

Meishka L. Mitchell, AICP, PP
Vice President of Neighborhood Initiatives
Cooper's Ferry Partnership



LIVE. WORK. **GREEN.** **CAMDEN.**

Foundation/Community Partnerships Bring Multiple
Benefits: Clean Water & Healthier People

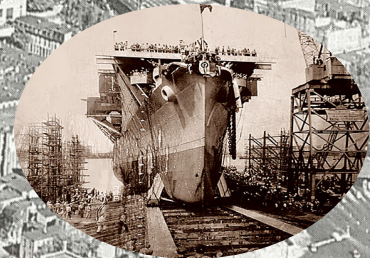


01.31.15

14th Annual

New Partners for Smart Growth Conference

CAMDEN 1957



CAMDEN: A City of Great Need



Stormwater Management

INCLUSIVE ECONOMIC DEVELOPMENT

show us the money.



If you had



how would you spend it
to improve

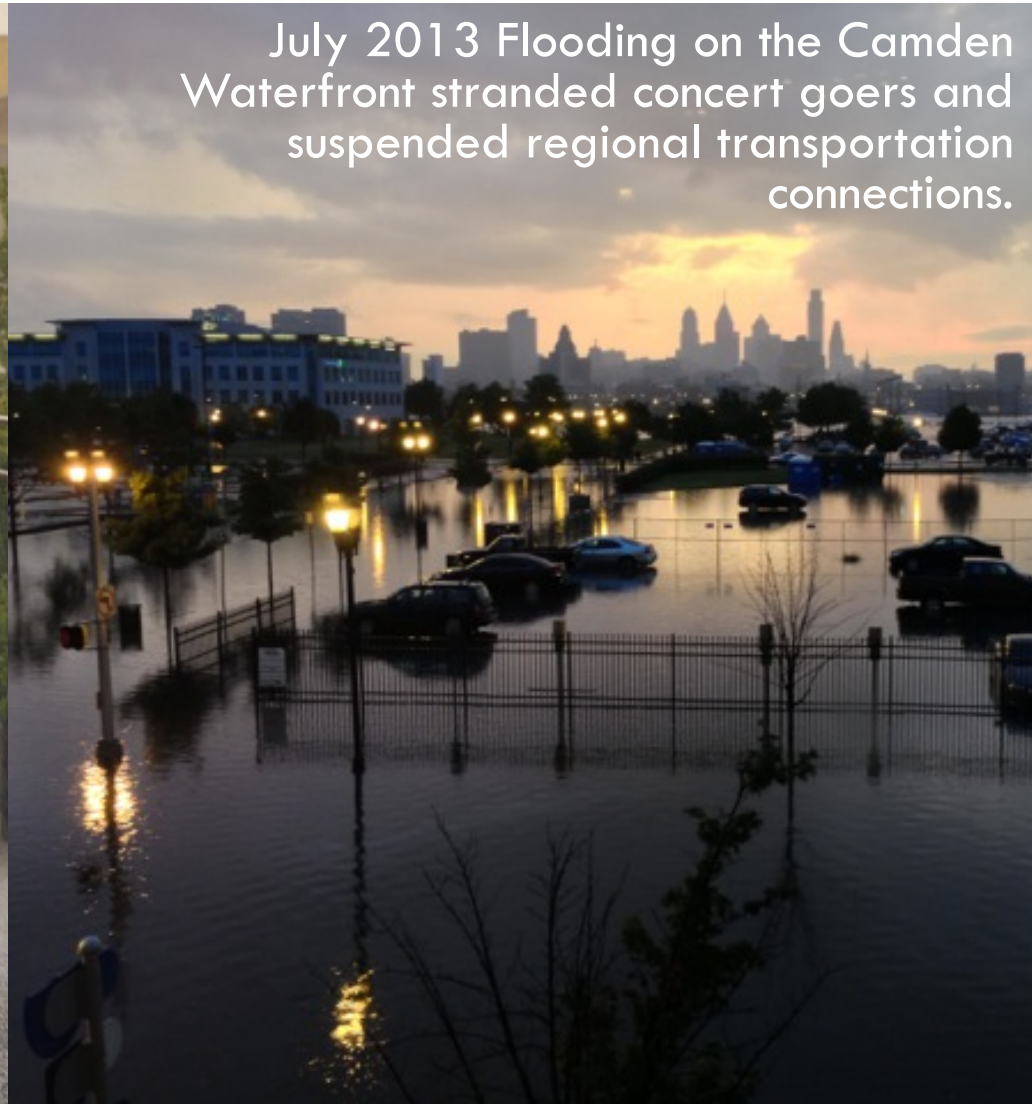
Cramer Hill?



Camden's Struggle With Stormwater



Camden's Struggle With Stormwater

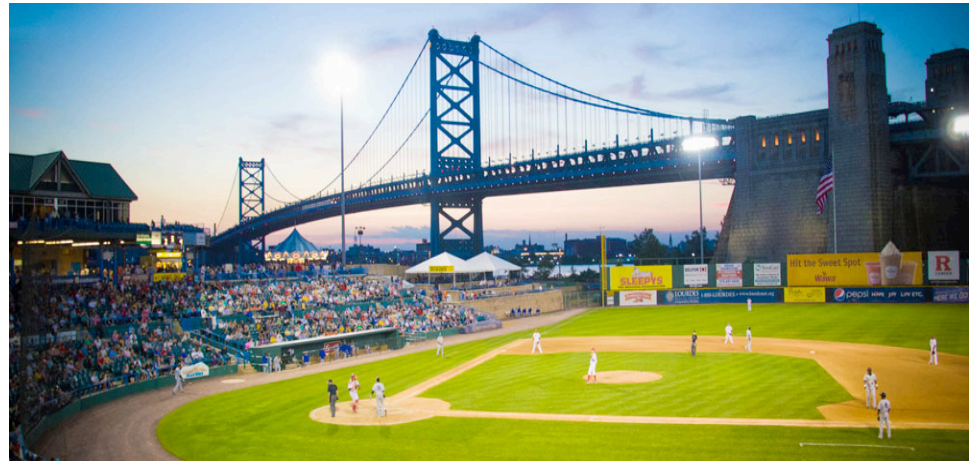


July 2013 Flooding on the Camden Waterfront stranded concert goers and suspended regional transportation connections.

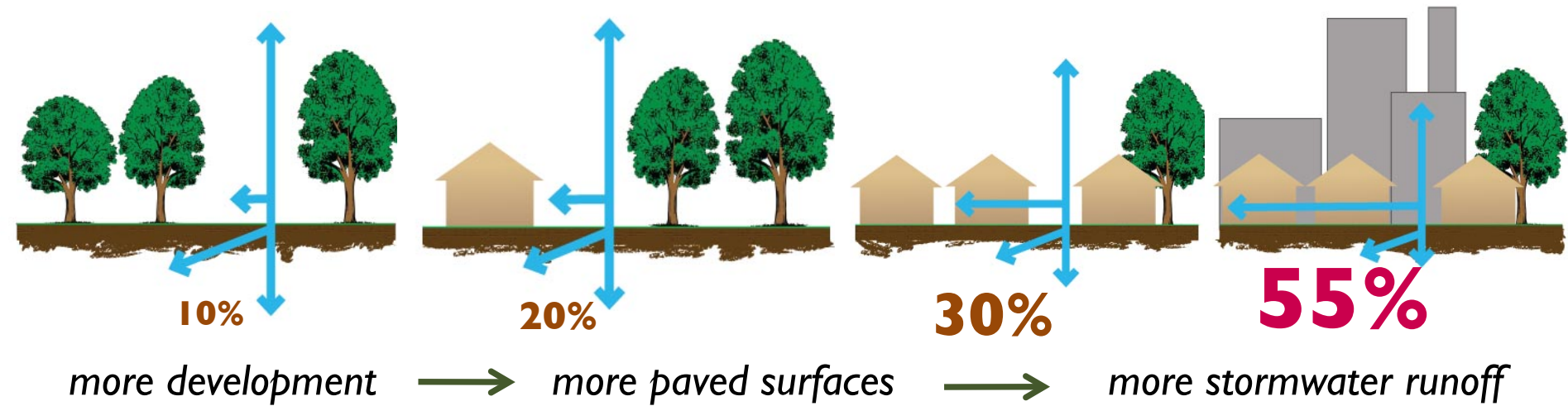
CAMDEN: A City on the Rise



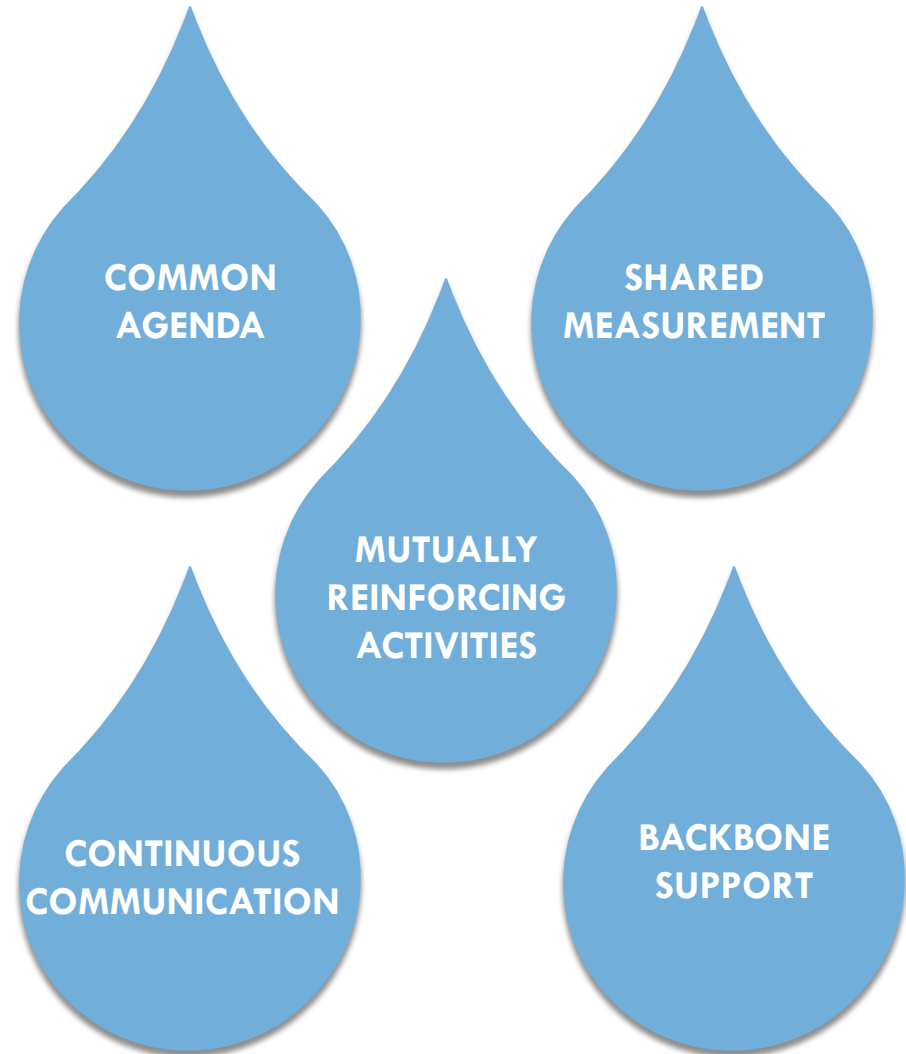
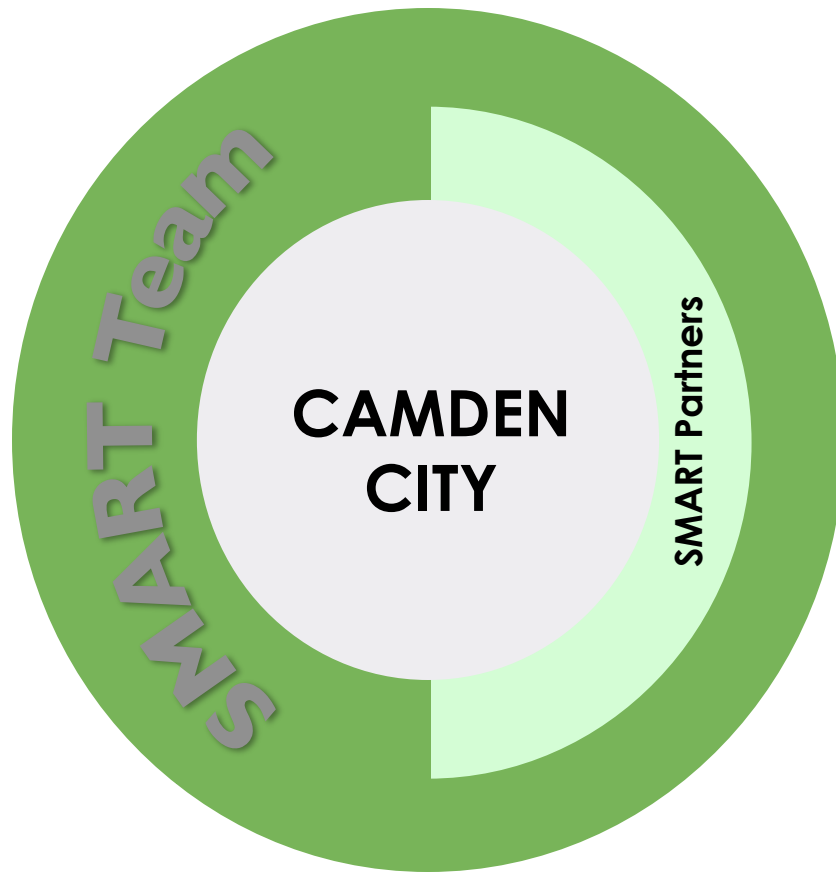
- ❑ Regional Waterfront Destination
- ❑ Multi-Modal Transportation Options
- ❑ Educational & Medical Hub
- ❑ Private Sector Expansion
- ❑ New Approach to Public Safety
- ❑ Growing Neighborhoods
- ❑ Environmental Improvements



A COMPLEX CAUSE



SMART – COLLECTIVE IMPACT



Camden SMART Initiative

Stormwater Management and Resource Training

THE SMART TEAM



City of Camden



Cooper's Ferry Partnership



NJ Department of
Environmental Protection




Rutgers Cooperative Extension
Water Resources Program



Camden County Municipal
Utilities Authority



NJ Tree Foundation



The Camden SMART Initiative a community-driven movement to protect human health, improve conditions for economic development, improve water quality, and enhance the quality of life for Camden City, its residents, and the Delaware River watershed through the broad use of green and grey infrastructure techniques for stormwater management.

EDUCATE. IMPLEMENT. ENGAGE.



The Camden SMART Initiative

A RESIDENT-DRIVEN APPROACH



Over 100 residents attended the Camden SMART community meetings in February-April 2011



WITHOUT A CONSENT DECREE OR REGULATORY MANDATE, THE INITIATIVE WAS FOSTERED BY THE RESIDENTS.

COMMUNITY EDUCATION & OUTREACH



Educational
Pamphlet



"Sewer in a Suitcase"



RAINWATER HARVESTING INITIATIVE

70% Installed



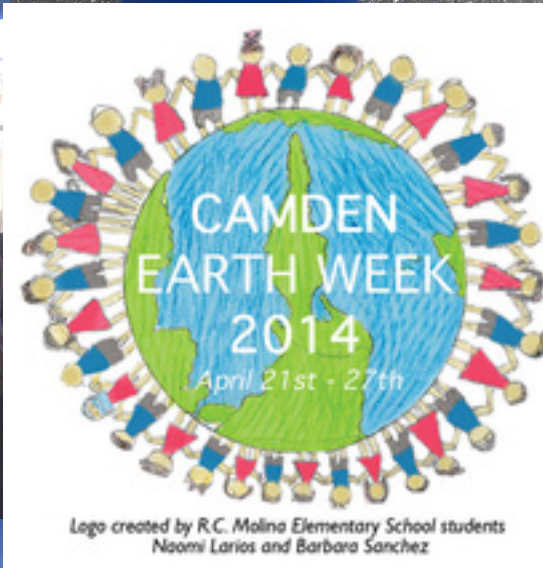
860 Mt. Ephraim Ave.



916 Chelton Ave.



2739 Tyler Ave.





www.camdensmart.com



2ND ANNUAL Camden **SMART** FORUM *Initiative*

Featuring

2014 City of Camden
SUSTAINABILITY ADDRESS
Mayor Dana L. Redd

WATER IS LIFE
A Talk by George S. Hawkins, Esq.
General Manager
D.C. Water and Sewer Authority

Thursday, January 30, 2014
11am - 2 pm

Adventure Aquarium
Currents Ballroom
1 Riverside Drive
Camden, NJ 08103
Parking Provided at the Aquarium Lot

To RSVP or reserve exhibit space
Please contact Sarah Bryant of Cooper's Ferry Partnership
at bryant@coopersferry.com or (856) 757-9154

Thank you to Campbell Soup Foundation, The Geraldine R. Dodge Foundation and The Verizon Foundation for their generous support of the Camden SMART Initiative.





SMART

Accomplishments

2011-2013



27 Green Infrastructure Projects Installed



992 Trees Planted



120 Rain Barrels Distributed

4,255,797+ Gallons of Stormwater

Project Name	Street Address	Neighborhood	Property Owner	Completion Date	Gallons of Stormwater Captured per Year	Green Components
20th St. Community Garden Rain Gardens	N 20th at River Ave	Cramer Hill	Cramer Hill CDC	June-10	63,000	1
Sumner Elementary School Rain Gardens	1600 S 8th Street	Liberty Park	Camden Board of Education	June-10	110,000	2
Ferry Avenue Rain Garden	1645 Ferry Avenue	Waterfront South	Camden County MUA	March-11	75,000	1
Waterfront South Native Plant Nursery	1645 Ferry Avenue	Waterfront South	Camden County MUA	April-11		1
Waterfront South Rain Garden	S Broadway @ Chelton Ave	Waterfront South	Camden County MUA	July-11	470,000	4
Ferry Avenue Library Rain Garden	852 Ferry Avenue	Centerville	Camden County MUA	April-12	62,500	1
Parkside Rain Barrel Workshop (25 Barrels)	Camden City	Parkside	Camden City residents	April-12	32,500	1
Brimm School Rain Garden	1626 Copewood Street	Whitman Park	Camden Board of Education	May-12	81,000	1
Camden County Technical School	6008 Browning Road	Pennsauken	Camden County Technical School	May-12	12,500	1
RT Cream School Rain Garden	1875 Leon Huff Street	Centerville	Camden Board of Education	June-12	25,000	1
PRUP Rain Garden and Rainwater Harvesting	818 S. Broadway	Bergen Square	Puerto Rican Unity for Progress	June-12	31,250	2
Woodrow Wilson High School Rain Garden	3100 Federal Street	Stockton	Camden Board of Education	July-12	30,000	1
29th St. Rain Gardens	29th St @ Pierce St & Tyler St	Cramer Hill	Cramer Hill CDC	July-12	400,000	2
Park Blvd Rain Garden #1	Park Blvd @ Magnolia Ave	Parkside	PBCIP/Camden County	August-12	60,000	1
Park Blvd Rain Garden #2	Park Blvd @ Vesper Blvd	Parkside	PBCIP/Camden County	August-12	40,000	1
304 State St. Rainwater Harvesting	304 State Street	North Camden	Respond, Inc.	September-12	3,000	1
Neighborhood Center Rain Garden and Rainwater Harvesting	278 Kaighns Ave	Central Waterfront	Neighborhood Center	September-12	119,000	2
Front St. Community Garden Rainwater Harvesting	N Front St at Penn Street	Cooper Grant	Cooper Grant Neighbor Assoc.	March-13	5,000	1
Pyne Point School	N 7th Street @ Erie Street	North Camden	Camden Board of Education	April-13	47,700	1
Yorkship Elementary School Rain Garden	1251 Collings Ave	Fairview	Camden Board of Education	May-13	22,500	1
Urban Promise Academy Rain Garden	27 N 36th Street	Rosedale/East Camden	Urban Promise Ministries	May-13	22,500	1
2013 Rain Barrel Program (95 Rain Barrels)	Camden City	Camden City	Camden City residents	June-13	123,500	1
St. Anthony's Rain Garden	29th St @ River Ave	Cramer Hill	St. Anthony's of Padua	July-13	175,000	1
Liney Ditch Park Shelterbelt Tree Planting	Jasper Street	Waterfront South	Camden City	October-13	117,000	1
1458 Street Trees Planted (community-based from 1/2011)	Camden City	Camden-Wide	1458 locations	December-14	1,458,000	1
Trenton Ave Rain Garden	Trenton & Newton Ave	Cooper Grant	James Comstock	June-14		1
CSO Thorndyke Rain Garden	Route 30 & Thorndyke	Marlton	Camden City	June-14	221,000	1
CSO Baird Blvd Rain Garden, C27	Baird Blvd & Cooper River	Marlton	Camden City	June-14	122,000	1
CSO Jackson Rain Garden, C03	200 Jackson Street	Waterfront South	Camden City	June-14	258,000	1
Neighborhood Center, Porous Pavement	278 Kaighns Ave	Central Waterfront	Neighborhood Center	November-14	17,306	1
Mt. Zion Highway of Holiness	295 Chestnut Street	Central Waterfront	Mt. Zion	November-14	51,541	1
12/31/14				TOTAL:	4,255,797	38

CAMDEN SMART

2014 INFRASTRUCTURE INITIATIVE

- ❑ Von Nida Park Stormwater Management Project, \$2.5 million
- ❑ Baldwin's Run Urban Daylighting Project, \$1.1 million
- ❑ Green Infrastructure Projects, \$1 million
- ❑ Sewer Rehabilitation Project, \$2.5 million
- ❑ Wastewater Pump Station Rehabilitation, \$14 million
- ❑ Water Storage Tank Rehabilitation, \$5 million
- ❑ Phoenix Park Project, \$1.4 million





Research Policy & Planning

- ❑ Water Conservation Ordinance
- ❑ Sustainable Jersey Certification
- ❑ Sustainable land use pledge
- ❑ Green Infrastructure Handbook
- ❑ SMART Team Collective Impact Vision
- ❑ Sustainability Ordinance



2012 GREEN INFRASTRUCTURE TECHNICAL ASSISTANCE PROGRAM
Coopers Ferry Partnership
Camden, New Jersey



City of Camden Green Infrastructure Design
Handbook: Integrating Stormwater Management
into Sustainable Urban Design

Photo: Camden Waterfront, US EPA

AUGUST 2013
EPA 830R13003

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