

**PIE-Rivers Partnership  
Water Conservation Implementation Plan**

**Objective:** Implement enhanced water conservation strategies to increase the resiliency of the PIE-Rivers water resources.

**This implementation plan will support the following actions identified in the [PIE-Rivers Action Plan](#):**

**Action 31: Incentivize Water Conservation**

Reduce lawn watering and other non-essential water demand through a combined approach including use restrictions and billing incentives.

**Action 1: Water Conservation Outreach**

Continue and broaden regional outreach campaign, including water conservation website, highlighting the need for water conservation and promoting household and municipal water conservation measures. These measures could include, but not be limited to, water banks, use restrictions, billing incentives, and low impact landscaping. Increase capacity for municipalities to incorporate "water wise" practices (Levin, 2006).

**Action 27: Provide Stewardship Tools**

Develop and assemble tools and online resources to help communities, businesses and residents make informed decisions related to water use and watershed stewardship. This should include distilling science-based information about the PIE-Rivers region, guides to preferred best management practices (like the Water-Wise Communities Handbook), etc.

## 2021 PIE-Rivers Partnership Water Conservation Implementation Plan

### Timeline, activities, & tasks:

Timeline	Lead Partner	Supporting Partners	2021	2022 Jan-April	2022 May-August	2022 Sept- Dec
<b>Activity 1: Provide Technical Assistance to municipal water departments to enhance water conservation programs</b>						
Task 1: Review MA DEP Healthy Lawn Happy Summer tool and develop strategies to implement across PIE-Rivers region	PIE-Rivers Water Conservation Working Group					
Task 2: Work with Greenscapes North Shore Coalition to expand/enhance the GS water conservation program for GS communities, including dissemination of the new Greenscapes Guide & LID viewer	Water Conservation Working Group; Greenscapes North Shore Coalition					
Task 3: Support Greenscapes Coalition efforts to engage <u>all</u> PIE-Rivers communities in Greenscapes water conservation program	Water Conservation Working Group; Greenscapes North Shore Coalition					
Task 4: Explore role of PIE-Rivers/Greenscapes in expanding regional water efficiency & conservation programs (e.g. rebate programs, water bank)	Water Conservation Working Group					
<b>Activity 2: Complete Water Neutral Growth ("Net Zero") project for region ( funded by MAPC Resiliency Grant)</b>						
Task 1: Incorporate newly developed water conservation tools onto PIE-Rivers website and keep updated	Steering Committee					
Task 2: coordinate with EEA water conservation clearinghouse to inform and develop consistency with PIE-Rivers effort						
Task 3: Plan program to disseminate all new tools into PIE-Rivers communities	Water Conservation working group	Town Reps				
Task 4: Plan and execute conferences, workshops and other regional programs to better share tools	PIE-Rivers Steering Committee	Town Reps				

## 2021 PIE-Rivers Partnership Water Conservation Implementation Plan

### Timeline, activities, & tasks:

Timeline	Lead Partner	Supporting Partners	2020	2021 Jan-April	2021 May-August	2021 Sept- Dec
<b>Activity 3: Build PIE-Rivers Water Conservation Best Practices Clearinghouse and Toolkits</b>						
Task 2: coordinate with EEA water conservation clearinghouse to inform and develop consistency with PIE-Rivers effort						
Task 3: Plan program to disseminate all new tools into PIE-Rivers communities	Water Conservation working group	Town Reps				
Task 4: Plan and execute conferences, workshops and other regional programs to better share tools	PIE-Rivers Steering Committee	Town Reps				
<b>Activity 4: Work with PIE-Rivers communities to review, update, and implement stronger water conservation bylaws, including well bylaws, water neutral growth ordinances, water bank etc</b>	Water Conservation working group; Land Use working group	Town Reps				
<b>Activity 5: Provide Town-Specific Water Data on PIE-Rivers website</b>						
Task 1: Update town-specific water usage data for PIE-Rivers towns (supply source, annual gallons per day, residential gallons per day, average usage over 5-20 years, average usage summer vs winter, etc.)	IRWA with municipal staff	Water Conservation working group				
Task 2: Present information gathered on PIE-Rivers website, including water conservation successes	IRWA with municipal staff	Water Conservation working group				
<b>Activity 5: Participate in/support regional water conservation, resiliency &amp; drought initiatives</b>						
Task 1: Support regional resiliency initiatives such as Senator Tarr's Drought Task Force	Water Conservation working group	Steering Committee				
Task 2: Enhance and maintain regional outreach on PIE-Rivers water conservation goals & projects	Water Conservation working group	Town Reps				
Task 3: Assist municipalities w/ technical support on resiliency efforts	Water Conservation working group	Town Reps				
Task 4: Seek funding for Partnership support of tasks & activities	Water Conservation working group	Steering Committee				
Task 5: Develop metrics and track progress of activities, tasks & goals	Water Conservation working group,/ SC					