



OPERATION
Clean Bay
a treasure worth fighting for

"...EPA has calculated that nitrogen loads must be reduced by 110 million pounds each year from the year 2000's levels. By upgrading sewage treatment plants (STP) in the Bay watershed with nutrient removal technology (NRT), we can achieve approximately 20 percent of the necessary pollution load reductions."

CHESAPEAKE BAY FOUNDATION (CBF)



In May 2004, Governor Robert L. Ehrlich signed into law Bay Restoration legislation. This sets new goals for sewage treatment plants to provide state-of-the-art solutions known as Enhanced Nutrient Removal (ENR) to scrub wastewater of harmful nutrients. The City of Aberdeen currently discharges 1.9 gallons of wastewater per day into the Chesapeake Bay. In cooperation with the State-wide mandate, we will be upgrading our current wastewater treatment facility with ENR technology to reduce nutrient levels.

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Our response to the critical issues facing the Chesapeake Bay will affect generations to come.



Next step, upgrade the current wastewater system.

The City of Aberdeen has long been known for the superior quality of its wastewater treatment operations. Our plant can treat up to four million gallons of wastewater per day. Like all facilities, we must meet the discharge limits of the NPDES permit, which limits the amount of nitrogen, phosphorus, suspended solids, nitrates and dissolved oxygen released into the water. The Aberdeen plant and its operators consistently meet NPDES requirements.



The top enemies of our Chesapeake Bay are nitrogen and phosphorus, which contribute to algae blooms that rob precious oxygen from the water. To combat this problem, all of the major wastewater treatment plants in Maryland are converting to Enhanced Nutrient Removal (ENR) technology. This will enhance our ability to pull nitrogen and phosphorus out of sewage effluent. Aberdeen's ENR project has begun and should be completed by December, 2011.

For less than 21cents per day.

The ENR project will cost 9 million dollars. The City will be responsible for 40% of that cost. Using our current financing plan this will cost each household less than 21 cents per day".



Every effort counts!
In your home

- Avoid pouring grease and toxic substances down drains.
- Conserve water: Take shorter showers. Turn off water while shaving, brushing teeth and washing hands



In your yard

- Plant a tree. Trees hold soil in place, and soak up fertilizers and other chemicals
- In your yard use plants and grasses that don't require as much water or fertilizers



In your community

- Drive less: Air pollution contribute more than one-third of all the nitrogen entering the Bay



For more details regarding how you can help save our bay, visit: www.chesapeakebayfoundation.com

