

Trash Talkin'

Delaware Estuary Science & Environmental Summit

Lance Butler, Philadelphia Water

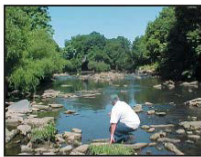
January 26, 2015



An Integrated Approach to Watershed Management

- Since 1999, the Philadelphia Water Department (PWD) has committed itself to achieving practical and measurable improvements in our region's waterways.

Final Report Tacony-Frankford Creek River Conservation Plan



February 18, 2004



Cobbs Creek Integrated Watershed Management Plan

October 2004



Prepared by:
Philadelphia Water Department
Darby-Cobbs Watershed Partnership



Darby-Cobbs Watershed

Watershed Management Plan 1 of 5



Tacony-Frankford Watershed



Winslowton Watershed



Pottsville Watershed



Pottsville Watershed



POQUESSING WATERSHED ACT 167 STORMWATER MANAGEMENT PLAN



VOLUME II – PLAN CONTENTS

FINAL REPORT
December 7, 2012

BUCKS, MONTGOMERY, AND PHILADELPHIA COUNTIES,
PENNSYLVANIA

NTM PROJECT NO. 09052.00

Inlet Cleaning

- PDW is responsible for 72,500 active inlets within Philadelphia
- 32 Dedicated Inlet Cleaning Crews
- For the period of July 2013 – June 2014:
 - 88,547 total inlet cleanings
 - 9,058 Tons of debris removed
 - Avg. amount removed from each inlet was 250lbs



Waterways Restoration Team

- PWD's Waterways Restoration Team (WRT) is a multi-crew force dedicated to performing stream cleanup work throughout the city including large trash and debris removal.
- In FY 2014 the Waterways Restoration Team completed 686 site clean-ups
 - Removing:
 - 710 Total tons of trash, litter and commercial debris
 - 4 Cars
 - 1428 Tires
 - 20 Shopping Carts



Waterways Restoration Team



Floatables Skimming Vessels

R.E. Roy

- Approximately 30-40 tons/year removed from the rivers.
- 22.61 Tons in FY 2013



Pontoon Vessel

- 13.7 Cubic Yards of floatables and debris collected during FY 2014
- 7 Cubic Yards in FY 2014



Watershed Partnerships

- **PowerCorps PHL**

- This program, a partnership between the City of Philadelphia, Commonwealth of Pennsylvania and AmeriCorps, promotes environmental stewardship through workplace development. PWD is proud to partner with these dedicated young adults to keep our communities clean and our green infrastructure operating efficiently.
- In FY 2014, PowerCorps PHL members collected:
 - 24,439 lbs of residential waste
 - 38,126 lbs of leaves and organic material
 - 10,278 lbs of construction materials



Watershed Partnerships

- **Soak It Up Adoption**

- The Soak It Up Adoption Program provides grants to civic organizations to help maintain the beauty and functionality of green stormwater infrastructure (GSI) in Philadelphia's neighborhoods.
- In FY 2014, adoptees collected 3,181lbs of trash and organic material



Watershed Partnerships

- **TTF Trash Task Force**

- In 2012, recognizing the impact of trash in the watershed, the Tookany/Tacony-Frankford Watershed Partnership and PWD partnered to create a taskforce charged with studying the problem and recommending solutions for corrective action.
- Under a contract with Temple University, a group of researchers are studying the area located within the catchment of the T-4 outfall. This relatively small drainage area (68 acres), contains a number of different land uses, lending itself well to study.

Questions?

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