPGs, are governed by 40 CFR 35, *State and Local Assistance, Subpart A, Environmental Program Grants* (commonly referred to as Part 35). All grants and agreements are subject to 2 CFR Part 200 and 2 CFR Part 1500, Subpart E, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*. Performance Partnership Grants and Performance Partnership Agreements do not supersede any law, regulation, or delegation agreement.
2. Workplan requirements. Performance Partnership Grant work plans are subject to the same requirements as any other grant work plan, which can be found at 40 CFR 35.107. An approvable work plan must specify:
 - The work plan components to be funded under the grant;
 - The estimated work years and the estimated funding amounts for each work plan component;
 - The work plan commitments for each work plan component and a time frame for their accomplishment;
 - A performance evaluation process and reporting schedule in accordance with 40 CFR 35.115; and
 - The roles and responsibilities of the recipient and EPA in carrying out the work plan commitments.
3. The regulation at 40 CFR 35.107(c) states:

An applicant may use a Performance Partnership Agreement or a portion of a Performance Partnership Agreement as the work plan for an environmental program grant if the portions of the Performance Partnership Agreement that serve as all or part of the grant work plan: (1) are clearly identified and distinguished from other portions of the Performance Partnership Agreement; and (2) meet the requirements in §35.107(b). A PPG work plan should be the product of joint planning, priority setting and mutual agreement between the state and EPA. The PPG grant work plan is the result of negotiations between EPA and state program managers and staff. Successful PPG work plan negotiations rely on a predictable process that fosters prompt resolution of issues, including elevation of issues to senior management levels if necessary. In successful work plan negotiations EPA and the state will reach a mutual understanding and agreement about what will be accomplished under the agreement.

Work plans must also be consistent with applicable federal statutes, regulations, circulars, executive orders, and EPA delegations, approvals, or authorizations. The PPA or portion thereof that serves as a grant work plan must meet the same work plan requirements as for any state program grant. The portion(s) of a PPA that serve as a work plan must be clearly identified and distinguished from the rest of the PPA. States are also required to submit nonpoint source management workplans in accordance with EPA’s 2014 “Nonpoint Source Program and Grants Guidelines for States and Territories.”

4. EPA program offices must ensure that the work plan contains well-defined outputs and outcomes by [EPA Order 5700.7](#). The term “output” in EPA Order 5700.7 means an environmental activity, effort, and/or associated work product related to an environmental goal or objective that will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period. The term “outcome” means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related or programmatic in nature, must be quantitative, and may not necessarily be achievable within an assistance agreement funding period. For state assistance agreements under 40 CFR 35, *State and Local Assistance, Subpart A, Environmental Program Grants*, program offices may satisfy this requirement by ensuring compliance with 40 CFR 35.107 (summarized above). Prior to approving an assistance agreement work plan, EPA program offices must ensure that the work plan is linked to EPA’s Strategic Plan architecture.
5. **Grant Policy Issuance (GPI) 12-06, Timely Obligation, Award, and Expenditure of EPA Grant Funds** provides in section 7.0 (in part):
 - a. Estimating Budgets: Consistent with applicable NPM Guidance, EPA should request States to develop and/or submit their work plans and applications based on the previous year’s award amount or the amount derived from the President’s budget, whichever is higher. If amounts based on the President’s budget are not known, negotiations should be based on the previous year’s award amount. (Section 7.1.b.)
 - b. Focus Negotiations on New Priorities: Assuming that the level of funding is not significantly different from the previous year’s grant amount, the primary focus of work plan negotiations should be on new priorities consistent with applicable NPM guidance. Less emphasis should

be placed on negotiating recurring activities/commitments where there is a satisfactory record of grant performance. (Section 7.1.b.)

- c. Multi-Year Grant Awards: For multi-year grant awards, applicants should apply for the total amount of funds expected for the period covered by the award and include any required match in the application. The work plan should also cover the same time period. EPA will fund the application incrementally as funds become available. (Section 7.1.c.)
 - d. Pen and Ink Changes: If the final amount of funding is lower than the amount applied for, Regions will work with States to identify necessary changes. The State will not need to submit a revised workplan or new application. Regions will document and date through pen and ink changes/email correspondence, agreed-upon revisions to the workplan, budget narrative, and application forms. (Section 7.2.c.)
6. MassDEP may use the Performance Partnership Grant, subject to the requirements below, to fund any *activity* that is eligible for funding under at least one of the environmental programs from which funds are combined into the grant.

MassDEP will use the Performance Partnership Grant to fund multi-media activities that are eligible and have been agreed to by the Commissioner and the Regional Administrator. The range of activities vary as needed by program but may include staff time for program design and implementation to achieve measurable environment and public health results. Such activities may include multi-media permitting and enforcement and pollution prevention, sampling, analysis, ecosystem management, community-based environmental protection, and/or other innovative approaches and activities.

7. Consistent with **GPI 12-06, *Timely Obligation, Award, and Expenditure of EPA Grant Funds***, for multi-year awards, MassDEP applies for the total amount of funds expected for the period covered by the award and includes a commitment for any required match in the application. The multi- year work plan should also cover the award same period. US EPA will fund such applications incrementally as funds become available. (Section 7.1.c.)

8. To be allowable under Federal awards, costs must meet the following general criteria, found in 2 CFR Part 200 (Subpart E), *Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Award*:

- Be necessary and reasonable for the performance of the Federal award and be allocable thereto under these principles.
- Conform to any limitations or exclusions set forth in these principles or in the Federal award as to types or amount of cost items.
- Be consistent with policies and procedures that apply uniformly to both federally-financed and other activities of the non-Federal entity.
- Be accorded consistent treatment. A cost may not be assigned to a Federal award as a direct cost if any other cost incurred for the same purpose in like circumstances has been allocated to the Federal award as an indirect cost.
- Be determined in accordance with generally accepted accounting principles (GAAP), except, for state and local governments and Indian tribes only, as otherwise provided for in this part.
- Not be included as a cost or used to meet cost sharing or matching requirements of any other federally-financed program in either the current or a prior period. See also § 200.306 Cost sharing or matching paragraph (b).
- Be adequately documented. See also 2 CFR §§ 200.300, *Statutory and national policy requirements* through §200.309, *Period of performance of this part*.

Work Plan Development Process and EPA’s National Program Manager Guidance.

In 2016, [EPA’s National Program Manager \(NPM\)](#) guidance moved to a two-year, exceptions-based process and there is a national movement towards pursuing multi-year work plans. Region 1 responded to our states’ request to pilot a two-year Priorities & Commitment List process for our States to match with the FY16-17 NPM guidance and moved toward multi-year work plans that are aligned with the two-year NPM guidance process. Under this approach, there is an expectation that the negotiated workplan commitments will cover a two-year period absent changed circumstances as defined below. An example of the benefits of this approach includes minimizing/eliminating the need for extensive workplan negotiations at the mid-point of an award, with recurring commitments from year one typically carrying over into year two. This approach should also better align the priorities

communicated through the NPM and individual programmatic grant guidance with the commitments and flexibilities negotiated in grant work plans.

Adjustments to year-two commitments will be necessary if there are changed circumstances, that can include, for example, changes in Administrator/NPM priorities, revisions required by EPA’s Annual Commitment process, or a substantial reduction or increase in EPA funding.

Reporting & Measures for Evaluating Performance.

For this Agreement, MassDEP will continue to produce regular (at least annual) status reports for the elements outlined in the Priorities and Commitment Lists covering this time period and status reports for identified Areas for Collaboration. MassDEP and EPA agree to meet as needed to discuss progress and address any areas of concern. MassDEP staff will continue to produce and submit annual work plan progress reports to EPA Region 1. MassDEP will continue to improve its reporting mechanisms, focusing on developing a jointly agreed upon set of environmental and programmatic measures, which will help foster discussions on how MassDEP and EPA Region 1 are meeting their strategic objectives and achieving measurable environmental results.

MassDEP’s annual assessments will strive to summarize results, track progress on identified P&C List commitments and Areas for Collaboration, identifying areas where progress met or exceeded expectations and where the agency may have had difficulty in achieving anticipated progress on deliverables or where MassDEP may fall behind on specific strategic objectives. MassDEP and EPA will work cooperatively to improve the annual assessment progress by including specific indicators of air and water quality, as well as land resources management, in terms of outputs and outcomes.

Commitment to Joint Evaluation

MassDEP will work with EPA Region 1 to develop a process for jointly evaluating and reporting progress and accomplishments in compliance with 40 CFR Part 31.115.

Key Authority in Regulation and Guidance for Grant Management

The list below summarizes the key authorities in regulation and guidance that have been referenced in this section on grants management:

- 40 CFR Part 35, Subpart A; including 40 CFR §35.101, 40 CFR §35.107, 40 CFR §35.115, and 40 CFR §35.140
- 2 CFR Part 200
- 2 CFR Part 1500, Subpart E
- EPA Order 5700.7
- EPA Grants Policy Issuance (GPI) 12-06

VIII. Reporting Requirements

Reporting of program data required by federal programs will continue under this agreement as MassDEP and EPA continue discussions about state reporting requirements to national databases and steps to identify and reduce reporting requirements that are ineffective and burdensome.

MassDEP continues to work with severely constrained resources and with significantly reduced staffing levels. Therefore, in the event that MassDEP must prioritize in meeting reporting requirements, the high-priority reports identified below are where resources will be dedicated.

Goal 1: Clean Air - Priority Clean Air Reporting Requirements

Annual Reports on Implementation of the Automobile Inspection and Maintenance I/M

Program: EPA regulations (41 CFR 51.366) require MassDEP to submit to EPA by July of each year a report for January through December of the previous year.

Submission of Ambient Monitoring Results to the AQS Database: MassDEP routinely posts validated air monitoring data to EPA’s AQS database. MassDEP posts hourly raw ozone, PM2.5, and meteorological data to EPA’s AirNow public website. MassDEP provides EPA with an annual review of its entire air monitoring program.

AIR NOW reporting: Submitting ozone and PM2.5 real-time data and forecasts to the Data Management Center.

Submission of emissions to Emissions Inventory System (EIS). MassDEP annually posts equipment, emissions, and throughput data for stationary sources to EPA’s EIS database. This data comes from MassDEP’s Source Registration program.

Clean Air Reporting Required Outside the PPA Process

To provide a context concerning the relationship between federal requirements and the Performance Partnership Agreement (PPA), the following are some examples of federal requirements outside the PPA. These requirements are outside the PPA either because they are outside the scope of the PPA (for example, Clean Water Act State Revolving Fund) or have not been restated in the PPA because they are required in an existing formal source (law, regulation, delegation agreement, etc.) and have not become part of the PPA strategic discussion. These examples provide a good sense of the source and types of requirement outside the PPA, but are by no means an attempt to provide a comprehensive listing of all requirements.

Clean Air Act Provisions

Example: Section 182 (c) provides the timeline for many SIP submissions requirements due in the 1990's. Partly because MassDEP has wanted the PPA to only reflect the most significant expectations, the PPA has not always contained every one of these submissions (e.g., requirement to submit ozone precursor inventory every three years). MassDEP air staff is aware of these requirements.

EPA's SIP Actions in the Federal Register

Example: EPA sometimes attaches conditions on its approval of SIP submissions. These conditions may require MassDEP to take some action within a set timeline.

National Data Base

Example: MassDEP submits monitoring and compliance information into the AQS and EIS systems.

Other Grants

Example: Grants to MassDEP for PM2.5 and toxics monitoring are not included in the PPA; however, these data are routinely reported to EPA's AQS database and these monitors are included in the annual air monitoring network review. MassDEP posts hourly raw PM2.5 data to EPA's AirNow public website.

Delegation Agreements

Example: Massachusetts has assumed delegation of many MACT, NESHAP or NSPS emission standards. Under the delegation agreement, EPA regularly sends MassDEP lists of new standards with a request that MassDEP indicate the standards for which they wish to accept delegation.

National Guidance Documents

Example: The request for submissions of ozone and PM designations are issued in guidance documents by EPA and sent to the Governors with letters explaining the importance of these requests.

Goal 2: Clean and Safe Water -- Priority Drinking Water Reporting Requirements

To provide a context concerning the relationship between federal requirements and the Performance Partnership Agreement (PPA), the following are some examples of federal requirements outside the PPA. These requirements are outside the PPA either because they are outside the scope of the PPA (for example, Clean Water Act State Revolving Fund) or have not been restated in the PPA because they are required in an existing formal source (law, regulation, delegation agreement, etc.) and have not become part of the PPA strategic discussion. These examples provide a good sense of the source and types of requirement outside the PPA but are by no means an attempt to provide a comprehensive listing of all MassDEP's reporting obligations to EPA.

Monthly Reports on the status and frequency of inspections and certification determinations for in-state microbiological laboratories: MassDEP and EPA Region 1 have negotiated an aggressive laboratory inspection schedule to ensure that an adequate laboratory inspection and certification schedule is maintained. MassDEP provides monthly updates on inspection activity and certification determinations.

Program Reviews: EPA Region 1 conducts program reviews of the state drinking water program. The next review is scheduled for FY2025. State drinking water file reviews are used to determine potential discrepancies in complying system inventories and identifying monitoring and drinking water standards violations.

Submission of PWS Violation Results to the SDWIS Database: Timely and accurate information on drinking water system violations is a significant indicator of public health protection and

performance of drinking water programs. MassDEP will continue to import such information into SDWIS on a timely basis.

Annual Reports on Capacity Development and Operator Certification Programs: These programs are important for analyzing the overall capacity of the drinking water program. Their particular emphasis is on the need to support small systems, the vast majority of systems in Massachusetts.

Quarterly Reports on State Water Security Activities: MassDEP will use grant monies to support state and local coordination relating to water security and emergency response planning. Close tracking of these efforts will continue to be an important item.

Reporting under specific Safe Drinking Water Act Provisions

Example: Section 1413 of the SDWA (a) provides general timelines for when States must adopt promulgated federal drinking water regulations, and submit appropriate and adequate documentation (e.g., primacy applications). Specific deadlines depend upon the dates on which the respective regulations have been promulgated. Other specific program implementing reporting requirements are embedded within the SDWA, such as notification of systems' variances and exemptions, and the Biennial Wellhead Program Status Report. Periodic updates on the implementation of certain regulations are required by federal regulations and state primacy agreements.

Underground Injection Control Data

Underground Injection Control (UIC) program submits quarterly reports and an annual report to EPA Region 1 on program activities and measures of success for input into the national database.

Extension Agreements

Example: Extension Agreements between EPA Region 1 and MassDEP outline specific extended primacy deadlines, and implementation and reporting requirements appropriate for each rule. Such reporting is particularly important for EPA Region 1 in cases where the Region has interim primacy enforcement authority.

State Revolving Loan Program Requirements

Under the Drinking Water State Revolving Loan Fund, the state submits a biannual program report, an annual financial audit, annual capacity development and operator certification implementation reports, list of systems in significant non-compliance (every three years) and electronic input into the NIMS system.

Regional Program Evaluations and Inspector General Audits

Example: The Inspector General completed an audit of State Capacity Development Programs, including the Massachusetts program. Other IG audits or surveys may occur during the year.

National Guidance and Program Measures

MassDEP will provide data for EPA Region 1's report on the national annual drinking water program objectives and measures. Commitments between EPA Region 1 and EPA OW are reflected in a Memorandum of Agreement.

Priority Surface Water Reporting Requirements

Water Quality Standard Revisions: The Clean Water Act section 303(c) requires the state to review our Water Quality Standards at least every three years, a process which includes public hearings and input. Any revisions to the Water Quality Standards are submitted to EPA.

Integrated List: The Clean Water Act section 303(d) requires the state to establish and periodically revise (every two years) its priority ranking of waters which do not meet water quality standards. The Clean Water Act section 305(b) also requires a biennial report to Congress evaluating the quality of waters in its streams, rivers and lakes. The report assesses the extent to which the state's waters have attained that goal. This report is now done as the "Integrated List", combining the 303(d) list with the 305(b) list.

The Clean Water Act section 305(b) requires states to prepare and submit to EPA a water quality assessment report every 2 years. This is now done as an integrated section 305(b) and section 303(d) Listing Report, which combines the 303(d) list of waters not meeting standards with the 305(b) assessment. It is due by April 1, 2004 and every two years thereafter.

In addition, MassDEP develops individual watershed assessment reports on a five-year rotating cycle that serves as the primary information for the development of the Integrated List. The watershed assessment reports are not a federal requirement but are made available to EPA and the public.

TMDLs: The Clean Water Act 303(d) requires that states establish TMDLs and submit them to EPA for approval. The schedule of TMDL work planned is generally included in the PPA.

Non-Point Source (NPS) Annual Report: The Clean Water Act Section 319(b)(11) requires that each state annually submit a report on its NPS program and plan, and revise as necessary. In accordance with S. 319 of the Clean Water Act, EPA uses information in annual reports to determine if

a state has made Satisfactory Progress and is eligible to receive continued EPA nonpoint program funding.

State Water Monitoring and Assessment Program: In September 2005, MassDEP published *A Water Quality Monitoring Strategy for the Commonwealth of Massachusetts* (the “2005 Monitoring Strategy”). The 2005 Monitoring Strategy outlined a surface water monitoring program that was designed to fulfill the monitoring requirements of the Federal Clean Water Act. This program was consistent with guidance provided by the EPA in *Elements of a State Water Monitoring and Assessment Program* (March 2003) and was to be fully implemented over a period of ten years. In January 2018, MassDEP issued *A Strategy for Monitoring and Assessing the Quality of Massachusetts’ Waters to Support Multiple Water Resource Management Objectives 2016 – 2025* (the “2016 Monitoring Strategy”). The updated monitoring plan describes how monitoring data from various water types will be acquired and used within the context of MassDEP’s water resource management programs throughout the next ten years (i.e., 2016 – 2025).

Clean Water Act State Revolving Fund: MassDEP submits an annual financial audit report, annual program report, and annual minority business and women’s business (MBE/WBE) reports for this program.

Specific Grant Reporting Requirements: Grant agreements have specific reporting requirements tailored to monitor progress in achieving the grant’s objectives, the pace of the work, its completion and evaluation. MassDEP reports on these projects as described in each grant agreement.

National Guidance and Program Measures (Surface Water and Watersheds)

Several new national program measures have been proposed by EPA that are new tracking requirements and are not currently obtained by MassDEP. MassDEP intends to use the Integrated List as a means of tracking water quality actions and improvements over time and will work with Region 1 to provide as much information on these measures as possible using our existing programs.

Goal 3: Priority Reporting for Managing Waste and Cleaning Up Waste Sites

Underground Storage Tanks

Semi-Annual Activity Report: This semi-annual report covers activities at federally regulated USTs, including confirmed releases from USTs, cleanups initiated, cleanups completed, emergency responses, and releases from upgraded USTs (separate report: see below)

LUST Grant Dollar Drawdown: This quarterly (or more frequently if EPA requests it) report documents the amount of funding we have used from available LUST grant funds.

LUST Grant Closeout “Final FSR”: This report, prepared at the end of each grant, details where the LUST grant dollars were spent, on such things as staff oversight, contractor costs, site-specific cleanup, and tangible items such as pumps, blowers, etc.

Priority Site Remediation and Restoration Reporting

Superfund Remedial NPL: MassDEP reviews and concurs on NPL-related documents:

Superfund Remedial Federal Facilities NPL: MassDEP reviews and comments on NPL-related documents.

RCRA Corrective Action

MassDEP will implement RCRA Corrective Actions through its 21E program pursuant to authorization received in 2008 and will meet periodically with EPA staff.

Site Remediation and Restoration Reporting Outside the PPA

Superfund Pre-remedial: This quarterly report relates to evaluating sites for inclusion in SEMS (EPA's database of sites potentially eligible for NPL listing) through the Pre-CERCLA screening process; developing and/or reviewing Preliminary Assessment and Site Inspection reports for sites in the EPA pre-remedial program; reviewing No Further Action decisions to remove sites and to document that sites do not warrant further federal action under CERCLA; and recommending sites for consideration for NPL listing.

Superfund Block Grant: This quarterly report includes National Priority List (NPL) Support Agency activities for NPL sites and core activities for eligible non-site-specific work.

Typical activities performed by the state include reviewing and commenting on all major documents, and evaluating records of decision, participating in public meetings and site management meetings, overseeing state contractors, identifying state ARARs, and performing timely communication of issues and concerns. Under the Superfund Regulation, 40 CFR Part 35 Subpart O, MassDEP is required to submit the following under this CA: Quarterly Progress Reports, Financial Status Reports, MBE/WBE Reports, and Property Inventory Reports, if applicable.

Brownfields Reporting Outside the PPA

Brownfields 128A Cooperative Agreement: This semi-annual report includes activities listed in our approved grant related to establishing and/or enhancing the program elements contained in the 2002 federal Brownfields legislation, and to developing/maintaining the required public record.

RCRA Sustainable Materials Management Sustainable Materials Management (SMM) data will be reported directly into the SMM State Data Measurement Program.

RCRA Permitting Information

- Permit Renewal Tracking
- Permit/Post Closure Approved Controls In Place tracking

Enforcement and Compliance Reporting Outside the PPA

Regular Reporting of Inspection and Enforcement Information into National Program Data

Systems: With the advent of much wider public access to compliance data through EPA's Enforcement and Compliance History Online (ECHO) website in 2002, timely and accurate entry of inspection and enforcement data and quality assurance of the information is of significant importance. In addition, MassDEP's and EPA's increasing focus on using the data in our systems to manage the programs requires that the data be current and of high quality.

Annual Compliance and Enforcement Performance Report: This important report summarizes MassDEP's compliance and enforcement performance for EPA and the public.

RCRA Compliance Program Required Reports /Information

- EOY Report per the PPA
- Data Entry and Maintenance of RCRA Info for all RCRA Activities
- State-specific priority write ups where substituted in lieu of core program activities distributed to the States (e.g., 20% generator coverage, etc.)

Water Compliance Program Required Reports/Information

- NPDES Minors Reporting – 40 CFR 123.45(c) requires that the Region submit to EPA Headquarters an annual reporting of the compliance status of NPDES minor permittees in Massachusetts. The report is to include the total number of minors reviewed, the number of non-complying minors, the number of enforcement actions issued to minors, and the number of permit schedules extending compliance deadlines. The report is due annually on February 28th. EPA requests that MassDEP provide relevant information regarding MassDEP's enforcement against minors conducted during the preceding year so that it can be incorporated into the report.

NPDES Inspection Reporting – Individual EPA 3560 Forms – Water Compliance Inspection Reports must be completed for each inspection that MassDEP would like to have coded into EPA's Permits Compliance System database. Copies of these forms must be submitted to EPA.

MassDEP Enforcement Actions – Copies of all informal and formal water administrative, judicial and penalty enforcement actions must be submitted to EPA. Similarly, EPA provides MassDEP with copies of all EPA formal and informal enforcement actions.

Drinking Water Program Required Compliance / Enforcement Reporting

MassDEP submits data into SDWIS and provides compliance and enforcement information as described in the previous section on SDWA reporting.

Significant Noncompliance (SNC) Quarterly Reports. These reports are discussed at quarterly meeting to share information on current compliance status and coordinate enforcement responses for unaddressed significant SNC public water systems. Note: reports are generated by EPA.

Air Compliance Program Required Reports/Information

- MassDEP will enter/send inspection, testing, compliance monitoring, and enforcement information to EPA's national ICIS-AIR data system at least once every 60 calendar days and will periodically review this data and make improvements as deemed necessary to meet the minimum data requirements (MDRs).
- MassDEP will update ICIS-AIR at least monthly with Federally Reportable Violations.
- MassDEP will maintain and update ICIS-AIR facility data to accurately reflect air program applicability (NSPS, NESHAPS and MACT) and facility classification.
- MassDEP will identify, address, and resolve HPVs in accordance with EPA's Timely and Appropriate Enforcement Response to High Priority Violators, July 1999, the most recent HPV policy in effect and MassDEP's Enforcement Response Guidance. MassDEP will inform the EPA Region 1 liaison in person, by phone, or by email within 60 days of identifying, addressing or resolving an HPV.
- MassDEP will participate in the annual data verification process which will also provide EPA a year-end evaluation of state progress in meeting the compliance activity and data quality objectives of the PPA.

General Grant Reporting Requirements

Grantees shall submit annual performance reports within 90 days of the end of the grant year. The reports will address: accomplishments as measured against work plan commitments, cumulative effectiveness of the work performed under all work plan components, existing and potential problem areas, and suggestions for improvement, including, where feasible, schedules for making the improvements. (40 CFR 31.40 and 40 CRF 35.115).

Attachment A: Massachusetts FY20-FY21 Priorities & Commitments List

No.	Strategic Link		New, Same, Revised	FY 2020 PPA Priorities & Commitments List	FY 2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617.XXX.XXXX	EPA Contacts 617.918.XXXX
							MassDEP	EPA		
				Actions in the transportation sector	Actions in the transportation sector					Senior Program Manager: Lynne Hamjian -1601
1	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Same	Continue to implement the MA Rideshare program	Continue to implement the MA Rideshare program		GK 9/23/19	JR 9/23/19	Sharon Weber - 556-1190	Manager: John Rogan 1645/Cynthia Greene 1813 Tech: Gary Rennie - 1525
2	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		New	Continue to participate on the monthly Northeast Diesel Collaborative Steering Committee calls	Attend the Northeast Diesel Collaborative Partners Meeting planned for spring/summer 2021		GK 9/23/19	JR 9/23/19	Haidee Janak - 556-1138	Manager: John Rogan 1645/Cynthia Greene 1813 Tech: Gary Rennie - 1525
				Ozone, PM _{2.5} , PM ₁₀ and CO	Ozone, PM _{2.5} , PM ₁₀ and CO					Senior Program Manager: Lynne Hamjian -1601
3	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Continue participation in EPA's AIRNOW program. Submit real-time pollutant data and provide forecasts and alerts. Attend R1 air quality outreach and forecasting workshop, if held, either in person or remotely. (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2.#8; NAAQS A.1.1.3, Other #8)	Continue participation in EPA's AIRNOW program. Submit real-time pollutant data and provide forecasts and alerts. Attend R1 air quality outreach and forecasting workshop, if held, either in person or remotely and, if resources allow, the EPA National Air Quality Conference. (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2.#8; NAAQS A.1.1.3, Other #8)	Revised to encourage attendance at EPA's National Air Quality Conference. Updated NPM guidance citation.	GK 9/23/19	JR 9/23/19	Steven Coughlin - 292-5838; Mark Wert 292-5598; Sean Dunn 978-242-1335	Manager John Rogan 1645/Cynthia Greene 1813 Tech: Anne McWilliams -1697
4	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Submit air emissions data for 2018 for large, Type A point sources to EPA's NEI by 12/31/2019.	Submit air emissions data for 2019 for large, Type A point sources to EPA's NEI by 12/31/2020.	Updated to reflect correct FY.	GK 9/23/19	JR 9/23/19	Maureen Hancock - 654-6665; Mark Wert 292-5598	Manager John Rogan 1645/Cynthia Greene 1813 Tech: Bob McConnell -1046
5	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Review draft 2017 NEI and submit corrections and additional data that MassDEP has available according to the review schedule.		Revised to reflect current progress.	GK 9/23/19	JR 9/23/19	Maureen Hancock - 654-6665; Mark Wert 292-5598	Manager John Rogan 1645/Cynthia Greene 1813 Tech: Anne McWilliams -1697
6	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Work with EPA on annual update to the SIP Plan. Target date for updated plan is December 31, 2019.	Work with EPA on annual update to the SIP Plan. Target date for updated plan is December 31, 2020.	Updated to reflect correct FY.	GK 9/23/19	JR 9/23/19	Glenn Keith 292-5874	Manager: John Rogan 1645/Cynthia 1813 Tech: Ariel Garcia -1660
7	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Same	For all future revisions to the SIP, work to implement the recommendations in the final Standard Operating Procedures document developed by EPA Region 1 and the New England states.	For all future revisions to the SIP, work to implement the recommendations in the final Standard Operating Procedures document developed by EPA Region 1 and the New England states.		GK 9/23/19	JR 9/23/19	Glenn Keith 292-5874	Manager: John Rogan 1645/Cynthia 1813 Tech: Ariel Garcia -1660
8	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Complete and submit the annual I/M report for calendar year 2019 and the 2018-2019 biennial I/M report to EPA by end of July, 2020. (Final FY'20-21 OAR NPM Guidance: Mobile Source Programs, A.8.2., #14)	Complete and submit the annual I/M report for calendar year 2020 to EPA by end of July, 2021. (Final FY'20-21 OAR NPM Guidance: Mobile Source Programs, A.8.2., #14)	Updated NPM guidance citation.	GK 9/23/19	JR 9/23/19	Sharon Weber 556-1190	Manager: John Rogan 1645/Cynthia 1813 Tech: Ariel Garcia -1660
9	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Meet with EPA in FY'20 to discuss the state's plans regarding the enforceability of the Massachusetts locomotive idling rule. Follow up on any action items from that meeting.	If not complete in FY2020, meet with EPA in FY'21 to discuss the state's plans regarding the enforceability of the Massachusetts locomotive idling rule. Follow up on any action items from that meeting.	Updated to reflect correct FY.	GK 9/23/19	JR 9/23/19	Christine Kirby 292-5631	Manager: John Rogan 1645/Cynthia Greene 1813 Tech: Abby Swaine - 1841; Gary Rennie - 1525
10	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Work on outreach and educational efforts to address wood smoke issues. By April 30, 2020, submit a brief summary of outreach and educational activities completed. (FY'20-21 OAR NPM Guidance: NAAQS A.1.2.3 #9)	Work on outreach and educational efforts to address wood smoke issues. By April 30, 2021, submit a brief summary of outreach and educational activities completed. (FY'20-21 OAR NPM Guidance: NAAQS A.1.2.3 #9)	Updated NPM guidance citation. Revised language to better characterize activities.	GK 9/23/19	JR 9/23/19	Glenn Keith - 292-5874	Manager John Rogan 1645/Cynthia Greene 1813 Tech: Alison Simcox - 1684
11	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Same	Process conformity determinations for the 1997 and 2008 8-hour ozone nonattainment areas and CO maintenance areas. Work with EPA if assistance is needed with ongoing conformity obligations.	Process conformity determinations for the 1997 and 2008 8-hour ozone nonattainment areas and CO maintenance areas. Work with EPA if assistance is needed with ongoing conformity obligations.		GK 9/23/19	JR 9/23/19	Sharon Weber 556-1190	Manager: John Rogan 1645/Cynthia 1813 Tech: Ariel Garcia -1660
				NO ₂ and SO ₂	NO ₂ and SO ₂					Senior Program Manager: Lynne Hamjian -1601
				Regional Haze	Regional Haze					Senior Program Manager: Lynne Hamjian -1601
12	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	Continue to develop a Regional Haze SIP for the second regional haze planning period, due July 31, 2021. (FY'20-21 OAR NPM Guidance: Regional Haze, A.2.2, #3)	If not yet submitted, submit Regional Haze SIP for the second regional haze planning period, due July 31, 2021. (FY'20-21 OAR NPM Guidance: Regional Haze, A.2.2, #3)	Updated NPM guidance citation.	GK 9/23/19	JR 9/23/19	Mark Wert - 292-5598	Manager John Rogan 1645/Cynthia Greene 1813 Tech: Anne McWilliams -1697
				Title V / NSR Permits	Title V / NSR Permits					Senior Program Manager: Lynne Hamjian -1601
13	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	During FY'20, ensure that 100 percent of Title V significant modifications are issued within 18 months of receiving a complete permit application. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	During FY'21, ensure that 100 percent of Title V significant modifications are issued within 18 months of receiving a complete permit application. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	Updated NPM guidance citation and applicable FYs	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
14	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality		Revised	During FY'20, ensure that 100 percent of new Title V operating permits are issued within 18 months of receiving a complete permit application. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	During FY'21, ensure that 100 percent of new Title V operating permits are issued within 18 months of receiving a complete permit application. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	Updated NPM guidance citation and applicable FYs	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657

No.	Strategic Link	New, Same, Revised	FY 2020 PPA Priorities & Commitments List	FY 2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617-XXX.XXXX	EPA Contacts 617.918.XXXX
						MassDEP	EPA		
15	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	Title V renewals: Document the number of expired Title V permits as of Oct. 1, 2019 and reduce the total universe by 10% during the fiscal year. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	Title V renewals: Document the number of expired Title V permits as of Oct. 1, 2020 and reduce the total universe by 10% during the fiscal year. Provide necessary data through the TOPS Tracking Form to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #1 and #2)	Updated NPM guidance citation and applicable Fys	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
16	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	New		Participate with EPA in title V permit program evaluation, set targets to respond to EPA's evaluation report, and implement recommendations. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #3)	Each year, EPA evaluates one New England state title V program, and in FY'21 we propose to review the title V program of Massachusetts. More guidance will be provided to MassDEP in Q2 of FY'21.	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
17	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	During FY'20, issue all major NSR permits within 12 months of receiving a complete permit application. Provide necessary data to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #4)	During FY'21, issue all major NSR permits within 12 months of receiving a complete permit application. Provide necessary data to document the goal every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #4)	Updated NPM guidance citation and applicable Fys	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
18	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	During FY'20, ensure that data are submitted to EPA's RACT, BACT, LAER Clearinghouse for new major sources and major modifications within 90 days of permit issuance. Provide the data documenting the timeliness of the submissions every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #5 and #6)	During FY'21, ensure that data are submitted to EPA's RACT, BACT, LAER Clearinghouse for new major sources and major modifications within 90 days of permit issuance. Provide the data documenting the timeliness of the submissions every six months. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #5 and #6)	Updated NPM guidance citation and applicable Fys	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
19	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	During FY'20, issue PSD permits in accordance with the Delegation Agreement signed on April 11, 2011. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #4)	During FY'21, issue PSD permits in accordance with the Delegation Agreement signed on April 11, 2011. (FY'20-21 OAR NPM Guidance: Title V & NSR Permitting, A.3.2., #4)	Updated NPM guidance citation and applicable Fys	GK 9/23/19	PB 9/23/19	Marc Wolman 292-5515	Manager Pat Bird 1287 Tech: Donald Dahl -1657
			Air Monitoring	Air Monitoring					Senior Program Manager: Lynne Hamjian -1601
20	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	New	Air Monitoring Network: Conduct and submit Five Year Network Assessment to ensure all air monitoring objectives are met. Should conduct public notice (along with ANP) and must be submitted to EPA by July 1, 2020. (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2 #5)			GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
21	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	Air Monitoring Network: Submit to EPA by July 1, 2020 the annual air monitoring network plan (40 CFR 58.10). State Plan should be made available for public and EPA review by May 31, 2020 at the latest. The Plan should include ensuring monitoring networks are consistent with the requirements of recent NO2, SO2, CO, lead and ozone NAAQS rules, in particular. (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #4) (MA DEP to complete submission of plan due on July 1, 2019)	Air Monitoring Network: Submit to EPA by July 1, 2021 the annual air monitoring network plan (40 CFR 58.10). State Plan should be made available for public and EPA review by May 31, 2021 at the latest. The Plan should include ensuring monitoring networks are consistent with the requirements of recent NO2, SO2, CO, lead and ozone NAAQS rules, in particular. (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #4)		GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
22	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	New	Air Monitoring Network: Send at least 2 State staff members to National Ambient Air Monitoring Conference expected in August 2020. (FY '20 Ambient Air Monitoring Appendix to NPM Guidance.)			GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
23	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	Air Monitoring Network: Operate EPA-approved network (SLAMS, PM), enter the air monitoring, precision and accuracy data into AQS within 90 days (180 days for PAMS) of the end of each calendar quarter (40 CFR 58.12, 58.14, & 58.16) and submit the Annual Air Quality Data certification by May 1, 2020 (40 CFR 58.15). (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #1, #6, and #7)	Air Monitoring Network: Operate EPA-approved network (SLAMS, PM), enter the air monitoring, precision and accuracy data into AQS within 90 days (180 days for PAMS) of the end of each calendar quarter (40 CFR 58.12, 58.14, & 58.16) and submit the Annual Air Quality Data certification by May 1, 2021 (40 CFR 58.15). (FY'20-21 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #1, #6, and #7)		GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
24	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Revised	Quality Assurance: Submit QAPP updates for all gaseous and PM criteria pollutants by November 1, 2019. Ensure adequate, independent QA audits of NAAQS monitors or participate in NPAP and PEP QA programs. (Final FY 2020-2021 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #1)	Quality Assurance: Submit QAPP updates for all gaseous and PM criteria pollutants by November 1, 2020. Ensure adequate, independent QA audits of NAAQS monitors or participate in NPAP and PEP QA programs. (Final FY 2020-2021 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #1)		GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
25	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	Same	Toxics Air Monitoring: Continue operation of the toxics air monitoring sites and enter the data into AQS. State should analyze data collected. (FY'20-21 OAR NPM Guidance: Air Toxics Program Implementation, A.6.2, #1)	Toxics Air Monitoring: Continue operation of the toxics air monitoring sites and enter the data into AQS. State should analyze data collected. (FY'20-21 OAR NPM Guidance: Air Toxics Program Implementation, A.6.2, #1)		GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
26	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	New	Air Monitoring Network: Implement requisite changes to air monitoring network consistent with final ozone NAAQS rule from October, 2015. Changes include revised PAMS program, and submission of associated updated QAPPs and SOPs for the new PAMS program to EPA for approval prior to data collection. (Final FY 2020-2021 OAR NPM Guidance: Ambient Air Monitoring for Criteria Pollutants, A.4.2, #1)			GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387
27	Goal 1: A Cleaner, Healthier Environment Objective 1.1: Improve Air Quality	New	With multi-purpose grant funds for FY '18 and '19, MA plans to install and operate an ambient air monitoring station in the Fore River Basin area of Weymouth, Massachusetts. This monitoring station would measure VOCs, nitrogen dioxide, ozone, and fine particulate matter and would provide important information on existing air quality. MassDEP would work closely with EPA to ensure that this monitoring station meets all EPA siting criteria, and MassDEP would seek to include the site into its state-wide ambient air monitoring network through its annual Network Plan submitted to EPA. Utilizing Multipurpose Grant Funds.		Utilizing Multipurpose Grant Funds	GK 9/23/19	RCJ 9/24/19	Sean Dunn 978-242-1335	Tech: Bob Judge -8387

No.	Strategic Link		New, Same, Revised	2020 PPA Priorities & Commitments List	2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617.292.XXXX	EPA Contacts 617.918.XXXX
							MassDEP	EPA		
				<i>Certification of Drinking Water Labs</i>	<i>Certification of Drinking Water Labs</i>				Ann Lowery 617-292-5846 and Dr. Oscar Pancorbo 978-242-1314	Senior Program Manager: Robert Reinhart - 8633
1	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Maintain full certification of the MassDEP WES state principal laboratory and follow up promptly on any action items resulting from EPA's audits of the laboratory. Maintain required schedule of inspections for MassDEP certified laboratories. (i.e., commercial and municipal).	Maintain full certification of the MassDEP WES state principal laboratory and follow up promptly on any action items resulting from EPA's audits of the laboratory. Maintain required schedule of inspections for MassDEP certified laboratories. (i.e., commercial and municipal).		AL and OP 8/30/19	RRR 10/17/19	Ann Lowery 617-292-5846 and Dr. Oscar Pancorbo 978-242-1314	Senior Program Manager: Robert Reinhart - 8633 Tech: Steve DiMattel -8369
				<i>Source Water Protection</i>	<i>Source Water Protection</i>				Program Director: Yvette DePeiza 617 292-5857	Senior Program Manager: Jane Downing 8-1571
2	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Meet minimum of 95% of CWS and 95% of the population where risk to public health is minimized through source water protection. Continue to support implementation of local programs and, where appropriate, continue to integrate source water protection implementation into other programs as appropriate (e.g., UIC, stormwater). Local programs include watershed and wellhead protection plans, land use controls, education and outreach programs, emergency response planning.	Meet minimum of 95% of CWS and 95% of the population where risk to public health is minimized through source water protection. Continue to support implementation of local programs and, where appropriate, continue to integrate source water protection implementation into other programs as appropriate (e.g., UIC, stormwater). Local programs include watershed and wellhead protection plans, land use controls, education and outreach programs, emergency response planning.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Kathy Romero 617-292-5727	Manager: Denise Springborg - 1681; Tech: Kira Jacobs -1817
				<i>Drinking Water</i>	<i>Drinking Water</i>				Program Director: Yvette DePeiza 617 292-5857	Senior Program Manager: Jane Downing -1571
3	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Work to achieve target of 92% of population served by CWSs that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.	Work to achieve target of 92% of population served by CWSs that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857	Manager: Denise Springborg - 1681; Tech:Kevin Reilly -1694
4	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Work to achieve target of 92% of CWSs that provide drinking water that meets all applicable health-based standards through approaches including effective treatment and source water protection. (SP-1).	Work to achieve target of 92% of CWSs that provide drinking water that meets all applicable health-based standards through approaches including effective treatment and source water protection. (SP-1).	DEP Comment: EPA dropped the national program metric for GPRA-system from 90% to 87% in 2018 yet our PPA target remains 92%. We don't have a problem meeting this target but we need to know why the EPA Region1 target does not match the national target. EPA reviewed with DEP at annual meeting on 8/29/19.	YD, 8/30/19	DS, 9/4/19	Program Director: Yvette DePeiza 617 292-5857	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
5	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Revised	Sanitary surveys: 100% of all Community Water Systems (CWS) have undergone a sanitary survey within 3 years of the last survey (or every 5 years for outstanding performers or gw systems approved by state for 4-log treatment). Ensure 100 % of CWSs served by surface water/GWUDI are surveyed in this time period. For Groundwater Rule, complete a survey for all groundwater CWS on a three year cycle and all NTNCWSs on a five-year cycle (ie: , = XX surveys of NTNCWS/year). Report all surveys to SDWIS. (SDW 1a)	Sanitary surveys: 100% of all Community Water Systems (CWS) have undergone a sanitary survey within 3 years of the last survey (or every 5 years for outstanding performers or gw systems approved by state for 4-log treatment). Ensure 100 % of CWSs served by surface water/GWUDI are surveyed in this time period. For Groundwater Rule, complete a survey for all groundwater CWS on a three year cycle and all NTNCWSs on a five-year cycle (ie: , = XX surveys of NTNCWS/year). Report all surveys to SDWIS. (SDW 1a)	EPA comment: Revised to remove specific timeframe as EPA HQ is revising the calculation - TBD.	YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
6	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	All Hazards Preparedness/Resiliency: continue to help water systems prepare/protect infrastructure and water quality impacted by extreme weather events, coordinate with EPA on related workshops, exercises, and mutual aid WARN activities. The State will report the number of drinking water utilities, and local, state, and federal officials receiving training and technical assistance. (SDW-21).	All Hazards Preparedness/Resiliency: continue to help water systems prepare/protect infrastructure and water quality impacted by extreme weather events, coordinate with EPA on related workshops, exercises, and mutual aid WARN activities. The State will report the number of drinking water utilities, and local, state, and federal officials receiving training and technical assistance. (SDW-21).		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Frank Niles	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
7	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Work to achieve 97% of COM and NTNC systems meeting the lead Action Level.	Work to achieve 97% of COM and NTNC systems meeting the lead Action Level.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Jessica Sibirski	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
8	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Continue regional quarterly status reporting on COM and NTNC system Lead and Copper compliance and meet state commitments in response to EPA Deputy Administrator's February 2016 request (e.g. data transparency, etc.)	Continue regional quarterly status reporting on COM and NTNC system Lead and Copper compliance and meet state commitments in response to EPA Deputy Administrator's February 2016 request (e.g. data transparency, etc.)		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Jessica Sibirski	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
9	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Maintain timely and accurate reporting to SDWIS and otherwise comply with 40 CFR 142.15.	Maintain timely and accurate reporting to SDWIS and otherwise comply with 40 CFR 142.15.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Damon Guterman 617-574-6811	Manager: Denise Springborg - 1681; Emanuel Souza -1594
10	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Utilize, as needed, a phone and email-based automated reminder system for alerting public water systems to important drinking water issues.	Utilize, as needed, a phone and email-based automated reminder system for alerting public water systems to important drinking water issues.	EPA comment: Discuss the status of this with the state and revise accordingly.	YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Damon Guterman 617-574-6811	Manager: Denise Springborg - 1681; Tech: Emanuel Souza - 1594
11	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Revised	Work to achieve target of 100% of the FY2020 EPA Region 1 Drinking Water Annual Commitment Measures for MA through timely and appropriate actions as discussed in EPA's 12/8/09 Drinking Water Enforcement Response Policy that address and/or return public water systems identified by the Enforcement Targeting Tool to compliance.	Work to achieve target of 100% of the FY2021 EPA Region 1 Drinking Water Annual Commitment Measures for MA through timely and appropriate actions as discussed in EPA's 12/8/09 Drinking Water Enforcement Response Policy that address and/or return public water systems identified by the Enforcement Targeting Tool to compliance.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Damon Guterman 617-574-6811	Manager: Sharon Hayes - 1328 Tech: Ken Rota -1751
12	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Work to strengthen water systems' technical, managerial, and financial capacity and continue to maintain an effective operator certification program.	Work to strengthen water systems' technical, managerial, and financial capacity and continue to maintain an effective operator certification program.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Michael Maynard	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
13	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Coordinate with EPA on mid-year and year-end PWSS reviews, including status of various rule implementation, GPRA progress, and resource issues.	Coordinate with EPA on mid-year and year-end PWSS reviews, including status of various rule implementation, GPRA progress, and resource issues.		YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
14	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Revised	Address EPA's primacy review comments and resubmit Revised Total Coliform Rule primacy package.	Address EPA's primacy review comments and resubmit Revised Total Coliform Rule primacy package.	EPA comment: Region 1 conducted a review of the state primacy package and is unable to approve it without revision of the currently adopted regulation.	YD, 8/13/19	DS, 8/30/19	Program Director: Yvette DePeiza 617 292-5857	Manager: Denise Springborg - 1681; Tech: Kevin Reilly -1694
				<i>UIC</i>	<i>UIC</i>				Program Director: Yvette DePeiza 617 292-5857	Senior Program Manager: Jane Downing - 1571

15	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Continue to identify and to close or permit identified motor vehicle waste disposal wells and large capacity cess pools; report number identified, closed or permitted (UIC National Measure SDW-8). Continue to report UIC activities (e.g., number of inspections conducted, number of permits issued, number of wells closed, UIC enforcement activity, etc.) to EPA per 7520 forms, using EPA's new batch data upload system.	Continue to identify and to close or permit identified motor vehicle waste disposal wells and large capacity cess pools; report number identified, closed or permitted (UIC National Measure SDW-8). Continue to report UIC activities (e.g., number of inspections conducted, number of permits issued, number of wells closed, UIC enforcement activity, etc.) to EPA per 7520 forms, using EPA's new batch data upload system.		YD, 8/13/19	DS, 9/4/19	Program Director: Yvette DePeiza 617 292-5857 Tech: Joe Cerutti (617) 292-5859	Manager: Denise Springborg - 1681; Tech: Andrea Traviglia - 1993
16	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Continue using EPA's new batch upload system to report UIC inventory data.	Continue using EPA's new batch upload system to report UIC inventory data.	DEP Comment: Changed the word "start" to "continue" because this activity has already begun. It began with the 6-month report in May 2019	YD, 8/13/19	DS, 9/4/19	Program Director: Yvette DePeiza 617 292-5857 Tech Lead: Joe Cerutti (617) 292-5859	Manager: Denise Springborg - 1681; Tech: Andrea Traviglia - 1993
17	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Submit a revised MassDEP Primacy Package that reflects the MassDEP UIC-related regulatory revisions that have occurred since the original MassDEP application for primacy for the Class V 1999 amendment.	Submit a revised MassDEP Primacy Package that reflects the MassDEP UIC-related regulatory revisions that have occurred since the original MassDEP application for primacy for the Class V 1999 amendment.		YD, 8/13/19	DS, 9/4/19	Program Director: Yvette DePeiza 617 292-5857 Tech Lead: Joe Cerutti (617) 292-5859	Manager: Denise Springborg - 1681; Tech: Andrea Traviglia - 1993
			Water Monitoring	Water Monitoring	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Manager Katrina Kipp -8309
18	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Continue implementing final comprehensive water monitoring strategy covering lakes, rivers, estuaries and wetlands.	Continue implementing final comprehensive water monitoring strategy covering lakes, rivers, estuaries and wetlands.		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Art Johnson 508-767-2873	Manager: Katrina Kipp -8309 Tech: Tom Faber -8672
19	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Conduct statewide probabilistic survey and assessment of at least one water resource and at least one designated use with applicable water quality standard. Provide schedule and progress report for multi-year surveys.	Conduct statewide probabilistic survey and assessment of at least one water resource and at least one designated use with applicable water quality standard. Provide schedule and progress report for multi-year surveys.		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Art Johnson 508-767-2873	Manager: Katrina Kipp -8309 Tech: Tom Faber -8672
20	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Report on outcomes of monitoring activities using FY2019 106 supplemental funding for monitoring by Dec. 31, 2020, and prepare workplan for FY2020 106 supplemental funds by April 15, 2020.	Report on outcomes of monitoring activities using FY2020 106 supplemental funding for monitoring by Dec. 31, 2021, and prepare workplan for FY2021 106 supplemental funds by April 15, 2021.	DEP: It appears that the dates (i.e., the years) need to be updated. EPA: Dates have been updated.	LIB, 8/22/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Art Johnson 508-767-2873	Manager: Katrina Kipp -8309 Tech: Tom Faber -8672
21	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Participate as feasible in New England-wide projects and activities, and attend relevant regional meetings/conferences.	Participate as feasible in New England-wide projects and activities, and attend relevant regional meetings/conferences.		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Art Johnson 508-767-2873	Manager: Katrina Kipp -8309, Tech: Hilary Snook -8670
22	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Participate in or coordinate with EPA Office of Water's National Aquatic Resource Surveys (NARS) and submit workplan reflecting level of participation.	Participate in or coordinate with EPA Office of Water's National Aquatic Resource Surveys (NARS) and submit workplan reflecting level of participation.		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Art Johnson 508-767-2873	Manager: Katrina Kipp -8309 Tech: Hilary Snook -8670
			303(d)/305(b)	303(d)/305(b)	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Managers: Katrina Kipp -8309, Ralph Abele -1629
23	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Submit 2020 305(b)/303(d) Integrated Report by April 1, 2020.	Submit electronic updates to the 305(b)/303(d) Integrated Report by April 1, 2021.	DEP: It appears that the dates (i.e., the years) need to be updated. EPA: Dates have been updated.	LIB, 8/22/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Chase 508-767-2859	Senior Program Managers Katrina Kipp -8309, Ralph Abele - 1629
24	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Update CALM as needed by Dec. 31, 2019.	Update CALM as needed by Dec. 31, 2021.		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Chase 508-767-2859	Senior Program Managers Katrina Kipp -8309, Ralph Abele -1629
25	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	MassDEP will continue to georeference waters to MA 1:25,000 hydrography and will begin using 1:24,000 NHD when MA adopts a finer resolution NHD	MassDEP will continue to georeference waters to MA 1:25,000 hydrography and will begin using 1:24,000 NHD when MA adopts a finer resolution NHD	DEP: This is confusing. Better wording might be: "MassDEP will continue to georeference waters to MA 1:25,000 hydrography and will begin using 1:24,000 NHD when MA adopts a finer resolution NHD." EPA: OK as proposed. DEP: Updated to reflect proposed change	LIB, 8/22/19	KK, 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Chase 508-767-2859	Manager: Katrina Kipp -8309 Tech: Monique Dulac -8327
			STORET/WQX (Water Quality Exchange)	STORET/WQX (Water Quality Exchange)	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Manager Katrina Kipp -8309
26	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Provide annual uploads of physical, chemical and biological monitoring data to WQX (STORET).	Provide annual uploads of physical, chemical and biological monitoring data to WQX (STORET).		LIB, 8/15/19	KK, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Chase 508-767-2859	Manager: Katrina Kipp -8309 Tech: Monique Dulac -8327
			Water Quality Standards - Biological, Nutrient, Temperature	Water Quality Standards - Biological, Nutrient, Temperature	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Manager: Ralph Abele-1629
27	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	EPA will provide support to DEP, EEA, DCR and other state and federal agencies in their efforts toward addressing flow quantity and water level issues as part of their implementation of 310CMR 36.00, New Water Management Act regulations.	EPA will provide support to DEP, EEA, DCR and other state and federal agencies in their efforts toward addressing flow quantity and water level issues as part of their implementation of 310CMR 36.00, New Water Management Act regulations.	The new BWR Assistant Commissioner, Kathleen Baskin, is the MassDEP contact for this EPA task.	KB 8/15/2019	RWA 8/27/19	Kathleen Baskin 617-292-5792	Manager & Tech: Ralph Abele - 1629
28	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Continue ongoing WQS reviews, activities, and work with EPA to resolve outstanding issues. (WQ-03a, WQ-04a) Continue efforts to adopt latest EPA 304(a) criteria.	Continue ongoing WQS reviews, activities, and work with EPA to resolve outstanding issues. (WQ-03a, WQ-04a) Continue efforts to adopt latest EPA 304(a) criteria.		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Carey 508-767-2894	Manager: Ralph Abele - 1629 Tech: Toby Stover -1604/Jeanne Voorhees-1686
29	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Work with EPA towards the development of a nutrient management framework and criteria for phosphorus and nitrogen for lakes/ponds/impoundments and rivers/streams/estuaries at the earliest possible time. (WQ-1a, 1b)."	Work with EPA towards the development of a nutrient management framework and criteria for phosphorus and nitrogen for lakes/ponds/impoundments and rivers/streams/estuaries at the earliest possible time. (WQ-1a, 1b)."		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Carey 508-767-2894	Manager: Ralph Abele - 1629 Tech: Toby Stover - 1604
30	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Provide any necessary schedule updates and a brief progress report to EPA for the development of numeric water quality criteria, total phosphorus and total nitrogen for lakes/ponds/impoundments; rivers/streams; and estuaries in Massachusetts by December 2020. (WQ-1c).	Provide any necessary schedule updates and a brief progress report to EPA for the development of numeric water quality criteria, total phosphorus and total nitrogen for lakes/ponds/impoundments; rivers/streams; and estuaries in Massachusetts by December 2021. (WQ-1c).		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Carey 508-767-2894	Manager: Ralph Abele - 1629 Tech: Toby Stover - 1604
31	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	EPA and DEP agree to work together to collect any necessary data, as well as, assess the progress being made within the region and nationally on the development of science for establishing phosphorus and nitrogen numeric criteria.	EPA and DEP agree to work together to collect any necessary data, as well as, assess the progress being made within the region and nationally on the development of science for establishing phosphorus and nitrogen numeric criteria.		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Richard Carey 508-767-2894	Manager : Ralph Abele - 1629 Tech: Toby Stover - 1604
			TMDL Development	TMDL Development	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Manager: Ralph Abele-1629

32	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Work toward completion of any remaining prior year TMDL commitments (i.e., completing development of 60 additional TMDLs from FY15 commitment, extended through FY20).	Work toward completion of any remaining prior year TMDL commitments (i.e., completing development of 60 additional TMDLs from FY15 commitment, extended through FY21).		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
33	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	By 08/31/19, provide EPA R1 with a draft list of 303(d) Vision priority waters, scheduled for 2016-2022 timeframe, and electronic data for entry into ATTAINS database by EPA HQ. (WQ-27)	By 08/31/20, provide EPA R1 with a draft list of 303(d) Vision priority waters, scheduled for 2016-2022 timeframe, and electronic data for entry into ATTAINS database by EPA HQ. (WQ-27)	DEP: Should the dates be revised to 7/31/20 and 7/31/21? EPA: I believe dates are OK	LIB, 8/27/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
34	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	By 09/30/19, agree on FY20 waterbody commitments for TMDL development (future substitutions allowed), TMDL alternatives, and protection plans, as appropriate. During FY20 and before 09/30/19, submit TMDLs to EPA for review and approval, along with TMDL alternatives and protection plans as per the state's schedule for 303(d) Vision priorities (WQ-27) and other planned activities.	By 09/30/20, agree on FY21 waterbody commitments for TMDL development (future substitutions allowed), TMDL alternatives, and protection plans, as appropriate. During FY 21and before 09/30/20, submit TMDLs to EPA for review and approval, along with TMDL alternatives and protection plans as per the state's schedule for 303(d) Vision priorities (WQ-27) and other planned activities. (WQ-28	DEP: The dates need to be revised in the second paragraph to reflect FFY20 and FFY21 DONE	LIB, 8/27/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
35	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Circa fall 2019, if needed, and following public and EPA review, submit electronic data to EPA during the FY20 "open season" in ATTAINS to accommodate any essential revisions to 303(d) Vision priorities (WQ-27) and other planned activities. (WQ-28)	Circa fall 2020, if needed, and following public and EPA review, submit electronic data to EPA during the FY21 "open season" in ATTAINS to accommodate any essential revisions to 303(d) Vision priorities (WQ-27) and other planned activities.		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
36	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	If the State chooses to pursue partial credit for progress on priority TMDLs, TMDL alternatives, and protection plans, then notify EPA R1 of milestones achieved (planning, developing) for entry into ATTAINS by October 31, 2020.	If the State chooses to pursue partial credit for progress on priority TMDLs, TMDL alternatives, and protection plans, then notify EPA R1 of milestones achieved (planning, developing) for entry into ATTAINS by October 31, 2021.		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
37	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Participate in Region 1/State/NEIWPCC TMDL efforts to improve environmental effectiveness of the TMDL program.	Participate in Region 1/State/NEIWPCC TMDL efforts to improve environmental effectiveness of the TMDL program.		LIB, 8/15/19	RWA 8/27/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Barb Kickham 508-767-2724	Manager: Ralph Abele-1629 Tech: Ivy Mlsna-1311
			Watershed Approach	Watershed Approach					Senior Program Manager: Mel Côté - 1553
38	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Collaborate on the Mystic River Watershed Initiative to improve water quality and environmental conditions throughout the watershed by serving on the Mystic River Watershed Initiative Steering and Science Committees and actively participate in meetings, support priority actions, including environmental justice, to the best of each agency's ability and within their authorities.	Collaborate on the Mystic River Watershed Initiative to improve water quality and environmental conditions throughout the watershed by serving on the Mystic River Watershed Initiative Steering and Science Committees and actively participate in meetings, support priority actions, including environmental justice, to the best of each agency's ability and within their authorities.		KB 8/15/2019	DD 10/1/2019	Kevin Brander: 978-694-3236	Manager: Mel Côté - 1553 Tech: Caitlyn Whittle -1748
			319 Program	319 Program	Laura Blake is the new MassDEP Contact.			Program Director: Laura Blake 508-767-2876	Senior Program Manager: Mel Côté -1553
39	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	National Guidelines: Use the Nonpoint Source Program and Grants Guidelines for States and Territories released on April 12, 2013, to identify eligible activities, program priorities, programmatic conditions, and reporting requirements. At least 50% of 319 funding will be used for implementing watershed-based plans (WBP) to protect or restore priority water bodies. One nine-element WBP per state will be submitted annually to the Region for review; all alternative watershed-based plans will be submitted to the Region for review and approval. Continue to work with USDA through participation on the State Technical Committee and to support the National Water Quality Initiative, including monitoring. Complete annual Grants Reporting and Tracking System (GRTS) reporting by February 28th, and enter all mandatory GRTS data elements within 90 days of a categorical grant or final PPS award. Submit an annual work plan and schedule that describes proposed 319-funded work, outputs, staffing, environmental outcomes, and budget, consistent with management plan milestones.	National Guidelines: Use the Nonpoint Source Program and Grants Guidelines for States and Territories released on April 12, 2013, to identify eligible activities, program priorities, programmatic conditions, and reporting requirements. At least 50% of 319 funding will be used for implementing watershed-based plans (WBP) to protect or restore priority water bodies. One nine-element WBP per state will be submitted annually to the Region for review; all alternative watershed-based plans will be submitted to the Region for review and approval. Continue to work with USDA through participation on the State Technical Committee and to support the National Water Quality Initiative, including monitoring. Complete annual Grants Reporting and Tracking System (GRTS) reporting by February 28th, and enter all mandatory GRTS data elements within 90 days of a categorical grant or final PPS award. Submit an annual work plan and schedule that describes proposed 319-funded work, outputs, staffing, environmental outcomes, and budget, consistent with management plan milestones.	EPA: Several NPS P&Cs were revised to consolidate their number and reduce redundant language. No significant changes to actual commitments were made.	LIB, 8/15/19	MF, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Matt Reardon 508-849-4002	Manager: MaryJo Feuerbach - 1578; Tech: Ian Dombroski -1342
40	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	NPS meetings/training: A representative of the state's NPS program is expected to attend national and regional NPS and GRTS training workshops, conferences and meetings convened by EPA unless prevented by state-wide travel bans. Annual state work plans should include adequate 319 funds to cover travel expenses for NPS program staff to participate unless state funds are available for this purpose.	NPS meetings/training: A representative of the state's NPS program is expected to attend national and regional NPS and GRTS training workshops, conferences and meetings convened by EPA unless prevented by state-wide travel bans. Annual state work plans should include adequate 319 funds to cover travel expenses for NPS program staff to participate unless state funds are available for this purpose.	EPA: See above.	LIB, 8/15/19	MF, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Matt Reardon 508-849-4002	Manager: MaryJo Feuerbach - 1578; Tech: Ian Dombroski -1342
41	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Success Stories: Submit success stories for impairments eliminated in previous years (Type 1 stories) and/or that show improvement in water quality (Type 2 stories) or demonstrate ecological restoration (Type 3 stories). To do this, identify impairments eliminated or waterbodies with demonstrated water quality or habitat improvements, and investigate whether local, state, federal or private NPS mitigation occurred that might make these waterbodies a candidate for a NPS Success Story. Using EPA's guidance (https://www.epa.gov/nps/about-nonpoint-source-pollution-success-stories#How), prepare and submit to EPA candidate success stories (via the Grants Reporting Tracking System portal) by July 15th. See https://www.epa.gov/nps/success-stories-about-restoring-water-bodies-impaired-nonpoint-source-pollution for examples of success stories and other information.	Success Stories: Submit success stories for impairments eliminated in previous years (Type 1 stories) and/or that show improvement in water quality (Type 2 stories) or demonstrate ecological restoration (Type 3 stories). To do this, identify impairments eliminated or waterbodies with demonstrated water quality or habitat improvements, and investigate whether local, state, federal or private NPS mitigation occurred that might make these waterbodies a candidate for a NPS Success Story. Using EPA's guidance (https://www.epa.gov/nps/about-nonpoint-source-pollution-success-stories#How), prepare and submit to EPA candidate success stories (via the Grants Reporting Tracking System portal) by July 15th. See https://www.epa.gov/nps/success-stories-about-restoring-water-bodies-impaired-nonpoint-source-pollution for examples of success stories and other information.	EPA: See above.	LIB, 8/15/19	MF, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Matt Reardon 508-849-4002	Manager: MaryJo Feuerbach - 1578; Tech: Ian Dombroski -1342
42	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Annual Report: In accordance with the CWA and following the current Nonpoint Source Program and Grants Guidelines, report annually on progress made in implementing the state's NPS Management Program, including a summary of major accomplishments and completed milestones, a description of 319-funded statewide programs and completed 319-funded watershed projects, a list of active 319 projects with expected completion dates, a brief summary of water quality improvements (e.g. restoration of impaired waters or other notable environmental results) and NPS pollutant load reductions (total phosphorus, nitrogen, and sediment reductions for the state, from the previous February's GRTS reporting). Where information is not yet available on load reductions and water quality improvement where implementation is underway, surrogate measures of environmental progress should be used.	Annual Report: In accordance with the CWA and following the current Nonpoint Source Program and Grants Guidelines, report annually on progress made in implementing the state's NPS Management Program, including a summary of major accomplishments and completed milestones, a description of 319-funded statewide programs and completed 319-funded watershed projects, a list of active 319 projects with expected completion dates, a brief summary of water quality improvements (e.g. restoration of impaired waters or other notable environmental results) and NPS pollutant load reductions (total phosphorus, nitrogen, and sediment reductions for the state, from the previous February's GRTS reporting). Where information is not yet available on load reductions and water quality improvement where implementation is underway, surrogate measures of environmental progress should be used.		LIB, 8/15/19	MF, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Matt Reardon 508-849-4002	Manager: MaryJo Feuerbach - 1578; Tech: Ian Dombroski -1342

43	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water		Same	Satisfactory Progress Review: EPA will use information provided by the state (annual report, workplan, GRTS entry, success stories) to determine whether the State has made satisfactory progress in implementing its NPS Management Program in accordance with CWA Section 319(h)(8). If appropriate, EPA will request additional information to assist with the determination. EPA will complete an annual checklist on Progress and Performance and document its findings.	Satisfactory Progress Review: EPA will use information provided by the state (annual report, workplan, GRTS entry, success stories) to determine whether the State has made satisfactory progress in implementing its NPS Management Program in accordance with CWA Section 319(h)(8). If appropriate, EPA will request additional information to assist with the determination. EPA will complete an annual checklist on Progress and Performance and document its findings.		LJB, 8/15/19	MF, 8/20/19	Program Director: Laura Blake 508-767-2876 Tech Lead: Matt Reardon 508-849-4002	Manager: MaryJo Feuerbach - 1578; Tech: Ian Dombroski -1342
				NPDES Development	NPDES Development				Lealdon Langley (617) 574-6882	Senior Program Manager: Thelma Murphy - 1615
44	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Identify and complete other work-sharing activities for FY 2020 and continue to work on the development of site specific water quality determinations.	Identify and complete other work-sharing activities for FY 2021 and continue to work on the development of site specific water quality determinations.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
45	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	MassDEP will work with EPA to develop efficiencies for processing NPDES permits including ways to reduce duplication between the agencies, increase production of permits, develop nutrient effluent limits as staff time allows, and consolidate state agency reviews.	MassDEP will work with EPA to develop efficiencies for processing NPDES permits including ways to reduce duplication between the agencies, increase production of permits, develop nutrient effluent limits as staff time allows, and consolidate state agency reviews.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
46	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Participate in bi-monthly coordination and planning meetings on the status of MA NPDES permits, including a regular discussion of enforcement coordination in these meetings.	Participate in bi-monthly coordination and planning meetings on the status of MA NPDES permits, including a regular discussion of enforcement coordination in these meetings.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
47	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Coordinate on NPDES Permitting for Power Plants.	Coordinate on NPDES Permitting for Power Plants.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
48	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Assist EPA in responding to comments received during public comment periods.	Assist EPA in responding to comments received during public comment periods.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
49	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Assist EPA in defending NPDES permit appeals	Assist EPA in defending NPDES permit appeals		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
50	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Assist in the issuance of permits identified for FY20/FY21. Permits identified late FY19/FY20.	Assist in the issuance of permits identified for FY20/FY21. Permits identified late FY19/FY20.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
51	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Where applicable, assist in the review of NOIs under Potable Water Treatment Facilities General Permit (PWTFGP), Dewatering General Permit (DGP), Hydroelectric Generating Facility General Permit (HYDRO GP), Non Contact Cooling Water General Permit (NCCWGP), Small POTW GP, and Remediation General Permit (RGP). In FY20 assist in the development of the reissuance of any of the following general permits which have expired or will expire on the dates indicated and that have not yet been reissued: HYDRO GP (12/31/15) and Small POTW GP (7/6/16), (WQ-12a) Assist with public inquiries regarding the implementation of the Construction Storm Water GP and the Multi-Sector GP.	Where applicable, assist in the review of NOIs under Potable Water Treatment Facilities General Permit (PWTFGP), Dewatering General Permit (DGP), Hydroelectric Generating Facility General Permit (HYDRO GP), Non Contact Cooling Water General Permit (NCCWGP), Small POTW GP, and Remediation General Permit (RGP). In FY21 assist in the development of the reissuance of any of the following general permits which have expired or will expire on the dates indicated and that have not yet been reissued: HYDRO GP (12/31/15) and Small POTW GP (7/6/16), (WQ-12a) Assist with public inquiries regarding the implementation of the Construction Storm Water GP and the Multi-Sector GP.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
52	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Assist in appeal and outreach on topics in the 2016 MA M54 permit that relate to state requirements, including providing explanations, suitable for the public, regarding the state procedure for meeting state antidegradation requirements for new and increased M54 stormwater discharges as referenced in MA M54 permits.	Assist in appeal and outreach on topics in the 2016 MA M54 permit that relate to state requirements, including providing explanations, suitable for the public, regarding the state procedure for meeting state antidegradation requirements for new and increased M54 stormwater discharges as referenced in MA M54 permits.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
53	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Assist in outreach activities related to the 2016 Small M54 general permit and if requested, review of related documents.	Assist in outreach activities related to the 2016 Small M54 general permit and if requested, review of related documents.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy; Tech: Newton Tedder - 1038

54	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Assist in the reissuance of Phase I MS4 permits for Boston and Worcester. (WQ13a & b).	Assist in the reissuance of Phase I MS4 permits for Boston and Worcester. (WQ13a & b).		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
55	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Assist in the development of the new Storm Water TS4 permit for MassDOT.	Assist in the development of the new Storm Water TS4 permit for MassDOT if not issued in FY20.	MassDEP Comment: the FY 2020 item should read "Assist in the development of the new Storm Water TS4 Permit for MassDOT." and the FY 2021 item should read "Assist in the development of the new Storm Water TS4 Permit for MassDOT if not issued in FY20." EPA agrees.	SK 8/22/19	TM 8/22/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy; Tech: Newton Tedder - 1038
56	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Work with EPA and municipalities that express interest in pursuing EPA's 2012 Integrated Municipal Stormwater and Wastewater Planning Approach Framework.	Work with EPA and municipalities that express interest in pursuing EPA's 2012 Integrated Municipal Stormwater and Wastewater Planning Approach Framework.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
57	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Continue to work with EPA to approve and enforce Long Term CSO Control Plans. Work with EPA to deal with Communities that chose sewer separation as the cost-effective alternative and want to amend their LTCP to address the added requirement of treating stormwater.	Continue to work with EPA to approve and enforce Long Term CSO Control Plans. Work with EPA to deal with Communities that chose sewer separation as the cost-effective alternative and want to amend their LTCP to address the added requirement of treating stormwater.		SK 8/9/19	DD 10/1/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Manager: Denny Dart - 1850 & Senior Program Manager: Ken Moraff - 1502
58	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Provide state review of draft permits and review/signature/certification for all final permits within three weeks of receipt, unless EPA and MassDEP acknowledge that there are conditions warranting an agreed upon shorter or longer time frame.	Provide state review of draft permits and review/signature/certification for all final permits within three weeks of receipt, unless EPA and MassDEP acknowledge that there are conditions warranting an agreed upon shorter or longer time frame.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
59	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	EPA currently provides draft permits and fact sheets to MassDEP for interagency comment prior to the Public Notice period. Regular consultation between EPA and MassDEP occurs regarding draft permit development. In unique circumstances MassDEP may submit public comments to EPA during the Public Notice period (in addition to or in place of pre-public notice interagency comments). Either agency may decide at that point (or any other point) not to proceed with the joint permitting process. MassDEP will continue to consult with EPA throughout the permit development process. MassDEP intends to co-issue all permits.	EPA currently provides draft permits and fact sheets to MassDEP for interagency comment prior to the Public Notice period. Regular consultation between EPA and MassDEP occurs regarding draft permit development. In unique circumstances MassDEP may submit public comments to EPA during the Public Notice period (in addition to or in place of pre-public notice interagency comments). Either agency may decide at that point (or any other point) not to proceed with the joint permitting process. MassDEP will continue to consult with EPA throughout the permit development process. MassDEP intends to co-issue all permits.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
60	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	In accordance with 40 CFR 124.53 EPA will request a CWA Section 401 Water Quality Certification within 60 days of issuance of a draft permit. MassDEP intends to certify all permits, and will work to issue a 401 Certification for a draft final permit within 3 weeks of receiving an initial proposed final permit to review. If MassDEP believes that a complex or unusual permit will require additional time for review before the state is able to make a final certification decision, it will consult with EPA regarding the need for delay before the end of the 3 weeks. However, after such consultation, EPA may determine, as provided by regulation, that the 401 Certification has been waived, so long as 60 days have passed since the original certification request.	In accordance with 40 CFR 124.53 EPA will request a CWA Section 401 Water Quality Certification within 60 days of issuance of a draft permit. MassDEP intends to certify all permits, and will work to issue a 401 Certification for a draft final permit within 3 weeks of receiving an initial proposed final permit to review. If MassDEP believes that a complex or unusual permit will require additional time for review before the state is able to make a final certification decision, it will consult with EPA regarding the need for delay before the end of the 3 weeks. However, after such consultation, EPA may determine, as provided by regulation, that the 401 Certification has been waived, so long as 60 days have passed since the original certification request.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
61	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	Work with EPA to resolve petitions to address stormwater discharges from commercial, industrial, and institutional properties not directly addressed in existing NPDES or state permits. MassDEP will assist EPA as they move forward in resolving these situations	Work with EPA to resolve petitions to address stormwater discharges from commercial, industrial, and institutional properties not directly addressed in existing NPDES or state permits. MassDEP will assist EPA as they move forward in resolving these situations		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
62	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Same	MassDEP shall post all reports produced by the Massachusetts Estuary Program that have received state or federal funding on the MassDEP web site.	MassDEP shall post all reports produced by the Massachusetts Estuary Program that have received state or federal funding on the MassDEP web site.	DEP Comment: The contact for this item should be Lealdon Langley only.	L2 8/20/19	TM 8/21/19	Lealdon Langley (617) 574-6882	Senior Program Manager: Thelma Murphy - 1615
63	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	Assist in the development of permits within the LIS watershed.	Assist in the development of permits within the LIS watershed.		SK 8/9/19	TM 8/21/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Senior Program Manager: Thelma Murphy - 1615
64	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.4: Streamline & Modernize	Revised	The state shall support the implementation of the NPDES Electronic Reporting Rule (eRule), including assisting EPA Region 1 staff in meeting the Phase 2 eRule requirements.	The state shall support the implementation of the NPDES Electronic Reporting Rule (eRule), including assisting EPA Region 1 staff in meeting the Phase 2 eRule requirements.		SK 8/9/19	DD 10/1/19	Lealdon Langley (617) 574-6882; Program lead: Susannah King (617)556-1147	Manager: Denny Dart - 1850; Technical: Neil Handler - 1334
				Wetlands	Wetlands	<i>Stephanie Moura is the new MassDEP contact</i>			Stephanie Moura (617)654-6612	Senior Program Manager: Jackie Leclair-1549

65	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Update annually a tracking report on wetlands impacts and mitigation and on types of projects reported in MassDEP's WIRE permitting database state-wide by December 31st of each year. Every five years (2021, 2026, etc.) report on trends and patterns for the previous five years based on MassDEP's Wetland Change data, as funding permits.	Update annually a tracking report on wetlands impacts and mitigation and on types of projects reported in MassDEP's WIRE permitting database state-wide by December 31st of each year. Every five years (Estimated 2021, 2026 etc.) report on trends and patterns for the previous five years based on MassDEP's Wetland Change data, as funding permits.	Edited per discussion with Jackie LeClair.	SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549 Tech: Ed Reiner -1692
66	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Continue Web-based reporting on the status of DEP Wetland Program Development Grant (WPDG) projects.	Continue Web-based reporting on the status of DEP Wetland Program Development Grant (WPDG) projects.		SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549 Tech: Ed Reiner -1692
67	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Provide regional wetlands program with progress and annual reports on Wetland Program Development Grants as applicable.	Provide regional wetlands program with progress and annual reports on Wetland Program Development Grants as applicable.		SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549 Tech: Donna Smith-Williams 1620
68	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Continue implementing wetlands biological monitoring and assessment plan, as resources allow, in the following manner: a)Continue to participate in the NEBAWWG biological monitoring and assessment effort; b) Support research conducted by UMass and MACZM to assess salt marsh condition; and c) Conduct targeted monitoring and assessment projects as the need arises.	Continue implementing wetlands biological monitoring and assessment plan, as resources allow, in the following manner: a) Continue to participate in the NEBAWWG biological monitoring and assessment effort; b) Support research conducted by UMass and MACZM to assess salt marsh condition; and c) Conduct targeted monitoring and assessment projects as the need arises.	Edited per discussion with Jackie LeClair.	SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549, Tech: Beth Alafat -1399
69	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Participate in annual meeting with EPA to discuss progress of the state wetland program, WPDG's, and Wetland Program Plan.	Participate in annual meeting with EPA to discuss progress of the state wetland program, WPDG's, and Wetland Program Plan.		SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549, Tech: Donna Smith-Williams - 1620
70	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Support the Region 1 wetland program priority in 2018 and 2019: Ensure that wetland complexes of high ecological value, blocks of unfragmented habitat, and/or areas that provide resilience for wetland impacts from climate change are protected, and that natural stream flow regimes and riparian corridors are maintained and connected to protect aquatic resources across New England.	Support the Region 1 wetland program priority in 2020 and 2021: Ensure that wetland complexes of high ecological value, blocks of unfragmented habitat, and/or areas that provide resilience for wetland impacts from climate change are protected, and that natural stream flow regimes and riparian corridors are maintained and connected to protect aquatic resources across New England.		SM 8/20/19	JL 8-26-19	Stephanie Moura (617)654-6612; program lead: Lisa Rhodes (617)292-5512	Manager: Jackie Leclair -1549, Tech: Trish Garrigan - 1583
			Dredged Material Management	Dredged Material Management	Stephanie Moura is the new MassDEP contact			Stephanie Moura (617)654-6612	Senior Program Manager: Regina Lyons - 1557
71	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Coordinate with MCZM to ensure any outstanding technical issues can be brought to the attention of the Regional Dredging Team Technical Workgroup (aka Sudbury Group) for potential resolution or assistance.	Coordinate with MCZM to ensure any outstanding technical issues can be brought to the attention of the Regional Dredging Team Technical Workgroup for potential resolution or assistance.	Edited per discussion with Jackie LeClair. The "Sudbury Group" title is no longer used, but MassDEP continues to coordinate with CZM as described.	SM 8/20/19	RL 8/30/19	Stephanie Moura (617)654-6612 and Lisa Rhodes (617) 292-5893	Manager: Regina Lyons -1557 Tech: Olga Guza -1542
72	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Coordinate with other federal and state agencies on planning and regulatory activities associated with dredging and dredged material management (CO-6) through electronic communications via project posting in ACoE's website or by participating in Joint Processing when meetings are held.	Coordinate with other federal and state agencies on planning and regulatory activities associated with dredging and dredged material management (CO-6) through electronic communications via project posting in ACoE's website or by participating in Joint Processing when meetings are held.		SM 8/20/19	RL 8/30/19	Stephanie Moura (617) 654-6612 and Lisa Rhodes (617) 292-5893	Manager: Regina Lyons -1557 Tech: Olga Guza -1542
			No Discharge Zone	No Discharge Areas	Stephanie Moura is the new MassDEP contact			Stephanie Moura (617) 654-6612	Senior Program Manager: Regina Lyons - 1557
73	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Coordinate with MA CZM to implement outreach and enforcement strategies in support of No Discharge Zone for all Massachusetts state coastal waters (CO-2) as resources allow.	Coordinate with MA CZM to implement outreach and enforcement strategies in support of No Discharge Zone for all Massachusetts state coastal waters (CO-2) as resources allow.	EPA comment: updated Tech POC	SM 8/20/19	RL 8/30/19	Stephanie Moura (617)654-6612	Manager: Regina Lyons -1557 Tech: Ivy Misna 1311
			Beaches	Beaches				Ann Lowery 617-292-5846	Senior Program Manager: Regina Lyons - 1557
74	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Coordinate with MDPH when necessary to investigate/enforce chronic beach closures due to bacteria. If state funding/staffing constraints become an issue, DEP will notify EPA and discuss strategies to address the shortfall. (SP-9, SS-2).	Coordinate with MDPH when necessary to investigate/enforce chronic beach closures due to bacteria. If state funding/staffing constraints become an issue, DEP will notify EPA and discuss strategies to address the shortfall. (SP-9, SS-2).	EPA comment: updated Tech POC	AL and OP 8/30/19	RL 9/10/19	Ann Lowery 617-292-5846 and Dr. Oscar Pancorbo 978-242-1314	Manager: Regina Lyons -1557 Tech: Ivy Misna 1311 and Alicia Grimaldi - 1806
			National Estuary Program	National Estuary Program	Lealdon Langley is the new MassDEP Contact.			Lealdon Langley (617) 574-6882	Senior Program Manager: Regina Lyons - 1557
75	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	EPA to provide administrative, technical, and financial support to the National Estuary Programs in your state. (CO-4).	EPA to provide administrative, technical, and financial support to the National Estuary Programs in your state. (CO-4).		L2 8/21/19	RL 8/30/19	Lealdon Langley (617) 574-6882	Manager: Regina Lyons -1557 Tech: Margherita Pryor -1597
76	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	EPA to disseminate national and regional guidance and award grants and cooperative agreements in a timely fashion. (CO-4).	EPA to disseminate national and regional guidance and award grants and cooperative agreements in a timely fashion. (CO-4).		L2 8/21/19	RL 8/30/19	Lealdon Langley (617) 574-6882	Manager: Regina Lyons -1557 Tech: Margherita Pryor -1597
77	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Same	Participate on Buzzards Bay National Estuary Program Steering Committee and coordinate with MCZM to implement the new Buzzards Bay CCMP, including climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	Participate on Buzzards Bay National Estuary Program Steering Committee and coordinate with MCZM to implement the new Buzzards Bay CCMP, including climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	EPA: updated Tech POC	L2 8/21/19	RL 8/30/19	Lealdon Langley (617) 574-6882	Manager: Regina Lyons -1557 Tech: Alicia Grimaldi- 1806
78	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Participate on Massachusetts Bays Estuary Program Management Committee and coordinate with MCZM to support the completion and implementation of the revised Massachusetts Bays CCMP, including incorporation of climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	Participate on Massachusetts Bays Estuary Program Management Committee and coordinate with MCZM to support the implementation of the new Massachusetts Bays CCMP, including incorporation of climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	EPA: minor updated language. Assumes completion of the CCMP revision by end of FY19 or early FY20	L2 8/21/19	RL 8/30/19	Lealdon Langley (617) 574-6882	Manager: Regina Lyons -1557 Tech: Margherita Pryor -1597
79	Goal 1: A Cleaner, Healthier Environment Objective 1.2: Provide for Clean & Safe Water	Revised	Participate on Narragansett Bay Estuary Program Executive, Steering, CCMP Revision, and Science Advisory Committees and coordinate with NEWPCC to support implementation of the new Narragansett Bay CCMP, including climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	Participate on Narragansett Bay Estuary Program Executive, Steering, CCMP Revision, and Science Advisory Committees and coordinate with NEWPCC to support implementation of the new Narragansett Bay CCMP, including climate change adaptation strategies. (CO-3, CO-4, and 4.3.2).	EPA: minor updated language and included CCMP revision over FY20 and FY21, target completion in 2022	L2 8/21/19	RL 8/30/19	Lealdon Langley (617) 574-6882	Manager: Regina Lyons -1557 Tech: Caitlyn Whittle -1748

No.	Strategic Link		New, Same, Revised	2020 PPA Priorities & Commitments List	2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617.292.XXXX	EPA Contacts 617.918.XXXX
							MassDEP	EPA		
				<i>Sustainable Material Management</i>	<i>Sustainable Material Management</i>				Greg Cooper 292-5988	Senior Program Manager: Ginny Lombardo - 1754
1	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	MA will continue to work on projects that reduce or divert municipal solid waste from incineration and landfills while supporting a sustainable materials approach. This approach, emphasizing the value of materials, will lead to increasing source reduction, reuse, recycling and composting. As part of this work, the state will enter solid waste data as part of the State Data Measurement Sharing Program.	MA will continue to work on projects that reduce or divert municipal solid waste from incineration and landfills while supporting a sustainable materials approach. This approach, emphasizing the value of materials, will lead to increasing source reduction, reuse, recycling and composting. As part of this work, the state will enter solid waste data as part of the State Data Measurement Sharing Program.		GC 8/23/19	GL 9/6/19	Greg Cooper 292-5988	Manager: Frank Gardner - 1278
				<i>RCRA Authorization</i>	<i>RCRA Authorization</i>				Greg Cooper 292-5988	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
2	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Revised	Submit authorization application for rules (Labs, DTC and remaining HSWA listings).	Develop draft regulations for e-Manifest, air bags, and nicotine (P075) part of the pharmaceuticals rule.		GC 9/4/19 for James Paterson	BD 9/6/19	James Paterson 556-1096	Senior Program Manager: Ginny Lombardo -1754, Tech: Sharon Leitch -1647
				<i>RCRA Permit Renewals</i>	<i>RCRA Permit Renewals</i>				Greg Cooper 292-5988	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
3	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Renew TSDF permits at two (2) TSDFs on the 18-22 permit renewal baseline. (HW0)	Renew TSDF permits at one (1) TSDF on the 18-22 permit renewal baseline. (HW0)		RB 8/23/2019	BD 9/6/19	Richard Blanchet 654-6585	Senior Program Manager: Ginny Lombardo -1754, Tech: Sharon Leitch -1647
				<i>UST</i>	<i>UST</i>				Thomas DeNormandie 617-292-5763	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
				<i>STAG funds are included in the PPG to cover costs for UST Program activities that are ineligible with LUST Prevention (LP) Funds. LP funds are not PPG eligible - funds are in separate cooperative agreement.</i>	<i>STAG funds are included in the PPG to cover costs for UST Program activities that are ineligible with LUST Prevention (LP) Funds. LP funds are not PPG eligible - funds are in separate cooperative agreement.</i>					
4	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Improve UST Operational Compliance: (a) Perform state lead field inspections to determine significant operational compliance.	Improve UST Operational Compliance: (a) Perform state lead field inspections to determine significant operational compliance.		TD 8-23-19	BD 9/6/19	Thomas DeNormandie 617-292-5763	Senior Program Manager: Ginny Lombardo -1754, Tech: Joan Coyle - 1303
5	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Improve UST Operational Compliance: (b) continue to improve operational compliance by 0.5% over rate of previous year.	Improve UST Operational Compliance: (b) continue to improve operational compliance by 0.5% over rate of previous year.		TD 8-23-19	BD 9/6/19	Thomas DeNormandie 617-292-5763	Senior Program Manager: Ginny Lombardo -1754, Tech: Joan Coyle - 1303
6	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Reduce Number of Confirmed UST Releases Annually.	Reduce Number of Confirmed UST Releases Annually.		TD 8-23-19	BD 9/6/19	Thomas DeNormandie 617-292-5763	Senior Program Manager: Ginny Lombardo -1754, Tech: Joan Coyle - 1303
7	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Continue with implementation of operator training.	Continue with implementation of operator training.		TD 8-23-19	BD 9/6/19	Thomas DeNormandie 617-292-5763	Senior Program Manager: Ginny Lombardo -1754, Tech: Joan Coyle - 1303
8	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	Post the annual USTCA public record which will include: the number, sources, and causes of underground storage tank releases; the record of compliance by USTs; and data on the number of UST equipment failures in State.	Post the annual USTCA public record which will include: the number, sources, and causes of underground storage tank releases; the record of compliance by USTs; and data on the number of UST equipment failures in State.		TD 8-23-19	BD 9/6/19	Thomas DeNormandie 617-292-5763	Senior Program Manager: Ginny Lombardo -1754, Tech: Joan Coyle - 1303
				<i>Emergency Preparedness</i>	<i>Emergency Preparedness</i>				Paul Locke 617 556-1160	Senior Program Manager: Carol Tucker -1221
9	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination		Same	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.	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.		PL 8/26/19	CT 9/10/19	Paul Locke 617 556-1160	Managers: Bill Lovely - 1240 , Ted Bazenas- 1230

				RCRA Training & Meetings	RCRA Training & Meetings					Greg Cooper 292-5988	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
10	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Attend EPA sponsored regional and national RCRA meetings and training as appropriate.	Attend EPA sponsored regional and national RCRA meetings and training as appropriate.		RB 8/23/2019	BD 9/6/19	Richard Blanchet 654-6585	Senior Program Manager: Ginny Lombardo -1754, Tech: Sharon Leitch -1647		
				Corrective Action Sites	Corrective Action Sites					Paul Locke 556-1160	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
11	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Achieve Human Exposures Controlled Under Current Conditions at two (2) facilities. (CA1).	Achieve Human Exposures Controlled Under Current Conditions at two (2) facilities. (CA1).		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg -1283 Tech: Frank Battaglia -1362		
12	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Revised	Achieve Contaminated Ground Water Migration Under Control at two (2) facilities. (CA2).	Achieve Contaminated Ground Water Migration Under Control at two (2) facilities. (CA2).		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
13	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Achieve site-wide Remedy Selection at six (6) facilities.	Achieve site-wide Remedy Selection at six (6) facilities.		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
14	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Achieve Construction Complete at six (6) facilities. (CA5).	Achieve Construction Complete at six (6) facilities. (CA5).		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
15	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Revised	Achieve Sitewide Ready For Anticipated Use (RAU) at two (2) facilities.	Achieve Sitewide Ready For Anticipated Use (RAU) at two (2) facilities.		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
16	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Achieve performance standards attained or corrective action process terminated at two (2) facility (CA6)	Achieve performance standards attained or corrective action process terminated at two (2) facility (CA6)		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
17	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Financial Assurance - verify adequacy/assess current status for sites where FA is required - Ensure RCRA info FA data is up-to-date and complete (incl. checking the FA audit report)	Financial Assurance - verify adequacy/assess current status for sites where FA is required - Ensure RCRA info FA data is up-to-date and complete (incl. checking the FA audit report)		RK 8/20/19	DBW 9/9/19	Rosemary Knox 617-556-1026	Manager: Daniel Wainberg - 1283 Tech: Frank Battaglia - 1362		
				LUST	LUST					David Buckley 617-556-1184	Senior Program Manager: Was Beth Deabay - 1343; Now Ginny Lombardo - 1754
				Not PPG eligible - funds are in separate LUST Trust Cooperative Agreement.	Not PPG eligible - funds are in separate LUST Trust Cooperative Agreement.						
18	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Revised	Contribute to the national target for annual cleanups completed of releases from leaking underground storage tanks (LUSTs) (National target increased to 11,200). Specific number of LUST cleanups completed for Massachusetts in FY20 will be negotiated separately. State will continue to collaborate with EPA on opportunities for additional LUST cleanups complete. (ACS Code: 112 /1.3).	Contribute to the national target for annual cleanups completed of releases from leaking underground storage tanks (LUSTs) (National target increased to 11,200). Specific number of LUST cleanups completed for Massachusetts in FY21 will be negotiated separately. State will continue to collaborate with EPA on opportunities for additional LUST cleanups complete. (ACS Code: 112 /1.3).		DB 8/20/19	BD 9/6/19	David Buckley 617-556-1184	Senior Program Manager: Ginny Lombardo -1754 Tech: Joan Coyle - 1303		
				BROWNFIELDS 128A GRANT							Senior Program Manager: Ginny Lombardo -1754
19	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Update tracking system and website (Excel, paper files, etc.) with estimated or known Brownfields.	Update tracking system and website (Excel, paper files, etc.) with estimated or known Brownfields.	This is a one year grant FY21 P&Cs will be negotiated at a later date	DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248		
20	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	On a monthly basis update the current MassDEP Brownfield database to track agency Brownfields assistance and redevelopment outcomes for sites. This database was established in 2006, and tracks sites where MassDEP has provided assistance since that time. As part of the database, track percentage of sites located in state-designated Environmental Justice Communities.	On a monthly basis update the current MassDEP Brownfield database to track agency Brownfields assistance and redevelopment outcomes for sites. This database was established in 2006, and tracks sites where MassDEP has provided assistance since that time. As part of the database, track percentage of sites located in state-designated Environmental Justice Communities.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248		
21	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Work through MassDEP regional offices to gather information from EPA, regional planning agencies and municipalities that have completed local Brownfields inventories.	Work through MassDEP regional offices to gather information from EPA, regional planning agencies and municipalities that have completed local Brownfields inventories.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248		

22	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Conduct outreach through presentations at workshops, conferences and other forums to inform the regulated community about Brownfield's program incentives and clean energy opportunities.	Conduct outreach through presentations at workshops, conferences and other forums to inform the regulated community about Brownfield's program incentives and clean energy opportunities.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
23	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Maintain and improve public access to electronically filed submittals via our internet website. This will facilitate access to site files by public and local officials without requiring them to visit MassDEP regional offices to conduct formal file reviews.	Maintain and improve public access to electronically filed submittals via our internet website. This will facilitate access to site files by public and local officials without requiring them to visit MassDEP regional offices to conduct formal file reviews.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
24	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Revise forms and make functional enhancements to the eDEP Project including the ability to better manage chemical and regulated entity information in coordination with MassDEP EIPAS project.	Revise forms and make functional enhancements to the eDEP Project including the ability to better manage chemical and regulated entity information in coordination with MassDEP EIPAS project.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
25	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Conduct analysis to identify trends and issues in PRP compliance, including review LSP performance records and evaluate for referral to LSP Board for enforcement/ disciplinary actions. This includes preparation of referral packages.	Conduct analysis to identify trends and issues in PRP compliance, including review LSP performance records and evaluate for referral to LSP Board for enforcement/ disciplinary actions. This includes preparation of referral packages.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
26	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Continue to address the "non-responder" universe of sites to compel parties to move forward and assess/remediate contaminated Brownfields and other sites.	Continue to address the "non-responder" universe of sites to compel parties to move forward and assess/remediate contaminated Brownfields and other sites.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
27	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Continue regulatory training program for LSPs, MassDEP staff and other stakeholders on a new and existing program requirements. LSP training has proven to be very important in improving the compliance of the work conducted by LSPs.	Continue regulatory training program for LSPs, MassDEP staff and other stakeholders on a new and existing program requirements. LSP training has proven to be very important in improving the compliance of the work conducted by LSPs.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
28	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Continue implementation of mapping tools, including GIS data layers to identify and track institutional controls. This information is available to the public and will enhance the long-term viability and enforceability of Activity and Use Limitations (AULs) placed on properties as part of the cleanup process into the future. Mapped AUL locations can be directly linked to site information from the Department's databases to provide the current status of the site.	Continue implementation of mapping tools, including GIS data layers to identify and track institutional controls. This information is available to the public and will enhance the long-term viability and enforceability of Activity and Use Limitations (AULs) placed on properties as part of the cleanup process into the future. Mapped AUL locations can be directly linked to site information from the Department's databases to provide the current status of the site.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
29	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Maintain various internal MassDEP databases and continue to input new information on weekly basis.	Maintain various internal MassDEP databases and continue to input new information on weekly basis.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
30	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Continue to provide technical and regulatory support on Brownfields projects and coordination with other agencies, as needed on a project-specific basis.	Continue to provide technical and regulatory support on Brownfields projects and coordination with other agencies, as needed on a project-specific basis.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
31	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Continue to address the "non-responder" universe of sites to compel parties to move forward and assess/remediate contaminated Brownfields and other sites.	Continue to address the "non-responder" universe of sites to compel parties to move forward and assess/remediate contaminated Brownfields and other sites.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
32	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Report to EPA measures associated with Program Activity Levels. Measures to be reported include site inventory established/updated, policy documents finalized and list of Brownfield sites.	Report to EPA measures associated with Program Activity Levels. Measures to be reported include site inventory established/updated, policy documents finalized and list of Brownfield sites.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
33	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	Update ACRES database as needed.	Update ACRES database as needed.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
34	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	MassDEP will participate in interstate coordination organized by NEWMOA and EPA. Focus will include addressing common institutional control and brownfields related issues.	MassDEP will participate in interstate coordination organized by NEWMOA and EPA. Focus will include addressing common institutional control and brownfields related issues.		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248
35	Goal 1: A Cleaner, Healthier Environment Objective 1.3: Revitalize Land & Prevent Contamination	Same	MassDEP coordinate to implement training organized by NEWMOA."	MassDEP coordinate to implement training organized by NEWMOA."		DB 8/26/19	GL 9/6/19	Diane Baxter 617-292-5697	Manager: Frank Gardner - 1278; Tech: Amy Jean McKeown -1248

No.	Strategic Link		New, Same, Revised	2020 PPA Priorities & Commitments List		2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617.292.XXXX	EPA Contacts 617.918.XXXX
								MassDEP	EPA		
				<i>Promote Pollution Prevention</i>							
1	Goal 1: A Cleaner, Healthier Environment Objective 1.4: Ensure Safety of Chemicals in Marketplace	Goal 2: More Effective Partnerships Objective 2.1: Enhance Shared Accountability	Same	As follow-up to the annual June State/EPA planning meeting, the State will participate in the annual Assistance and Pollution Prevention Forum, as resources permit. (The annual Assistance and Pollution Prevention Forum is sponsored by NEWMOA and Representatives from the Massachusetts Office of Technical Assistance and the Toxics Use Reduction Institute regularly attend the Annual Forum.)		As follow-up to the annual June State/EPA planning meeting, the State will participate in the annual Assistance and Pollution Prevention Forum, as resources permit. (The annual Assistance and Pollution Prevention Forum is sponsored by NEWMOA and Representatives from the Massachusetts Office of Technical Assistance and the Toxics Use Reduction Institute regularly attend the Annual Forum.)	New contact for this items should be Richard Blanchet (617) 654-6585	RB (by AL) 9/10/19	GL 9/16/19	Richard Blanchet (617) 654-6585	Manager- Ginny Lombardo - 1754
2	Goal 1: A Cleaner, Healthier Environment Objective 1.4: Ensure Safety of Chemicals in Marketplace	Goal 2: More Effective Partnerships Objective 2.1: Enhance Shared Accountability	Revised	Implement Memorandum of Agreement to provide technical and compliance assistance to Massachusetts municipalities to support MS4 permit compliance and the implementation of proper stormwater management practices in Massachusetts. In particular, the agencies will be issuing a joint newsletter that highlights issues of interest for Massachusetts municipalities, including available technical and compliance assistance being offered by the Agencies and others, upcoming MS4 permit compliance deadlines, and other issues of interest.		Implement Memorandum of Agreement to provide technical and compliance assistance to Massachusetts municipalities to support MS4 permit compliance and the implementation of proper stormwater management practices in Massachusetts. In particular, the agencies will be issuing a joint newsletter that highlights issues of interest for Massachusetts municipalities, including available technical and compliance assistance being offered by the Agencies and others, upcoming MS4 permit compliance deadlines, and other issues of interest.	EPA comment: Deleted reference to "quarterly" issues. MassDEP agrees with this change.	SK 8/9/19	KRS 10/29/19	Susannah King 617-556-1147	Manager- Kristl Rea Simoneau 8-1595

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						MassDEP	EPA		
1	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	Submit annual Compliance Plans containing descriptions of the state's, assistance and innovative programs, including projections for priority activities.	Submit annual Compliance Plans containing descriptions of the state's, assistance and innovative programs, including projections for priority activities.		Greg Cooper 8/23/19 and SF 8/15/2019	KRS 10/29/19	Greg Cooper 617-292-5988 & Susan Figelman 556-1032	Manager: Kristi Rea Simoneau 1595
2	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	Submit annual End of Year report on Compliance, assistance and innovation program accomplishments, activities and results.	Submit annual End of Year report on Compliance, assistance and innovation program accomplishments, activities and results.		Greg Cooper 8/23/19 and SF 8/15/2019	KRS 10/29/19	Greg Cooper & Susan Figelman 556-1032	Manager: Kristi Rea Simoneau 1595
3	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	Identify/address/resolve HPVs in accordance with EPA's Timely and Appropriate Enforcement Response to High Priority Violators (the HPV policy), August 2014. Inform the EPA Region 1 liaison in person, by phone, or by email within 45 days of identifying/addressing/ resolving an HPV.	Identify/address/resolve HPVs in accordance with EPA's Timely and Appropriate Enforcement Response to High Priority Violators (the HPV policy), August 2014. Inform the EPA Region 1 liaison in person, by phone, or by email within 45 days of identifying/addressing/ resolving an HPV.	MJOD (9/11/19) --add Identify/ address/resolve RCRA SNCs in accordance with EPA's Hazardous Waste Civil Enforcement Response Policy. Similar language was in prior years	LC9/4/2019	JSC 10/1/19	Laurel Carlson 348-4095	Senior Program Manager: James Chow 1394 Manager: Steve Rapp 1551
4	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	Enter/send information necessary to satisfy the inspection, testing, compliance monitoring, and enforcement minimum data requirements (MDRs) to EPA's national data systems of record, every 60 days, or as specified in program guidance. EPA Region 1 will enter data for MassDEP CWA Inspections providing the state sends copies of inspection reports on a monthly basis. MassDEP will strive to provide EPA with copies of CWA inspection reports on a monthly basis, and in turn EPA Region 1 will strive to enter data from MassDEP inspections in a timely manner. EPA Region 1 will also strive to provide MassDEP with tools that will expedite sharing of inspection reports (e.g., sharepoint site for file sharing and recommended spreadsheet format for sharing compliance/enforcement data). For a list of CAA required data elements, see http://www2.epa.gov/compliance/guidance-minimum-data-requirements-mdrs-caa-stationary-sources-compliance For a list of RCRA required data elements, see: https://www.epa.gov/compliance/guidance-rcrainfo-data-appendix-2003-enforcement-response-policy For a list of CWA required data elements, see: https://www.epa.gov/compliance/guidance-addendum-appendix-c-pcs-policy-statement-minimum-icis-npdes-data-elements	Enter/send information necessary to satisfy the inspection, testing, compliance monitoring, and enforcement minimum data requirements (MDRs) to EPA's national data systems of record, every 60 days, or as specified in program guidance. EPA Region 1 will enter data for MassDEP CWA Inspections providing the state sends copies of inspection reports on a monthly basis. MassDEP will strive to provide EPA with copies of CWA inspection reports on a monthly basis, and in turn EPA Region 1 will strive to enter data from MassDEP inspections in a timely manner. EPA Region 1 will also strive to provide MassDEP with tools that will expedite sharing of inspection reports (e.g., sharepoint site for file sharing and recommended spreadsheet format for sharing compliance/enforcement data). For a list of CAA required data elements, see http://www2.epa.gov/compliance/guidance-minimum-data-requirements-mdrs-caa-stationary-sources-compliance For a list of RCRA required data elements, see: https://www.epa.gov/compliance/guidance-rcrainfo-data-appendix-2003-enforcement-response-policy For a list of CWA required data elements, see: https://www.epa.gov/compliance/guidance-addendum-appendix-c-pcs-policy-statement-minimum-icis-npdes-data-elements		SK 8/9/19; LC9/4/2019	JSC 10/1/19	Laurel Carlson 348-4095 and Susannah King 617-556-1147 and Lealdon Langley (617)574-6882	Senior Program Manager: James Chow 1394 Manager: Steve Rapp 1551 Manager: Mary Jane O'Donnell 1371 Manager: Denny Dart 1850
5	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	By November 30, complete the prior federal fiscal year annual end-of-year reporting on CAA, CWA and RCRA inspections agreed to under compliance monitoring strategies (CMS). Include reporting on alternative CMS plans, where applicable. For NPDES under the CWA, it is only necessary to report, by November 30, the number of compliance inspections completed in the previous fiscal year.	By November 30, complete the prior federal fiscal year annual end-of-year reporting on CAA, CWA and RCRA inspections agreed to under compliance monitoring strategies (CMS). Include reporting on alternative CMS plans, where applicable. For NPDES under the CWA, it is only necessary to report, by November 30, the number of compliance inspections completed in the previous fiscal year.		SK 8/9/19; LC9/4/2019	JSC 10/1/19	Laurel Carlson 348-4095 and Susannah King 617-556-1147	Senior Program Manager: James Chow 1394 Manager: Steve Rapp 1551 Manager: Mary Jane O'Donnell 1371 Manager: Denny Dart 1850

6	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	<p>As soon as possible in the year, but no later than July 30, submit a draft Alternative Compliance Monitoring Strategy for the upcoming fiscal year. This is only required if the state is seeking flexibility under an alternative CMS plan.</p> <p>By September 30, submit final Compliance Monitoring Plans for CAA, RCRA and CWA for the upcoming federal fiscal year, containing descriptions of the state's compliance program including projections for inspections and other priority activities. See the most recent OECA National Program Manager's Guidance Addendum and the CAA, CWA and RCRA Compliance Monitoring Strategies. For NPDES, by September 30, submit just a list of the facilities where MassDEP intends to conduct compliance inspections and a planned number of compliance inspections for the upcoming year.</p> <p>https://www.epa.gov/compliance/compliance-monitoring-programs</p>	<p>As soon as possible in the year, but no later than July 30, submit a draft Alternative Compliance Monitoring Strategy for the upcoming fiscal year. This is only required if the state is seeking flexibility under an alternative CMS plan.</p> <p>By September 30, submit final Compliance Monitoring Plans for CAA, RCRA and CWA for the upcoming federal fiscal year, containing descriptions of the state's compliance program including projections for inspections and other priority activities. See the most recent OECA National Program Manager's Guidance Addendum and the CAA, CWA and RCRA Compliance Monitoring Strategies. For NPDES, by September 30, submit just a list of the facilities where MassDEP intends to conduct compliance inspections and a planned number of compliance inspections for the upcoming year.</p> <p>https://www.epa.gov/compliance/compliance-monitoring-programs</p>		SK 8/9/19, L2	JSC 10/1/19	Susannah King 617-556-1147 and Lealdon Langley (617) 574-6882	<p>Senior Program Manager: James Chow 1394</p> <p>Manager: Steve Rapp 1551</p> <p>Manager: Mary Jane O'Donnell 1371</p> <p>Manager: Denny Dart 1850</p>
7	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.1: Compliance with the Law	Same	<p>By September 30 of each year, report on progress in addressing any recommendations identified by the State Review Framework (SRF). https://www.epa.gov/compliance/state-review-framework-compliance-and-enforcement-performance. For NPDES, by September 30 of each year, report only on MassDEP's progress in assisting EPA to address any recommendations identified by the SRF for which EPA has requested MassDEP assistance.</p>	<p>By September 30 of each year, report on progress in addressing any recommendations identified by the State Review Framework (SRF). https://www.epa.gov/compliance/state-review-framework-compliance-and-enforcement-performance. For NPDES, by September 30 of each year, report only on MassDEP's progress in assisting EPA to address any recommendations identified by the SRF for which EPA has requested MassDEP assistance.</p>	Note: Geri Lambert retired during state FY 2019	SK 8/9/19, L2, GC 8-23-19,	JSC 10/1/19	Greg Cooper 617-292-5988 and Susannah King 617-556-1147 and Lealdon Langley (617) 574-6882	<p>Senior Program Manager: James Chow 1394</p> <p>Manager: Steve Rapp 1551</p> <p>Manager: Mary Jane O'Donnell 1371</p> <p>Manager: Denny Dart 1850</p>

No.	Strategic Link		New, Same, Revised	2020 PPA Priorities & Commitments List	2021 PPA Priorities & Commitments List	2020/2021 Negotiation Comments	Approval: Initials, Date		MassDEP Contacts 617.292.XXXX	EPA Contacts 617.918.XXXX
							MassDEP	EPA		
				<i>Re-Opener Clause</i>	<i>Re-Opener Clause</i>				Ann Lowery 292-5846	Senior Program Manager: Sandy Brownell - 1797
1	Goal 2: More Effective Partnerships Objective 2.1: Enhance Shared Accountability	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.2: Create Consistency and Certainty	Same	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.	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.		AL 9/4/19	SB 10/24/19	Ann Lowery 292-5846	Manager: Sandra Brownell -1797; Staff: Karen McCarthy-1651
				<i>Performance Partnership</i>	<i>Performance Partnership</i>				Ann Lowery 292-5846	Senior Program Manager: Sandy Brownell - 1797
2	Goal 2: More Effective Partnerships Objective 2.1: Enhance Shared Accountability	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.2: Create Consistency and Certainty	Same	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).	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).		AL 9/4/19	SB 10/24/19	Ann Lowery 292-5846	Manager: Sandra Brownell -1797; Staff: Karen McCarthy-1651
3	Goal 2: More Effective Partnerships Objective 2.1: Enhance Shared Accountability	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.2: Create Consistency and Certainty	Same	An annual written progress report must be submitted within 90 days after the end of the annual grant period. (40CFR35.115, 40CFR31.40).	An annual written progress report must be submitted within 90 days after the end of the annual grant period. (40CFR35.115, 40CFR31.40).		AL 9/4/19	SB 10/24/19	Ann Lowery 292-5846	Manager: Sandra Brownell -1797; Staff: Karen McCarthy-1651
				<i>QMP QAPP</i>	<i>QMP QAPP</i>				Deneen Simpson 292-5906	Senior Program Manager: Robert Reinhart - 8633
4	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.3: Prioritize Robust Science		Same	Continue to implement the State Quality Management Plan (QMP) and submit an Annual update letter to the EPA-NE Quality Assurance Unit documenting the status of annual quality system assessments and any changes necessary to the QMP.	Continue to implement the State Quality Management Plan (QMP) and submit an Annual update letter to the EPA-NE Quality Assurance Unit documenting the status of annual quality system assessments and any changes necessary to the QMP.		DMS 8/8/19	RRR 10/16/19	Deneen Simpson 292-5906	Manager: Robert Reinhart - 8633 Tech: Bryan Hogan - 88634
5	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.3: Prioritize Robust Science		Same	Review the State QMP and summarize any changes made to the QMP in a letter to the EPA-NE Quality Assurance Unit.	Review the State QMP and summarize any changes made to the QMP in a letter to the EPA-NE Quality Assurance Unit.		DMS 8/8/19	RRR 10/16/19	Deneen Simpson 292-5906	Manager: Robert Reinhart - 8633 Tech: Bryan Hogan - 88634

6	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.3: Prioritize Robust Science		Same	Update the State Quality Assurance Quality Assurance Project Plan inventory list.	Update the State Quality Assurance Quality Assurance Project Plan inventory list.		DMS 8/8/19	RRR 10/16/19	Deneen Simpson 292-5906	Manager: Robert Reinhart - 8633 Tech: Bryan Hogan - 88634
				<i>Climate Adaptation</i>					Ann Lowery 292-5846	Senior Program Manager: Cynthia Greene -1813
7	Goal 3: Greater Certainty, Compliance, and Effectiveness Objective 3.3: Prioritize Robust Science		Revised	Participate in EPA and New England State quarterly calls on climate adaptation to share priority actions and implementation strategies.	Participate in EPA and New England State quarterly calls on climate adaptation to share priority actions and implementation strategies.		AL 9/5/19	CLG 9/5/19	Ann Lowery 292-5846	Manager: Cynthia Greene -1813, Tech: Emily Bolger 1815
				<i>Environmental Justice</i>	<i>Environmental Justice</i>				Deneen Simpson- 292-5906	Senior Program Manager: Jeff Norcross, 8-1839/Sharon Wells, 8-1007
8	Goal 2: More Effective Partnerships Objective 2.2: Increase Transparency & Public Participation		Same	MassDEP will continue to implement EJ policies and coordinate with EPA to identify (ongoing) and implement (new) activities that will advance environmental justice within state programs. MassDEP will continue to participate in the EJ state monthly and quarterly calls and coordinate with EPA Headquarters and Region 1 on appropriate projects. Mass DEP will continue to convene its EJ Team and will document EJ success stories and activities and share with the community as resources allow.	MassDEP will continue to implement EJ policies and coordinate with EPA to identify (ongoing) and implement (new) activities that will advance environmental justice within state programs. MassDEP will continue to participate in the EJ state monthly and quarterly calls and coordinate with EPA Headquarters and Region 1 on appropriate projects. Mass DEP will continue to convene its EJ Team and will document EJ success stories and activities and share with the community as resources allow.		DMS8/9/19	MJH, 8/23/19	Deneen Simpson- 292-5906	Managers: Jeff Norcross, 8-1839/Sharon Wells, 8-1007 Tech: Marcus Holmes, 8-1630

Attachment B: FY20-21 Projected Budget

Performance Partnership Program Budget – Preliminary Budget for Federal Fiscal Years 2020-2021

	<u>FEDERAL BUDGET</u> <u>FFY 2020-FFY2021</u>
PERSONNEL	\$ 12,070,360.00
FRINGE BENEFITS	4,552,332.00
TRAVEL	75,958.00
EQUIPMENT	362,058.00
SUPPLIES	235,870.00
CONTRACTUAL	192,000.00
CONSTRUCTION	0.00
OTHER	4,555,004.00
TOTAL DIRECT	\$22,043,582.00
INDIRECT CHARGES	7,072,444.00
TOTAL BUDGET	\$29,116,026.00

FFY2020-FFY2021 Preliminary Budget is projected at FFY 2019 final (doubled) funding level.

