

## RRWA

### 5 Year Water Quality Monitoring Plan

*Includes water quality training and monitoring, education and public outreach, steps to move toward the creation of TMDLs, and recommendations for actions to improve water quality in the Rahway River watershed*

2018

Create RRWA Stream Team for water quality monitoring  
Spring and fall VA training  
Spring and fall VA monitoring  
Create GIS account and start inputting data  
Create format for annual RRWA Water Quality Report Card  
Meet with Kim Cenno from NJDEP  
Secure grant funding for plan

2019

Develop Macroinvertebrate QAPP  
Expand Stream Team  
Winter (after snowstorms) – Monitor for specific conductance\*  
Early to Mid May –VA training  
Mid May to end of June –VA monitoring  
Mid September – Macroinvertebrate training  
Mid September to end of October– Macroinvertebrate monitoring  
Meet with Kim Cenno NJDEP  
Secure grant funding for plan  
Complete Water Quality Report Card  
Complete PowerPoint presentation

2020

Develop chemical QAPP  
Develop bacterial QAPP  
Expand Stream Team  
Winter (after snowstorms) – Monitor for specific conductance\*  
Early to Mid May – VA training  
Mid May to end of June –VA monitoring  
Summer – chemical and bacterial monitoring  
Mid September – Macroinvertebrate training  
Mid September to end of October – Macroinvertebrate monitoring  
Meet with Kim Cenno NJDEP

Present findings at conferences and public meetings  
Secure grant funding for plan  
Complete Water Quality Report Card

2021

Expand Stream Team  
Winter (after snowstorms) – Monitor for specific conductance\*  
Early to Mid May –VA training  
Mid May to end of June–VA monitoring  
Summer – chemical and bacterial monitoring  
Mid September – Macroinvertebrate training  
Mid September to end of October – Macroinvertebrate monitoring  
Meet with Kim Cenno NJDEP  
Present findings at conferences and public meetings  
Secure grant funding for plan  
Complete Water Quality Report Card

2022

Expand Stream Team  
Winter (after snowstorms) – Monitor for specific conductance\*  
Early to Mid May – VA training  
Mid May to end of June –VA monitoring  
Summer – chemical and bacterial monitoring  
Mid September – Macroinvertebrate training  
Mid September to end of October– Macroinvertebrate monitoring  
Meet with Kim Cenno NJDEP  
Present findings at conferences and public meetings  
Secure grant funding for plan  
Complete Water Quality Report Card

\* One approach could be to use the information gathered by specific conductance monitoring to pinpoint areas to do more targeted salt level monitoring.