

# Philadelphia Water Department Educating the Public

*“The water dinosaurs drank billions of years ago is the same water we drink today.”*

Lauren Boles ENV5 634 - Green Design and the City

# Let's Learn About Water!

Bathe your brain  
with the facts!

Quench your thirst  
for knowledge!



Brought to you by the

Philadelphia  
**PWD**  
Water Department

# Storm Inlet Tip Card DO NOT DUMP

- Motor Oil
- Used Paint
- Leaves



## Clean Water Starts Here...



**Storm drains** in the street (also called sewer inlets) are for water only. Philadelphia's rain and melting snow pick up all kinds of pollutants as they wash over our sidewalks, streets, parking lots and yards. All of this water flows into storm drains, many of which empty directly into local creeks and the Schuylkill and Delaware Rivers. You can help make our waterways safer for drinking, fishing and boating by keeping pollution and trash out of Philadelphia's storm drains.

### Tips for How You Can Help:



**Service** your car regularly to prevent oils and other fluids from leaking onto the pavement and being washed down storm drains. Always recycle your used motor oil and antifreeze. Move your car for scheduled street sweepings to allow the city to remove debris before it washes down the storm drains.



**Manage** your painting projects by choosing water-based paints and washing brushes in your sink with water. Reuse and recycle paint thinner, which is a hazardous material. Don't pour it down the sink or storm drain.



**Dispose** of leaves and grass clippings properly. Don't allow leaves to collect in the street. Bag them, or start a compost pile with yard waste.



# Operation Scoop

- Signage
- Plastic Bags
- Receptacles





Protect Your River & Drinking Water

# Please Do Not Feed the geese



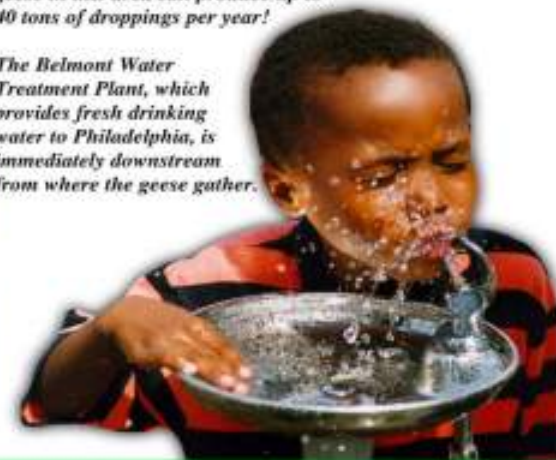
Geese flock where people feed them. The grazing and droppings from unnaturally large goose populations damage the land and water, which in turn can degrade the Schuylkill River, one source of Philadelphia's drinking water.

 The intake for the Belmont Water Treatment Plant is immediately downstream of this site. The degradation of the river increases the treatment effort required to make your drinking water safe.

 This sign is part of the Belmont Water Intake Protection Project. This project, a precautionary effort of the Philadelphia Water Department and the Fairmount Park Commission, has been developed to restore this section of the park and protect your source of drinking water.

*A single goose can produce 1.5 pounds of droppings per day, the 150 geese in this area can produce up to 40 tons of droppings per year!*

*The Belmont Water Treatment Plant, which provides fresh drinking water to Philadelphia, is immediately downstream from where the geese gather.*



**Project Partners:**  
 Fairmount Park Commission  
 Philadelphia Water Department



**Project Funding:**  
 The League of Women Voters of PA, Citizen Education Fund  
 Partnership for the Delaware Estuary, Inc.

**For more information:**  
 215.685.0000 Fairmount Park Commission  
 215.685.6300 Philadelphia Water Department

REMEMBER: CLEAN WATER BEGINS & ENDS WITH YOU !







**712 N. 48<sup>th</sup> St.**



- HILL CREEK GRANT AREA



HILL CREEK WATERSHED REDEVELOPMENT  
 PHASE II APPLICATION: CONCEPTUAL GREENWAY ROUTES  
 PHILADELPHIA WATER DEPARTMENT - OFFICE OF WATERSHEDS

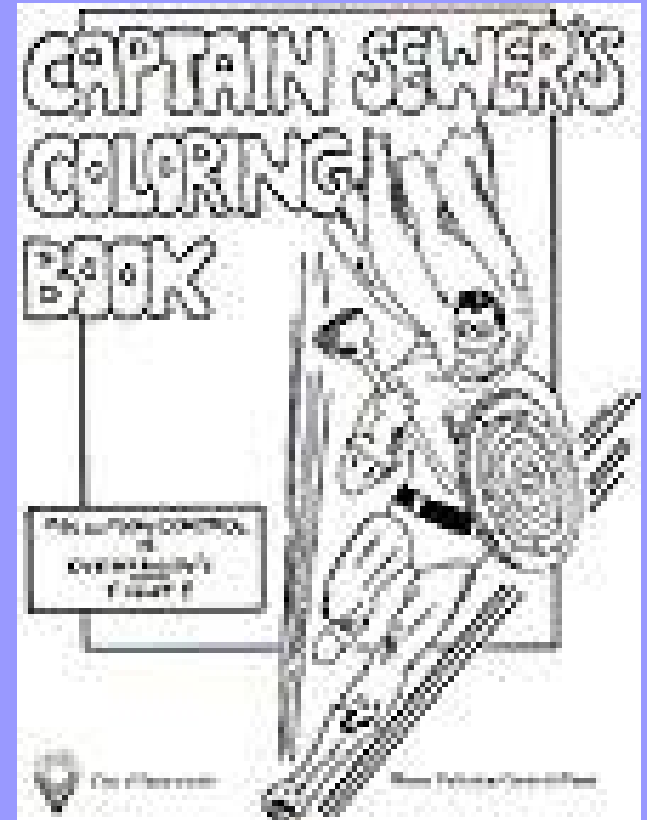
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# BMP MEASURES of SUCCESS

- Number of Inlets Cleaned
- Number of Detention Basins Inspected
- Tons of Debris Removed from Inlets, Basins
- Tons of Leaves Collected
- No. of Industrial and Construction Site Inspections
- Number of Illicit Connections Abated
- Volume of Dry Weather Abated
- Number of Education Materials Delivered
- Number of Training Sessions Conducted
- Number of Surveys on Outreach Material
- Number of Capital Projects Completed
- Adoption of Legal Authority



# Summary

- Successful? Yes, \$4 million+ in non-point source education grants vs. end-of-pipe treatment
- Benefits: Exportable
- Drawbacks: “Preaching to the Choir”
- How might it be improved? 3E’s join the 3R’s in school education

# REFERENCES

- [www.phillywater.org](http://www.phillywater.org)
- [www.phila.gov/streets](http://www.phila.gov/streets)
- [www.phila.gov/fairpark](http://www.phila.gov/fairpark)
- [www.centercityphila.org](http://www.centercityphila.org)
- [www.delep.org](http://www.delep.org)
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