

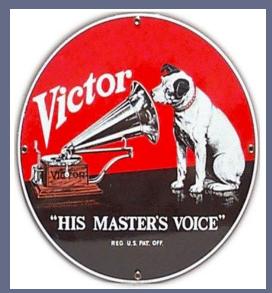
REDISCOVERING URBAN WATERWAYS

THERE was a child went forth every day; And the first object he look'd upon that object he became; And that object became part of him for the day, or a certain part of the day, or for many years, or stretching cycles of years. - Walt Whitman (Leaves of Grass)















Farnham Park Pavilion "in" the Cooper River



Celebrating at the end of our Cooper River Paddle

UPA Learning Community

Environmental Literacy

- □ Awareness
- Stewardship
- Advocacy

<u>Social Literacy</u>
Community History
Involvement
Service



Baltimore Field Trip

An investigation into the possibilities of urban renewal utilizing a city's waterways



Rain Barrel Project

Partnerships

•NJ Conservation Foundation
•Delaware River Keepers
•Camden Shipyard & Maritime Museum
•Coopers Ferry Development
•NJ Academy of Aquatic Sciences
•Rutgers University
•City Council/ Parks Department (Frank Moran)
~Senators Menendez, Lautenberg, & Congressman Andrews





How are our urban waterways benefitting the community?

What opportunities exist to revitalize our urban waterways?

Inquiry-based Learning







Urban BoatWorks

Water Testing with the CCMUA



URBAN PROMISE SAMPLING EVENTS - 2011 - 2012

WATER TESTING OF COOPER RIVER AT TIDAL AND NON-TIDAL LOCATIONS

TIDAL = AREA AT REAR OF THE PUB RESTAURANT PARKING LOT

NON-TIDAL = PUBLIC BOAT RAMP ADJACENT TO SAILING MARINA

	DATE	11/2/2011	11/10/2011	12/21/2012	12/21/2012	1/25/2012	1/25/2012
PARAMETER	LOCATION	TIDAL	NON-TIDAL	TIDAL	NON-TIDAL	TIDAL	NON-TIDAL
TEMPERATURE - 'C		9.7	16.1	7.1	8.1	5.3	4.6
рН		7.4	7.44	8.61	7.66	6.69	6.81
DISSOLVED OXYGEN (DO) - mg/L		9.99	9.81	10.51	10.18	10.72	12.36
BIOLOGICAL OXYGEN DEMAND (BOD) - mg/L		<12	6.5	<6	<6	<5	<5
FECAL COLIFORM - cfu/100ml		<2	12	23	102	290	129
E.COLI - MPN/100ml		x	x	x	x	288	>400
TOTAL SUSPENDED SOLIDS (TSS) - mg/L		10	6	2	3	4	6

NEXT STEPS

 On Water Exploration
 Ramp at Kaighn Ave. dam
 Park/ boat house at Gateway Park
 Stewardship/ Advocacy

