

March 1, 2010

Progress Assessment on Meeting SRBC's Comprehensive Plan Goals

The following briefing material is provided:

1. Sample of significant 2009 actions related to meeting Comprehensive Plan goals (page 2);
2. Overview of 2009 Progress Assessment (page 3);
3. Table 1 – Summary of Progress Assessment (page 4); and
4. Tables 2 through 7 (pages 5 to 10) – Summary of Progress Assessment by Priority

Management Areas:

Table 2 – Water Supply

Table 3 – Water Quality

Table 4 – Flooding

Table 5 – Ecosystems

Table 6 – Chesapeake Bay

Table 7 – Coordination, Cooperation and Public Information

**SAMPLE OF SIGNIFICANT 2009 ACTIONS
RELATED TO MEETING COMPREHENSIVE PLAN GOALS**

Priority Management Area	Goal	Major Action in Comprehensive Plan	Implementation Action Taken in 2009
A. Water Supply	Goal a. Support and encourage the sustainable use of water for domestic, industrial, municipal, commercial, agricultural, and recreational activities in the basin.	Protect healthy ecosystems and instream flow needs, including recreation.	Expanded and enhanced the program for Aquatic Resource Surveys of proposed withdrawal sites.
B. Water Quality	Goal b. Monitor and assess the biological, chemical, and physical quality of the basin's waters to support restoration and protection efforts.	Expand Commission's Early Warning System for public water suppliers in the basin.	Initiated Remote Water Quality Monitoring Network as an outgrowth of Early Warning System.
C. Flooding	Goal c. Improve community flood preparedness to ensure adequate and appropriate response by emergency managers before, during and after a flood event.	Develop a flood inundation mapping program, including a training component, for communities in the basin.	Funding secured. Began program of digitization of existing flood inundation maps.
D. Ecosystems	Goal a. Perform ecosystem monitoring and assessment to provide data needed for effective watershed management.	Plan, implement, and maintain a program to monitor and assess impacts occurring during individual low flow events.	The Low Flow Monitoring Plan was approved by the commissioners and is being implemented.
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.	Promote the installation of best management practices for point and nonpoint sources, including stormwater, and water quality infrastructure improvement for point sources in the Susquehanna River Basin to benefit local water quality improvement and the Bay restoration effort.	Completed 4 TMDLs, continued work on 3 others, and initiated work on 10 more.
F. Coordination, Cooperation and Public Information	Goal d. Coordinate major interagency efforts such as flood forecasting and warning, drought emergency management, water conservation, and hydro power license renewal.	Organize a consortium of resource agencies with jurisdiction over water at the federal and state level to facilitate the coordination of input into federal licensing and relicensing of hydroelectric and nuclear power facilities in the basin, including new facilities and updates at existing facilities.	Extensive coordination completed, including technical discussions, sharing of data, and coordination of certain aspects of licensing. Took lead on assessing hydrologic investigations and minimum flow requirements. Took lead on coordinating Muddy Run and York Haven licensing efforts among partner resource agencies.

OVERVIEW OF 2009 PROGRESS ASSESSMENT ON MEETING GOALS SET IN
SRBC's 2008 COMPREHENSIVE PLAN FOR WATER RESOURCES

Progress Assessment Process: (from Part VII-C, page 116, of the Comp Plan)

“The true value of this Comprehensive Plan will be measured by the degree to which its goals are met through taking the identified actions and continuing the ongoing Commission activities. An annual assessment of progress on meeting goals will be made by the Commission using a procedure to be determined. It is anticipated that performance measures to include a listing of accomplishments in the preceding year will be part of the assessment process. A review of the current Water Resources Program will be useful in identifying actions planned or being taken toward meeting the goals. The results of the annual assessment will be reported to the commissioners.”

Priority Management Areas, Goals and Actions:

Priority Management Areas	Goals	SRBC's Major Actions Needed		SRBC's Implementation Actions Taken 1/	
		Comp Plan	2009 WRP	2009 WRP	Other Actions
1. Water Supply	6	13	6	10	7
2. Water Quality	5	15	9	28	9
3. Flooding	4	9	4	9	2
4. Ecosystems	3	10	6	11	4
5. Chesapeake Bay	4	10	2	8	3
6. Coord., Cooperation & Public Information	<u>8</u>	<u>17</u>	<u>13</u>	<u>24</u>	<u>7</u>
Totals	30	74	40	93	32

1/ WRP and other implementation actions items are more specific and vary in number from related, but broader Comp Plan and WRP major actions.

Water Resources Program: The annual water resources program (WRP) is the mechanism for implementing the “Actions Needed” included in the Comprehensive Plan under the six Priority Management Areas (PMAs) listed above. The management areas serve as the foundation by which SRBC, the federal, state and local agencies and the non-governmental organizations identified and cataloged their programs and projects within the March 2009 WRP to help meet the water resource needs in the Susquehanna River Basin.

Progress Assessment Ratings: The rating system was developed to assess SRBC's progress in meeting the 30 established goals. The Comprehensive Plan does not include actions for non-SRBC entities although their actions will contribute towards meeting the goals.

The rating system has two elements for each PMA:

1. Number and percent of major actions from the Comp Plan that were addressed; and
2. A progress rating for implementation actions taken using a scale of: 3 = action completed; 2 = substantial progress made; 1 = some progress made; and 0 = no progress made. If no actions were included in the WRP for a goal, the rating is shown as N/A.

Taken together, the data provide a measure of progress made in 2009 toward meeting the Comprehensive Plan goals.

The following tables present summary information on all PMAs (Table 1) and for each PMA in more detail (Tables 2-7).

TABLE 1
SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
COMPREHENSIVE PLAN GOALS

Priority Management Areas	Comp Plan Goals Addressed		Comp Plan Major Actions Addressed (by WRP and Other Implementation Actions)		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	Number	Percent	
Priority Management Area A – Water Supply	4 of 6	67	8 of 13	62	2.2
Priority Management Area B – Water Quality	4 of 5	67	12 of 15	80	2.4
Priority Management Area C – Flooding	3 of 4	75	6 of 9	67	1.8
Priority Management Area D – Ecosystems	3 of 3	100	8 of 10	80	2.1
Priority Management Area E – Chesapeake Bay	3 of 4	75	5 of 10	50	1.8
Priority Management Area F – Coordination, Cooperation and Public Information	7 of 8	88	14 of 17	82	2.5
Composite Summary	24 of 30	80	53 of 74	72	2.3

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.

N/A means no actions were planned in 2009 under certain goals.

TABLE 2

**SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
WATER SUPPLY GOALS**

Priority Management Area A – Water Supply	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
Goal a. Support and encourage the sustainable use of water for domestic, industrial, municipal, commercial, agricultural, and recreational activities in the basin.	4 of 5	80	2.1
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.	0 of 1	0	N/A
Goal c. Ensure sustainability of water sources by improving systems and managing water resources more efficiently.	1 of 2	50	2.0
Goal d. Mitigate drought impacts through coordination and use of drought emergency powers.	1 of 1	100	2.0
Goal e. Manage diversions to avoid impacts to the basin’s water resources.	0 of 2	0	N/A
Goal f. Manage consumptive water use to mitigate impacts to the basin’s water resources.	2 of 2	100	2.4
Composite Summary	8 of 13	62	2.2

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.

TABLE 3
SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
WATER QUALITY GOALS

Priority Management Area B – Water Quality	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
Goal a. Support and coordinate the efforts of the Commission’s member jurisdictions in managing the basin’s water quality.	N/A	N/A	N/A
Goal b. Monitor and assess the biological, chemical, and physical quality of the basin’s waters to support restoration and protection efforts.	2 of 3	67	2.6
Goal c. Develop, support, and implement plans and projects to remediate and enhance the basin’s water quality.	5 of 5	100	2.3
Goal d. Protect the quality of the basin’s biological resources and sources of public drinking water supply.	4 of 5	80	2.2
Goal e. Organize, maintain, and distribute water quality data to facilitate basinwide water quality improvement and protection activities.	1 of 2	50	3.0
Composite Summary	12 of 15	80	2.4

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.

TABLE 4

**SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
FLOODING GOALS**

Priority Management Area C – Flooding	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
Goal a. Implement the goals of the strategic plan for the Susquehanna Flood Forecast and Warning System (SFFWS).	3 of 4	75	1.6
Goal b. Promote protective floodplain management practices.	1 of 2	50	1.0
Goal c. Improve community flood preparedness to ensure adequate and appropriate response by emergency managers before, during and after a flood event.	2 of 2	100	2.2
Goal d. Assist the Commission's member jurisdictions, as appropriate, in reducing the introduction of man-made debris into the waters of the Susquehanna River Basin and, ultimately, Chesapeake Bay.	0 of 1	0	N/A
Composite Summary	6 of 9	67	1.8

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.

TABLE 5

**SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
ECOSYSTEMS GOALS**

Priority Management Area D – Ecosystems	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
Goal a. Perform ecosystem monitoring and assessment to provide data needed for effective watershed management.	3 of 3	100	2.3
Goal b. Protect and restore biological resources throughout the basin and in each of the major subbasins.	2 of 3	67	2.3
Goal c. Restore populations of migratory fish throughout the Susquehanna River system.	3 of 4	75	1.8
Composite Summary	8 of 10	80	2.1

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.

TABLE 6
SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
CHESAPEAKE BAY GOALS

Priority Management Area E – Chesapeake Bay	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
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 of 2	50	2.0
Goal b. Develop and implement plans to address the flow requirements in Goal a. above.	1 of 3	33	1.0
Goal c. Support the Chesapeake Bay restoration effort, including sediment and nutrient reduction strategies developed by each of the Commission's member states.	3 of 4	75	1.9
Goal d. Provide habitat for migratory waterfowl and shorebirds found in the Chesapeake Bay.	0 of 1	0	N/A
Composite Summary	5 of 10	50	1.8

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.

TABLE 7
SUMMARY OF PROGRESS ASSESSMENT
FOR MEETING
COORDINATION, COOPERATION and PUBLIC INFORMATION GOALS

Priority Management Area F – Coordination, Cooperation and Public Information	Comp Plan Major Actions Addressed		Progress Rating of 2009 WRP & Other Actions 1/
	Number	Percent	
Goal a. Continue use of interagency committees and ad hoc committee mechanisms to gather input from member jurisdictions and to encourage consistent interstate water management policies and actions.	1 of 2	50	3.0
Goal b. Execute, review, and update memoranda of understanding (MOUs) with member jurisdictions to coordinate regulatory or other programs that overlap.	1 of 2	100	1.3
Goal c. Support uniform water management policies and standards in areas such as water quality, stream classification, flood plain management, instream flow protection, stream passby requirements and aquifer protection.	2 of 2	100	2.5
Goal d. Coordinate major interagency efforts such as flood forecasting and warning, drought emergency management, water conservation, and hydro power license renewal.	4 of 5	80	2.6
Goal e. Inform legislators and executive branch policy makers on important issues related to the basin's water resources.	N/A	N/A	N/A
Goal f. Inform the public on matters affecting the basin's water resources and utilize current tools, methods and strategies to effectively reach the public.	1 of 1	100	2.7
Goal g. Enhance public access to Commission information and decision making procedures.	2 of 2	100	2.4
Goal h. Involve and seek the advice of non-governmental organizations on the management of the basin's water resources.	3 of 4	75	2.6
Composite Summary	14 of 17	82	2.5

1/ Progress ratings: 3 = actions completed; 2 = substantial progress made; 1 = some progress made; 0 = no progress made.
N/A means no actions were planned in 2009 under certain goals.