

Susquehanna River Basin Commission

Water Resources Program Fiscal Years 2017-2018

Input Form

The annual Water Resources Program (WRP) is the mechanism for implementing “Actions Needed” listed in SRBC's 2013 Comprehensive Plan under the six Priority Management Areas. Many of the activities listed in the WRP are performed in partnership with agencies and organizations. For those actions listed that your agency or organization is involved or interested in, please follow the instructions below to incorporate projects and/or facilities planned to be undertaken from July 1, 2016 through June 30, 2018.

Steps for Providing Input:

1) First, view "Agency Input Directory" tab to reference which Priority Management Area(s) your agency has commented on for last year's FY 2016-2017 WRP

2) View "Point of Contact" (column C) to identify staff member(s) from your agency who have submitted WRP input via email or hard copy to the Commission in FY 2015

Steps 1 and 2 (above) are intended to focus commenting efforts for external agencies as initial guidance. Although these items are provided, please consider reviewing and providing input on additional Priority Management Areas, not identified for your agency in the Agency Input Directory tab.

3) View "SRBC Input Example" tab to examine input fields (columns D through K) and suggested content and format preferred by the Commission.

4) Beginning with Priority Management Area A: Sustainable Water Development tab, refer to the Goal description in column B and the corresponding Action Needed in column C. If your agency or organization proposes to undertake a project or facility that satisfies an Action Needed identified by the Commission, please fill in columns D through K accordingly.

5) Following step 4, please submit input for additional PMA's (tabs) as your Agency sees fit.

6) Please provide concise input for the "Purpose Statement or Goal" (column G) consisting of no more than two sentences or statements.

For further reference, the current FY 16-17 WRP can be accessed at

<http://www.srbc.net/planning/water-resources-program.htm>

Moving forward, a Microsoft Excel based format of the WRP input form and completed FY 2017-2018 WRP will replace previous Microsoft Word formatted documents for SRBC data processing purposes and improved functionality for external agencies.

FY 2016 and 2017 Water Resources Program Comment Directory used for FY 2017 and 2018 External Input
Jurisdiction

| | | Priority Management Area | | | | | | F: Coordination Cooperation and Public Information |
|--------------|---|--|-------------------------|------------------|-------------|---------------|-------------------|---|
| | Agency | FY 16-17 WRP Point of Contact | A: Sustainable Water Re | B: Water Quality | C: Flooding | D: Ecosystems | E: Chesapeake Bay | |
| Federal | Federal Highway Administration, Pennsylvania Division | Jon Crum | | | | | | |
| | Federal Emergency Management Agency, Region III | Nikki L. Roberts | X | | X | | | |
| | National Oceanic and Atmospheric Administration, National Weather Service | George McKillop | | | X | | | X |
| | United States Department of Interior, National Park Service | David A. Lange | X | X | | | | X |
| | United States Army Corps of Engineers | Heather Cisar | X | | | | | |
| | United States Environmental Protection Agency, Region 2 | Richard P. Balla | | | | | | |
| | United States Environmental Protection Agency, Region 3 | Michael D. Hoffmann | X | X | X | X | X | X |
| | United States Fish and Wildlife Service | Sheila Eyster | X | X | X | X | X | X |
| | United States Nuclear Regulatory Commission | Allison M. Macfarlane | | | | | | X |
| | United States Department of Agriculture, Forest Service, Northeastern Area State and Private Forestry | Nancy Martin, Robert Lueckel, Judi Henry | X | X | X | X | | |
| | United States Department of Agriculture, Natural Resources Conservation Service | John Metrick | X | X | X | | X | |
| | United States Geologic Survey, New York, Pennsylvania, and Maryland/Delaware/DC Water Science Centers | Curtis Schreffler | X | X | X | X | X | X |
| | United States Department of Housing and Urban Development | Jane C. W. Vincent | | | | | | |
| | Federal Energy Regulatory Commission | Gerald Cross | | | | | | |
| New York | Cortland County Health Department | Michael J. Ryan | X | X | | | | X |
| | Delaware County Planning Department | Tyson Robb | X | X | X | X | | X |
| | New York State Department of Environmental Conservation, Division of Lands and Forests | Robert Davies | | | | | | |
| | New York State Department of Environmental Conservation, Division of Mineral Resources | Kathy Sanford | X | | | | | |
| | New York State Department of Environmental Conservation, Division of Water | Mark Klotz, Michael Holt | X | X | X | | X | X |
| Pennsylvania | Cambria County Conservation District | Robb Piper | | X | | | | |
| | Cumberland County Planning Department | Jeff Kelly | X | X | X | X | X | X |
| | Pennsylvania Department of Environmental Protection, Bureau of Conservation and Restoration | Rhonda L. Manning | X | | | X | X | |
| | Pennsylvania Department of Environmental Protection, Bureau of Mining Programs | Geoffrey Lincoln | | | | X | | |
| | Pennsylvania Department of Environmental Protection, Bureau of Safe Drinking Water | Susan K. Weaver | X | X | X | | | X |
| | Pennsylvania Department of Environmental Protection, Bureau of Waterways Engineering and Wetlands | Jeffrey Means | | | X | | X | |
| | Pennsylvania Department of Environmental Protection, Point & Non-Point Source Management | Gary Walters | | X | X | | | |
| | Pennsylvania Department of Conservation & Natural Resources, Bureau of Forestry | Daniel Devlin | X | X | | X | X | |
| | Pennsylvania Department of Conservation & Natural Resources, Bureau of Recreation and Conservation | Annie Macky | X | X | | X | | X |
| | Pennsylvania Department of Conservation & Natural Resources, Bureau of State Parks | David Kemmerer | X | X | X | X | X | X |
| | Pennsylvania Fish and Boat Commission | Mark A. Hartle | X | X | | X | X | |
| | Snyder County Emergency Services | Derick L. Shambach | | | X | | | |
| | York County Conservation District | Gary R. Peacock | X | X | X | X | X | |
| | York County Planning Commission | John H. Seitz | X | X | | | | |
| Maryland | Maryland Department of Natural Resources | Sherm Garrison | | X | X | X | X | |
| | Maryland Department of the Environment, Mining Program | Ed Larrimore | | | | | | |
| | Maryland Department of the Environment, Water Supply Program | Lyn Poorman | X | X | X | | | |
| | Hartford County Department of Planning and Zoning | Matt Kropp | | | X | | | |

FY 2016 and 2017 Water Resources Program Comment Directory used for FY 2017 and 2018 External Input

| Department | Priority Management Area | | | | | |
|------------------------------------|--------------------------------|------------------|-------------|---------------|-------------------|--|
| | A: Sustainable Water Resources | B: Water Quality | C: Flooding | D: Ecosystems | E: Chesapeake Bay | F: Coordination Cooperation and Public |
| Planning and Operations | X | | X | | | X |
| Monitoring and Protection | X | X | | X | X | |
| Project Review | X | | | | | |
| Policy Implementation and Outreach | | | | | | X |
| Compliance | X | | | | | |
| Legal | X | | | | | X |
| IT/Web Team | | | | | | X |

SRBC FISCAL YEAR 2017-2018 WATER RES

| Priority Management Area | Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency |
|---|----------------------|---|--|---------------|
| A - Sustainable Water Development | Goal A | Support and encourage the sustainable use of water for domestic, industrial, municipal, commercial, agricultural, and recreational activities in the basin. | 2. Determine water availability through water budget assessments (analysis of demand increases and expected base flow levels) to establish local sustainable limits for water use development. | SRBC |
| B - Water Quality | Goal D | Protect the quality of the basin's biological resources and sources of public drinking water supply. | 1. Provide educational materials regarding the spread of aquatic invasive species in the basin and downstream to the Chesapeake Bay. | SRBC |
| C - Flooding | Goal C | Improve community flood preparedness to ensure adequate and appropriate response by emergency managers before, during, and after a flood event. | 1. Conduct post-flood assessments to identify information needs, educational opportunities, lapses in forecast coverage, and other measures that can assist communities in reducing flood damages. | SRBC |
| D - Ecosystems | Goal C | Restore populations of migratory fish throughout the Susquehanna River system. | 4. Require viable upstream and downstream migratory fish passage as part of relicensing activities for power dams on the lower Susquehanna River. | SRBC |
| E - Chesapeake Bay | Goal C | Support the Chesapeake Bay restoration effort, including sediment and nutrient reduction strategies developed by each of the Commission's member states. | 1. Perform trend analyses for additional sediment and nutrient monitoring sites as sufficient data are accumulated. | SRBC |
| F - Coordination, Cooperation, and Public Information | Goal B | Execute, review, and update memoranda of understanding (MOUs) with member jurisdictions to coordinate regulatory or other programs that overlap. | 2. Develop cooperative agreements and/or MOUs with New York and Maryland that will govern the review and application of water withdrawal regulations in those portions of the basin. | SRBC |

SOURCES PROGRAM INPUT FORM - PRIORITY MANAGEMENT AREA A: SUSTAINABLE WATER DEVELOPMENT

| Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement or Goal (short description) | Spatial Scale (County, State if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) |
|----------------------------------|---|---|--|--|---|
| Planning and Operations | Cumulative Water Use and Availability Study | Establish sustainable limits for water availability for basin watersheds. | SRB | 2015 | http://www.srb.net/planning/cwuas.htm |
| Monitoring and Protection | Didymo in Pine Creek: Environmental Factors controlling distributions and plans for future research | Assess and report on the outbreak and controlling factors of Didymo in the Pine Creek watershed. | Lycoming, Tioga, and Potter Counties, PA | 2016 - 2016 | NA |
| Planning and Operations | Hazard Mitigation Grant Program grant award: StageCam and Fulcrum Applications | In coordination with Huntingdon and Dauphin County Emergency Management Agencies, install gage cameras for flood monitoring and develop a smartphone application to assist with flood preparedness | Huntingdon and Dauphin Counties, PA | 2015-2016 | http://www.srb.net/programs/floodinfo.htm |
| Project Review / Legal | Operation Approval for PPL Hotlwood | Enforce applicable conditions of SRBC's approval for the PPL Hotlwood project during redevelopment and operation. | Lancaster, PA | 2015-2016 | NA |
| Monitoring and Protection | Sediment and Nutrients Assessment Program | To measure and assess the actual nutrient and sediment concentration and load reductions in the tributary strategy basins across the watershed; to improve calibration and verification of the partners' watershed models; and to help assess the factors affecting nutrient and sediment distributions and trends. | SRB | 2015-2016 | http://www.srb.net/programs/CBP/nutrientprogram.htm |
| Legal | Execute MOU with New York | Convene technical sessions with the New York State Department of Environmental Conservation to familiarize staff with respective jurisdictional programs, key personnel, and procedures to facilitate communication and obtain consensus on issues and conditions prior to Commission action on withdrawal projects in the New York portion of the basin. | SRB | 2015 | NA |

| SRBC FISCAL YEAR 2017-2018 WATER RESOURCES PROGRAM INPUT FORM - PRIORITIY MANAGEMENT AREA A: SUSTAINABLE WATER DEVELOPMENT | | | | | | | | | | |
|---|---|--|--------|---------------------------|---|---|---|---------------------------------|------------------------------|--|
| Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency | Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement or Goal (short description) | Spatial Scale (County, State if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) | |
| Goal A | Support and encourage the sustainable use of water for domestic, industrial, municipal, commercial, agricultural, and recreational activities in the basin. | 1. Complete a Cumulative Water Use and Availability Study to comprehensively evaluate cumulative consumptive water use, determine water availability at varying spatial scales, consider establishment of locally sustainable limits for water use, and assess alternatives for avoiding, minimizing, or mitigating potential impacts to the water resources of the basin. | | | | | | | | |
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| | | 2. Determine water availability through water budget assessments (analysis of demand increases and expected base flow levels) to establish local sustainable limits for water use development. | | | | | | | | |
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| | | 3. Protect healthy ecosystems and instream flow needs, including recreation. | | | | | | | | |
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| | | 4. Identify additional Potentially Stressed Areas, address incidental distribution losses of water in approved projects, and implement the recommendations contained in the 2005 Groundwater Management Plan. | | | | | | | | |
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| 5. Assess potential impacts of increased water use and the potential to temper increases through conservation and water reuse, particularly in Potentially Stressed Areas, and otherwise manage water resources for sustainability. | | | | | | | | | | |
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| 6. Support efforts by member jurisdictions to safeguard groundwater recharge by preserving recharge contributing areas. | | | | | | | | | | |
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| Goal B | Maintain an equitable system for allocating water for various uses, including the protection of instream flows and receiving waters of the Chesapeake Bay. | 1. Evaluate Potentially Stressed Areas to determine if special protection status is warranted, for the purpose of preventing or addressing water shortages that would conflict with requirements of the Comprehensive Plan, and to allow sustainable development of water resources in the area. | | | | | | | | |
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| Goal C | Ensure sustainability of water sources by improving systems and managing water resources more efficiently. | 1. Review and adjust Commission-approved withdrawal rates, as needed and in accordance with existing regulations, to ensure sustainability and protection of water quality and to reflect demonstrated needs. | | | | | | | |
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| | | 2. Encourage and incentivize water conservation and recycling by water suppliers, industry, and the public through education and application of regulatory requirements. | | | | | | | |
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| Goal D | Mitigate drought impacts through coordination and use of drought emergency powers. | 1. Revise the Commission's Drought Coordination Plan in consultation with the Drought Coordinating Committee. | | | | | | | |
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| Goal E | Manage diversions to avoid impacts to the basin's water resources. | 1. Periodically review the criteria for review of out-of-basin diversions to ensure that adequately protective standards are in place. | | | | | | | |
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| | | 2. Monitor the ecosystem effects of diversions of water to and from the basin and transfers of water from one waterbody to another within the basin, including water quality requirements. | | | | | | | |
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| Goal F | Manage consumptive water use to mitigate impacts to the basin's water resources. | 1. Implement recommendations of the Commission's Consumptive Use Mitigation Plan. Key recommendations include, among others: a) the evaluation of existing U.S. Army Corps of Engineers and other reservoirs for the potential to enhance current release operations; b) the evaluation of the ability of abandoned mines and quarries to supply water for releases during droughts; and c) the assessment of specific needs for instream flows to meet riparian, water supply, water quality, habitat, and recreational uses. | | | | | | | |
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| | | 2. In the absence of adequate water for local mitigation, restrict new water use to avoid impacts to vulnerable watersheds. | | | | | | | |
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| | | 1. Reduce the backlog of unsatisfied post-approval conditions through increased staff efficiency and improved strategies. | | | | | | | |
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| Goal G | Maintain and enhance strong, visible and effective regulatory compliance measures. | | | | | | | | |
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| | | 2. Increase the presence of compliance staff throughout the basin. | | | | | | | |
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| | | 3. Establish better coordination with member jurisdictions. | | | | | | | |
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| | | OTHER KEY PROJECTS AND/OR PROGRAMS THAT SUPPORT THE DESIRED RESULTS OF THIS PRIORITY MANAGEMENT AREA BUT ARE NOT CAPTURED IN THE "ACTIONS NEEDED" THAT ARE LISTED ABOVE: | | | | | | | |
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| Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency | Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement | Spatial Scale (Lat-Long if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) |
|---------------|--|--|--------|---------------------------|---|-------------------|--|---------------------------------|------------------------------|
| Goal A | Support and coordinate the efforts of the Commission's member jurisdictions in managing the basin's water quality. | 1. Complete comparative study of water quality data collection methods with member jurisdictions to enable direct comparison/use of datasets regardless of the jurisdiction within which the data were collected. | | | | | | | |
| Goal B | Monitor and assess the biological, chemical, and physical quality of the basin's waters to support restoration and protection efforts. | 1. Enhance monitoring design for the Subbasin Survey Program to improve methods of assessing basin health. | | | | | | | |
| | | 2. Monitor and assess waters for bacteria, pharmaceuticals and personal care products, and other emerging contaminants of concern. | | | | | | | |
| | | 3. Monitor for zebra mussels and other invasive species. | | | | | | | |
| | | 4. Expand the number of continuous water quality stations, as well as add additional parameters, for enhanced protection of aquatic life and public water supplies in the basin. | | | | | | | |
| | | 5. In partnership with the member jurisdictions, establish several monitoring stations in the basin to track changes in climatic conditions. | | | | | | | |
| Goal C | Develop, support, and implement plans and projects to remediate and enhance the basin's water | 1. Encourage public and private support, maintenance, and upgrades of the infrastructure needed for drinking water withdrawal, treatment, and distribution; wastewater collection and treatment; on-lot septic treatment; stormwater management projects; combined sewer overflows; sanitary septic overflows; and other projects needed for the maintenance and improvement of water quality. | | | | | | | |
| | | 2. Seek water quality improvements to complement water quantity mitigation provided for water withdrawal and consumptive water use | | | | | | | |

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| | and enhance the basin's water quality. | mitigation provided for water withdrawal and consumptive water use projects. | | | | | | | |
| | | 3. Support county and municipality efforts to develop/implement regional stormwater management plans in the Lower Susquehanna Region. | | | | | | | |
| Goal D | Protect the quality of the basin's biological resources and sources of public drinking water supply. | 1. Provide educational materials regarding the spread of aquatic invasive species in the basin and downstream to the Chesapeake Bay. | | | | | | | |
| | | 2. Provide enhanced tracking of aquatic invasive species in the basin. | | | | | | | |
| | | 3. Expand monitoring for drinking water parameters of concern for the main stem of the Susquehanna River and major tributaries. | | | | | | | |
| | | 4. Establish a Susquehanna Source Water Partnership to work with public water suppliers and other stakeholders to protect drinking water supplies. | | | | | | | |
| | | OTHER KEY PROJECTS AND/OR PROGRAMS THAT SUPPORT THE DESIRED RESULTS OF THIS PRIORITY MANAGEMENT AREA BUT ARE NOT CAPTURED IN THE "ACTIONS NEEDED" THAT ARE LISTED ABOVE: | | | | | | | |
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| ASSESSMENT OF PROGRESS MADE IN FY 2015 TOWARD MEETING GOALS - PRIORITY MANAGEMENT AREA C: FLOODING | | | | | | | | | |
|--|---|---|--------|---------------------------|---|-------------------|--|---------------------------------|------------------------------|
| Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency | Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement | Spatial Scale (Lat-Long if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) |
| Goal A | Ensure continued operation, maintenance, and enhancement of the Susquehanna Flood Forecast and Warning System (SFFWS). Note: Funding for the SFFWS was not renewed for FY-2011 or since that time, which has resulted in decreased services. | 1. Evaluate new partnerships and technologies to support more sustainable long-term funding. | | | | | | | |
| | | 2. Develop, in cooperation with SFFWS partners, a high-resolution observational network. | | | | | | | |
| | | 3. Develop the infrastructure necessary to provide high-resolution flash flood forecasts. | | | | | | | |
| | | 4. Develop, in cooperation with SFFWS partners, new forecast points and flood forecast maps for priority damage locations. | | | | | | | |
| | | 5. Develop Commission capability to operate and maintain rain and stream gages to provide data of sufficient quality to support flood forecast and warning needs. | | | | | | | |
| | | 1. Assist in the evaluation of need and implementation of flood damage reduction alternatives for high-risk communities. | | | | | | | |
| | | 2. Assist local and county flood managers in planning efforts and assessments of floodplain reclamation projects. | | | | | | | |
| | | 3. Continue to participate in improved assessment and mapping of | | | | | | | |

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| Goal B | Promote protective floodplain management practices. | flood risks. | | | | | | | |
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| | | 4. Provide public education regarding flood risk management strategies, including the need for personal responsibility. | | | | | | | |
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| | | 5. Promote riparian and floodplain management practices that protect naturally beneficial floodplain functions. | | | | | | | |
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| | | 6. Provide technical assistance to local governments to implement proactive floodplain management programs that surpass minimum federal standards. | | | | | | | |
| Goal C | Improve community flood preparedness to ensure adequate and appropriate response by emergency managers before, during, and after a flood event. | 1. Conduct post-flood assessments to identify information needs, educational opportunities, lapses in forecast coverage, and other measures that can assist communities in reducing flood damages. | | | | | | | |
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| | | 2. Develop a flood inundation mapping program, including a training component, for communities in the basin. These maps delineate areas of flooding corresponding to various river stages, designate evacuation routes, locate major buildings for potential mass evacuation shelters, and list general flood response procedures. | | | | | | | |
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| | | 3. Advocate for and effectuate plans to maintain the baseline gage network necessary to provide flood forecast and warning to at risk communities. | | | | | | | |
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| | Assist the Commission's member | 1. During dam relicensing, advocate for the continued removal of material from behind power dams on the lower Susquehanna River. | | | | | | | |
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| ASSESSMENT OF PROGRESS MADE IN FY 2015 TOWARD MEETING GOALS - PRIORITY MANAGEMENT AREA D: ECOSYSTEMS | | | | | | | | | |
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| Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency | Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement | Spatial Scale (Lat-Long if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) |
| Goal A | Perform ecosystem monitoring and assessment to provide data needed for effective watershed management. | 1. Encourage the maintenance of critical stream gaging stations in the basin. | | | | | | | |
| | | 2. Perform additional instream flow studies to provide scientifically-based estimates of the amount of water needed for fish, wildlife, and recreational use. | | | | | | | |
| | | 3. Develop basinwide methods for assessing fish community health. | | | | | | | |
| | | 4. Assist member jurisdictions with monitoring efforts associated with assessing the health of smallmouth bass, as well as other high value species such as hellbenders. | | | | | | | |
| Goal B | Protect and restore biological resources throughout the basin and in each of the major subbasins. | 1. Consider the potential spread of invasive species when evaluating project review applications for diversions and transfers of untreated water from one waterbody to another. | | | | | | | |
| | | 2. Collect and disseminate information regarding the effects of emerging contaminants on the biological resources of the basin. | | | | | | | |
| | | 3. Provide information on the biological resources of the basin and promote fishing, boating, hunting, outdoor photography, eco-tourism, bird watching, and other water-based outdoor recreation through the Commission's website and appropriate links to other websites. | | | | | | | |
| | | 1. Work with the Susquehanna River Anadromous Fish Restoration Cooperative (SRAFRC), dam owners and operators, sportsmen groups, conservation organizations, and others to implement the Migratory Fish Management and Restoration Plan for the Susquehanna River Basin which was approved by the SRAFRC Policy Committee in November 2010, and adopted by the Commission in March 2011. | | | | | | | |

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| Goal C | Restore populations of migratory fish throughout the Susquehanna River system. | | | | | | | |
| | | 2. With assistance of SRAFRFC and others, support studies of eel migration and implement restoration plans to reestablish a fishable population of American eel in the Susquehanna River system and restore adult recruitment from the river to help rebuild spawning stocks for the east coast eel fishery. | | | | | | |
| | | 3. Support preservation and restoration of tributary streams that provide habitat for migratory fish, including the removal of obstacles to upstream movement and remediation of streams that are impaired by mine drainage. | | | | | | |
| | | 4. Require viable upstream and downstream migratory fish passage as part of relicensing activities for power dams on the lower Susquehanna River. | | | | | | |
| | | OTHER KEY PROJECTS AND/OR PROGRAMS THAT SUPPORT THE DESIRED RESULTS OF THIS PRIORITY MANAGEMENT AREA BUT ARE NOT CAPTURED IN THE "ACTIONS NEEDED" THAT ARE LISTED ABOVE: | | | | | | |

| ASSESSMENT OF PROGRESS MADE IN FY 2015 TOWARD MEETING GOALS - PRIORITY MANAGEMENT AREA E: CHESAPEAKE BAY | | | | | | | | | |
|--|---|--|--------|---------------------------|---|-------------------|--|---------------------------------|------------------------------|
| Goal (letter) | Goal (Description) | SRBC Comprehensive Plan (2013) - Actions Needed | Agency | Department(s) Represented | Implementation Action (Project or Facility) Title | Purpose Statement | Spatial Scale (Lat-Long if applicable) | Temporal Scale - Fiscal Year(s) | Website Link (if applicable) |
| Goal A | Identify the minimum freshwater inflows needed from the Susquehanna River to assist in restoring and maintaining the ecological health of the Chesapeake Bay, while also identifying opportunities for enhancement. | 1. Work with the U.S. Environmental Protection Agency's Chesapeake Bay Program, the U.S. Army Corps of Engineers, the State of Maryland, and others to support the process to determine flow regimes under which the ecological health of the Bay can be restored and sustained. | | | | | | | |
| | | 2. Continue working with agency/stakeholder partners to develop ecosystem flow needs and goals for the lower Susquehanna River and upper Chesapeake Bay as part of the Federal Energy Regulatory Commission relicensing of Conowingo Hydroelectric Station. | | | | | | | |
| | | 3. Plan any additional studies and modeling efforts that are needed and seek appropriate funding and implementation. | | | | | | | |
| Goal B | Develop and implement plans to address the flow requirements in Goal a. above. | 1. Assess the feasibility of providing recommended flow regimes to the Bay. | | | | | | | |
| | | 2. No specific programs or projects were identified for FY-2015 or FY-2016. | | | | | | | |
| | | 3. Continue working with agency/stakeholder partners to develop, negotiate and ultimately memorialize and implement a revised flow management plan for Conowingo Hydroelectric Station as part of FERC relicensing. | | | | | | | |
| Goal C | Support the Chesapeake Bay restoration effort, including sediment and nutrient reduction strategies developed by each of the Commission's member states. | 1. Perform trend analyses for additional sediment and nutrient monitoring sites as sufficient data are accumulated. | | | | | | | |
| | | 2. Coordinate, encourage and support implementation efforts to manage sediment within the basin, including legacy sediments from mill dams and sediment that has accumulated behind dams on the lower Susquehanna River. | | | | | | | |
| | | 3. Promote water quality infrastructure improvement for point sources in the Susquehanna River Basin to benefit local water quality improvement and the Bay restoration effort. | | | | | | | |
| | | OTHER KEY PROJECTS AND/OR PROGRAMS THAT SUPPORT THE DESIRED RESULTS OF THIS PRIORITY MANAGEMENT AREA BUT ARE NOT CAPTURED IN THE "ACTIONS NEEDED" THAT ARE LISTED ABOVE: | | | | | | | |

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| | <p>matters; options for consideration could include holding periodic topical meetings or public forums, forming a general advisory committee, and using the Commission's web site more effectively for direct public input. Implement options that enhance opportunities for public and stakeholder input.</p> | | | | | | | |
| | <p>3. Expand on existing relationships with non-governmental organizations to maximize the beneficial use of their resources and expertise in the management of the basin's water resources, and consider their input on ongoing and emerging issues and programmatic matters.</p> | | | | | | | |
| | <p>4. Identify opportunities to collaborate with academic institutions to maximize resources and scientific knowledge.</p> | | | | | | | |
| | <p>5. Provide opportunities for non-governmental organizations' involvement in Commission activities and, through coordination efforts, encourage communication on activities/issues of mutual interest including ongoing and emerging issues.</p> | | | | | | | |
| | <p>6. Coordinate with trade associations related to the various types of water use in the basin to promote sustainable water use in conjunction with economic development.</p> | | | | | | | |
| | <p>OTHER KEY PROJECTS AND/OR PROGRAMS THAT SUPPORT THE DESIRED RESULTS OF THIS PRIORITY MANAGEMENT AREA BUT ARE NOT CAPTURED IN THE "ACTIONS NEEDED" THAT ARE LISTED ABOVE:</p> | NRC | Project Review | <p>Bell Bend Nuclear Power Plant for Combined Liense Application , Susquehanna Steam Electric Station, Peach Atomic Station, and Three Mile Island Unit1</p> | <p>Currently, the NRC is reveiwing the combined license application for the Bell Bend Nuclear Power Plant submitted by Talen Energy. The three operating nuclear power plants located within Susquehanna River basin: Peach Bottom Atomic Station and Susquehanna Steam Electric Station have no other planned licensing activities that may affect surface water or ground water from the river. Three Mile Island (TMI) is ongoing groundwater level studies as request of the SRBC. The purpose of the studies is show that the pumping of TMT's production wells do not have a detrimental effect on other surrounding landowners or water use.</p> | <p>Luzerne County, PA Delta, PA Middletown, PA</p> | <p>2016-2017</p> | <p>http://www.nrc.gov/reactors/new-reactors.html http://www.nrc.gov/reactors/operating/licensing.html</p> |
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