

# Natural Resources Secretariat



**PRESENTATION TO HOUSE APPROPRIATIONS  
SUB-COMMITTEE: ECONOMIC  
DEVELOPMENT, AGRICULTURE AND  
NATURAL RESOURCES**

**JANUARY 17, 2013**

# Natural Resources Secretariat



- DEPARTMENT OF CONSERVATION AND RECREATION
- DEPARTMENT OF ENVIRONMENTAL QUALITY
- DEPARTMENT OF GAME AND INLAND FISHERIES
- DEPARTMENT OF HISTORIC RESOURCES
- MARINE RESOURCES COMMISSION
- VIRGINIA MUSEUM OF NATURAL HISTORY

# CHESAPEAKE BAY RESTORATION



## **GOAL: Improve the health of the Chesapeake Bay.**

- We continue to work to meet Virginia's goals under the Watershed Implementation Plan.
- Thanks to General Assembly investments, in 2011 our major wastewater facilities exceeded pollution reduction goals by more than 2,000 percent for nitrogen and more than 450 percent for phosphorus.
- U.S. EPA's Region 3 awarded Virginia its "Biggest Loser" award for ranking first in the region and second in the nation for reducing nitrogen pollution by 2.5 million pounds.
- We continue to see a rebound of natural life in the Bay.
- In 2011 we harvested the most oysters in 20 years and a nearly 250% increase since 2008 thanks to hard working watermen.
- The Chesapeake Bay blue crab population is now at a near 20-year high, and 66% greater than just a year ago.
- We are also seeing a major rebound in populations of osprey, eagles, Atlantic striped bass and flounder.
- All this would not have been possible without your help.

# CHESAPEAKE BAY RESTORATION



## **Governor's Proposed Continued Investments to Improve the Health of the Chesapeake Bay:**

- Water Quality Bond - \$200 Million
- WQIF Deposit - \$16.9 Million
- Oyster Restoration - \$2 Million

# WATER QUALITY BOND: \$200 MILLION



## **GOAL: Improve water quality in Virginia's Rivers and the Chesapeake Bay**

- \$101 million for Wastewater Treatment Plant upgrades in more than a dozen municipalities
- \$40 million for the City of Richmond's Combined Sewer Overflow project
- \$19 million for Lynchburg's Combined Sewer Overflow project
- \$5 million for a supplemental grant for Hopewell
- \$35 million Urban Stormwater Grant Program.

# WATER QUALITY BOND: \$200 MILLION



## **\$101 million for Wastewater Treatment Plant upgrades in more than a dozen municipalities**

- \$100.7 million in authorization to address state's share of signed waste water grant agreements and projected agreements through FY 2016.
- The shortfall, by fiscal year, follows:

<b>Period</b>	<b>Est. Shortfall (\$ Millions)</b>	<b>Cumulative Shortfall (\$ Millions)</b>
FY2014	\$18.3	\$18.3
FY2015	\$46.5	\$64.8
FY2016	\$35.9	\$100.7

- A detailed listing of the affected treatment plants is on the next slide.

# WQIF: Estimated Expenditures FY 13-14 & FY 15-16 and New Obligations



A. Existing Signed Grant Agreements:	Grant Balance	FY13-14 Biennium		FY15-16 Biennium	
Grantee	9/10/2012	Est. Pmts. in FY 13	Est. Pmts. in FY 14	Est. Pmts. FY15	Est. Pmts. in FY 16
Augusta Co. S.A.-Fishersville STP	\$240,341	\$240,341			
Rivanna W&SA-Moores Creek	\$737,197	\$737,197			
Waynesboro STP	\$566,294	\$566,294			
Pr. William Co. S.A.-Mooney STP	\$3,401,667	\$3,401,667			
Hampton Roads S.D.-Army Base STP	\$17,222,942	\$11,000,000	\$6,222,942		
Berryville	\$1,732,208	\$1,732,208			
Richmond	\$24,478,767	\$10,518,467	\$8,556,984	\$3,984,861	\$1,418,455
Chesterfield Co.-Proctors Crk	\$1,744,658	\$1,744,658			
Chesterfield Co.-Falling Crk	\$259,431	\$259,431			
Fairfax Co.-Noman Cole	\$12,311,159	\$10,511,159		\$1,800,000	
Craigsville	\$3,474,852	\$3,474,852			
Hampton Roads S.D.-Nansemond	\$720,189	\$720,189			
Henrico Co.	\$460,509	\$460,509			
Cape Charles	\$572,277	\$572,277			
Rapidan S.A.-Wilderness	\$469,250	\$469,250			
Hampton Roads S.D.-James River STP	\$1,030,020	\$1,030,020			
Stafford Co.-Aquia (Phase 2)	\$215,603	\$215,603			
Alexandria S.A.	\$28,435,769	\$8,530,731	\$8,530,731	\$8,530,731	\$2,843,577
Louisa Co.-Regional STP	\$254,612	\$254,612			
Upper Occoquan Sewage Authority	\$1,986,483	\$851,350	\$851,350	\$283,783	
Spotsylvania Co.-Massaponax	\$470,972	\$470,972			
<b>Totals =</b>	<b>\$100,785,201</b>	<b>\$57,761,787</b>	<b>\$24,162,006</b>	<b>\$14,599,375</b>	<b>\$4,262,032</b>

  

B. Projected New Agreements:	Est. Grant	FY13-14 Biennium		FY15-16 Biennium	
Grantee		Est. Pmts. in FY 13	Est. Pmts. in FY 14	Est. Pmts. FY15	Est. Pmts. in FY 16
Fairfax Co.-Blue Plains	\$22,168,736	\$4,433,747	\$4,433,747	\$4,433,747	\$4,433,747
Loudoun Co. S.A.-Blue Plains	\$12,109,509	\$2,421,902	\$2,421,902	\$2,421,902	\$2,421,902
Front Royal	\$17,000,000	\$1,416,667	\$1,416,667	\$5,666,667	\$5,666,667
Strasburg	\$3,185,417	\$530,903	\$1,061,806	\$1,061,806	\$530,903
Hopewell Regional WWTF	\$30,855,150	\$292,500	\$6,112,530	\$6,112,530	\$6,112,530
HRSD-VIP	\$30,000,000	\$3,125,000	\$3,125,000	\$10,000,000	\$10,000,000
KGCSA-Dahlgren (Phase 2)	\$500,000	\$250,000	\$250,000		
Covington	\$150,000	\$75,000	\$75,000		
ACSA-Weyers Cave	\$4,723,500		\$787,250	\$1,180,875	\$1,180,875
Grottoes	\$100,000		\$100,000		
HRSD-York	\$4,000,000			\$1,000,000	\$1,333,333
<b>Totals =</b>	<b>\$124,792,312</b>	<b>\$8,004,052</b>	<b>\$19,783,901</b>	<b>\$31,877,526</b>	<b>\$31,679,957</b>

  

SUMMARY:	FY13-14 Biennium		FY15-16 Biennium	
	Est. Pmts. in FY 13	Est. Pmts. in FY 14	Est. Pmts. FY15	Est. Pmts. in FY 16
<b>Total Est. Payments</b>	<b>\$65,765,839</b>	<b>\$43,945,908</b>	<b>\$46,476,901</b>	<b>\$35,941,989</b>
Bond Proceeds Balance (9/10/12)	\$3,814,101			
FY13 WQIF Appropriation	\$87,569,000			
Balance	\$25,617,262			
Total Est. Available funds from Carry-over		\$25,617,262	\$0	\$0
<b>Shortfall per FY</b>		<b>-\$18,328,646</b>	<b>-\$46,476,901</b>	<b>-\$35,941,989</b>
<b>Total Cumulative Shortfall</b>		<b>-\$18,328,646</b>	<b>-\$64,805,547</b>	<b>-\$100,747,536</b>



# WATER QUALITY BOND: \$200 MILLION



## **GOAL: Improve water quality in Virginia's Rivers and the Chesapeake Bay**

- \$40 million for the City of Richmond's Combined Sewer Overflow project
- \$19 million for Lynchburg's Combined Sewer Overflow project

The Cities of Lynchburg and Richmond are both under consent orders from the State Water Control Board to implement Long Term Control Plans to control their Combined Sewer Overflow programs that currently have projected costs in excess of \$250 million each. The amounts requested for Richmond and Lynchburg would represent less than 50% state cost share to update the CSO.

- \$5 million for a supplemental nutrient removal grant for Hopewell

Hopewell Regional Wastewater Treatment Authority (HRWTA) treats about 35 million gallons of wastewater a day coming from Hopewell, Fort Lee, the Federal Corrections Institute, portions of Prince George County, and five area industries. The facility is subject to nutrient reduction requirements under state discharge regulations, which were adopted in response to the Chesapeake Bay cleanup program, and now mandated by an EPA Total Maximum Daily Load (TMDL).



# WATER QUALITY BOND: \$200 MILLION



## **GOAL: Improve water quality in Virginia's Rivers and the Chesapeake Bay**

- Request is for \$35 million to capitalize a new *Stormwater Local Assistance Fund* to provide matching grants to localities.
- Grants would be matched 50/50 to support the planning, design and implementation of stormwater best management practices (BMPs).
- Projects would include new stormwater BMPs, stormwater BMP retrofits, stream restorations, low impact development projects, buffer restoration, pond retrofits, drainage retrofits, and wetlands restoration.
- A Senate Finance Committee presentation in November 2011 placed the estimated cost to local governments at \$5.8 to \$8.5 billion.

# WATER QUALITY IMPROVEMENT FUND: \$16.9 MILLION



## **GOAL: Improve water quality in Virginia's Rivers and the Chesapeake Bay**

### Water Quality Improvement Fund (Surplus Deposit):

- Designate the full \$16.9 million to DCR for nonpoint source
- Designate \$2.3 million of the \$16.9 million for deposit into the WQIF allocating it for stormwater management & design and training
- Designate the balance, \$14.3 million, for deposit into the Natural Resources Commitment Fund to be distributed in accordance with the Fund guidelines.

# LAND CONSERVATION



**GOAL: Continue efforts to conserve open space, working farms and forests.**

- 150,000+ additional acres conserved
- FY14 base budget funding

## DCR

- \$1 million per year to VLCF; \$750,000 to provide matching grants and \$250,000 to VOF for the Open Space Lands Preservation Trust Fund
- \$2,000,000 to be distributed by the VLCF to easement holders to help with stewardship responsibilities (percentage of Land Preservation Tax Credit transfer fees)

## DHR

- \$1 million in base budget money
- \$850,000 from remaining bond monies
- Total \$1.85 million total for Civil War battlefields

# ADDITIONAL AGENCY BUDGET HIGHLIGHTS



## **Department of Environmental Quality:**

- Water Quality Bond - \$200 million
- Coastal Groundwater Monitoring - \$100,000
- VITA Costs - \$987,942

## **Department of Conservation & Recreation:**

- Allocation of WQIF Surplus - \$16.9 million
- Maintenance Backlog at State Parks - \$2 million
- Mountain Bike Trail at Pocahontas SP - \$50,000

## **Department of Historic Resources:**

- Historic Easements – Add 1 FTE (\$73,102)
- VITA Costs - \$242,412

# ADDITIONAL AGENCY BUDGET HIGHLIGHTS



## **Department of Game and Inland Fisheries:**

- Continues budget support for improvements to high hazard dams
- Continues budget support for new headquarters project

## **Marine Resources Commission**

- Tangier Seawall Study Cost Chare- \$84,000
- Funds to supplant withdrawn NOAA funds - \$221,000
- Additional Oyster Restoration Funding- \$2 million  
(NOTE: \$500,000 in base additional)

## **Virginia Museum of Natural History**

- STEM Distance learning classroom - \$183,509

# Natural Resources Team



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