

Save the Rain Green Improvement Fund Public Meeting

May 8, 2014



Onondaga County Executive
Joanne M. Mahoney

Save the Rain 

Meeting Agenda

- Save the Rain program overview
- Green Improvement Fund program summary
- Impact of SWMM on GIF program
- 2014 modifications to Green Improvement Fund Program
- Follow-up items



Save the Rain Program Overview



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Onondaga County Save the Rain Program

- 150 individual public and private GI projects completed-to -date
- Over 100 million gallons of stormwater captured
- Signature Projects
 - Civic Strip (OnCenter, War Memorial, Water Street, etc.)
 - HB Treatment Wetland
 - Rosamond Gifford Zoo (5 projects)
 - Connective Corridor
 - Vacant Lot Projects
 - Collaboration with City Parks



OnCenter Green Roof

Gray Projects:

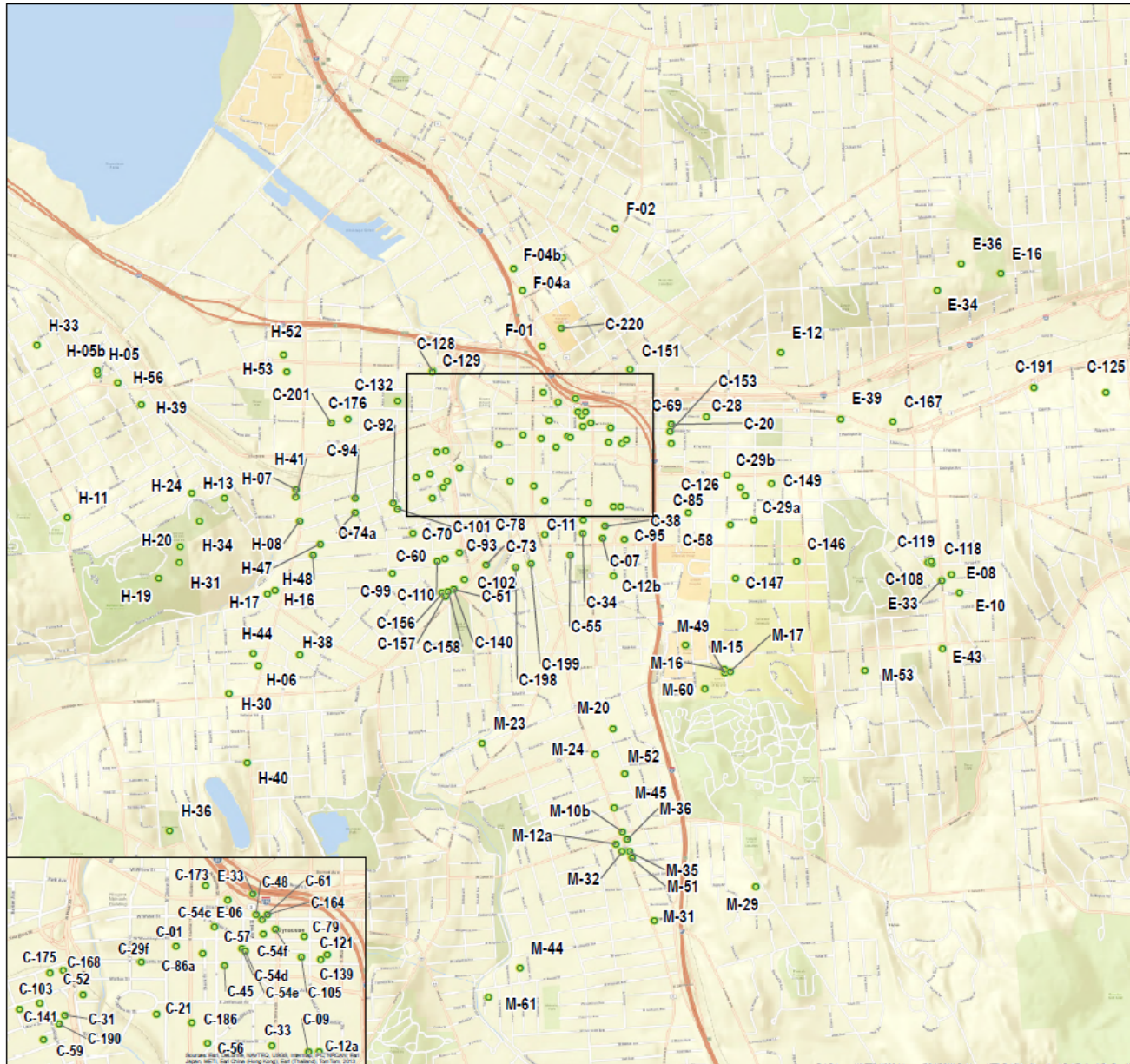
- Harbor Brook Interceptor
- Midland Conveyance (CSO 044)
- Erie Boulevard Storage System
- Gate Improvements
- Clinton Storage Facility / Conveyances
- Lower Harbor Brook Storage Facility / Conveyances
- Sewer Separation projects



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Green Project Locations



Green Infrastructure Projects Constructed December 2013

Save the Rain...



0 1,300 2,600 3,900
Feet



1" = 1,300' or 22" x 34" sheet. Map prepared 12.31.13

Project ID	Project Name	Project ID	Project Name
C-01	City Parking Lot #21	C-74a	OnisStreet Green Corridor - Phase 1
C-07	OnCenter Parking Garage	C-78	GIF004 CNY Regional Transportation Authority
C-09	Townsend Parking Lot #	C-79	GIF005 Central New York Jazz Arts Foundation
C-103	Green Park: Siddy Park (198)	C-85	SCSD Central Office
C-102	IMA: Leonard Apartments	C-86a	Bank Street/Alley Storm Sewer
C-103	GIF009 Home Headquarters Marcellus	C-92	GIF009 Courts/Kids: Skiddy Park Porous Basketball Courts
C-105	GIF041 ENY Philanthropy Center	C-93	Seymour School Rain Garden
C-108	GIF044 American Beech	C-94	GIF012 Cousera's Westside Tagueta and BBQ
C-111	Commercial Green Streets: Harrison Street	C-95	IMA: SUNY Upstate: Townsend Towers
C-119	seymour: academy parking lot	L-99	vacant lot: 411 Lowaga St.
C-118	GIF047 Sherman Boy	E-06	City Parking Lot #3
C-119	GIF048 Mister Lady Bug	E-08	Green Library: Pett Branch
C-121	GIF051 Park Central Presbyterian Church	E-10	Road Reconstruction: Concord Place
C-125	GIF055 Barbary Baptist Church (Phase I)	E-12	Dr Edwin E Weeks Elementary School
C-128	GIF058 Cooper South Commons Student Housing	E-16	Lower Sunnyside Park
C-128	GIF058 Leona Creek Properties	E-17	1400 Disconnection
C-129	GIF059 McMahon-Ryan Child Advocacy Center	E-34	Rain Garden at Hensinger High School
C-12a	Townsend St Median Revegetation Phase 1	E-36	Upper Sunnyside Park
C-12b	Townsend St Median Revegetation Phase 2	E-39	East Water Street Pavement Renewal
C-132	Green Park: Lawrence/Barker Park	E-40a	Westcott Street Green Corridor and Knoll
C-139	GIF060 Koop Billing Agency	E-41	Westcott Community Center
C-140	GIF061 The Spa at 500 Green Roof	F-01	Pearl Street Parking Lot
C-141	GIF062 Peace Incorporated	F-02	Green Library: White Branch
C-146	Havens Parking Lot at SU	F-04a	City Parking Lot #8
C-147	Waverly/Parking Lot at SU	F-04b	North State Street Green Street
C-148	GIF063 Brewster Medical Properties	F-05	Green Roof at Hazard Branch Library
C-151	GIF063 Housing Violators	M-05b	Green Library: Hazard Branch Site Improvements
C-153	East Washington Street Green Corridor	M-06	Green Library: Mundy Branch
C-156	GIF070 Dronzaga Commons (Droun Ave)	M-07	GIF010 Vibrant Syracuse Space
C-157	GIF071 Dronzaga Commons (Dart's Health Center)	M-08	Road Reconstruction: Geddes Street
C-158	GIF072 Dronzaga Commons (Lear On Me Daycare)	M-11	Polo Atrium
C-164	GIF073 Sprague Commons	M-13	Zoo Entrance Enhancements and Colored Ave. Widening
C-167	GIF074 E-Trail Centre	M-18	Porous concrete sidewalk on Grand Ave.
C-168	GIF075 Near Westside Initiative Case Supply	M-17	Rain Garden at Grand & Delaware
C-169	GIF080 Grace Episcopal Church	M-19	Rosamond Gifford Zoo: Elephant Exhibit
C-173	GIF082 300 Clinton Square	M-20	Rosamond Gifford Zoo: Primate Exhibit
C-175	GIF083 GPCNY Case Supply Building	M-24	GIF015 ANC of Onondaga Courts
C-176	GIF084 Sbarano Millwork Co	M-30	Vacant Lot: 136A-10 Mt. Onondaga St
C-189	Tree PI Pilot Project	M-31	Rosamond Gifford Zoo: Stormwater Wetland
C-190	GIF100 5th Quarters	M-33	Green Park: Lewis Park
C-191	GIF101 Erie Bruce Corp.	M-34	Rosamond Gifford Zoo: Parking lot
C-198	Road Reconstruction: Onondaga Street	M-36	Green Park: Wadsworth Park
C-200	Road Reconstruction: South Clinton Street	M-38	Vacant Lot: 226 Putnam Street
C-201	Green Roof at Center of Excellence	M-39	GIF017 St. Patrick Apartments
C-201	Road Reconstruction: Richmond Ave	M-40	Infiltration Basin at Woodland Reservoir
C-21	GIF004 Jefferson Clinton Commons	M-41	GIF008 Vibrant Syracuse Space: Green Roof
C-212	GIF011 United Auto Supply	M-44	Vacant Lot: 309 Harrison Street
C-220	St. Joseph's Hospital Campus Expansion and Redevelopment	M-47	Road Reconstruction: Gifford Street
C-220a	IMA: SUNY Upstate: Biotechnology Center	M-48	GIF003 Smith Building
C-220a	Connective Corridor Phase 1 - Contract 1 (University Ave)	M-52	GIF009 VNA Home Care
C-220b	Connective Corridor Phase 1 - Contract 2 (E. Genesee St)	M-53	GIF013 Geneva Plaza
C-29f	West Fayette Street Sewer Separation	M-56	GIF001 Brooklyn Pickle
C-31	GIF010 Near Westside Initiative Lincoln Supply	M-10b	Green Library: Beachamp Site Improvements
C-33	Custom System at the War Memorial	M-12a	Green Roof at the Collins Green Park Office
C-34	Green Roof at OnCenter	M-15	IMA: SUNY ESF Parking Project at Bryl Hall
C-38	OnCenter Surface Parking Lot	M-16	SUNY ESF Gateway Building
C-45	GIF018 Putnam Properties	M-17	GIF003 SUNY ESF Residence Hall (Centennial Hall)
C-48	Green Roof at the Erie Canal Museum Visitor Center	M-20	GIF006 Durbar Association
C-51	GIF001 The Spa at 500 W. Onondaga	M-23	Greening the Grey in Basin 044
C-52	GIF003 Green Roof at King & Mag. Architects	M-24	GIF002 Syracuse-Market Neighborhood Corp
C-54c	Downtown Streetscape: 200 Water Street (North)	M-25	Hughes Magnet School Parking Lot
C-54d	Downtown Streetscape: 200 Montgomery Street (West)	M-29	GIF005 Solina Shoe Company Inc
C-54e	Downtown Streetscape: 200 Montgomery Street (East)	M-32	GIF007 People's AME Zion Church Parking Lot
C-54f	Downtown Streetscape: 300 South State Street (West)	M-35	GIF010 The People's Community Development Corporation
C-55	Green School: SCSD Institute of Technology	M-36	GIF013 Matawon Development Group
C-56	GIF012 The Waterlines Lince Townes	M-40	Site Improvements at 41st/42nd Hoory Loop
C-57	GIF013 The Monroe Building	M-45	Rain Garden at Barnabas Center
C-58	GIF007 Habitat Skyler	M-40	Stadium Parking Lot at SU
C-59	GIF015 Near West Side Initiative: Artist Studio	M-51	GIF017 South Side Community Coalition
C-60	Green School: Seymour Academy Playground	M-52	Road Reconstruction: South State Street
C-61	Water Street Green Gateway	M-53	Road Reconstruction: Summit Ave.
C-69	GIF017 Create Public Art	M-60	SUNY ESF: Subur Lab Stormwater Collection System
C-70	GIF020 St Lucy's Church	M-61	O&E Demonstration Rain Garden: 123 Vale Street
C-73	West Onondaga Street Green Corridor		

Save the Rain Program

“Project 50” Campaign (2011)

Regional/National Recognition

- US EPA
- NRDC Rooftop-to-Rivers Feature City
- US Water Prize
- Bloomberg Businessweek

Public Engagement

Community Partnerships

Strategic Approach

PS
The Post-Standard
syracuse.com

INSIDE
WHAT TO WATCH FOR WHEN YOU WATCH LACROSSE
B-1

FEDERAL REGULATIONS FUEL COMPLAINT AT HEARING CHAIRED BY BUERKLE A-6

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ENVIRONMENTAL PROTECTION

GREEN EFFORTS WIN RECOGNITION

FEDERAL GOVERNMENT SINGLES OUT SYRACUSE AND ONONDAGA COUNTY AS ENVIRONMENTAL LEADERS

Four pieces of the local effort
The U.S. Environmental Protection Agency has named the Syracuse area one of 10 communities across the nation that are demonstrating smart “green” practices. Among them:



By Teri Weaver
Staff writer

More than two decades ago, Onondaga County was a community filled with environmental finger-pointing about a near-dead lake at its center. Lawsuits and hundred-million-dollar fees made headlines as governments and industries tried to deflect responsibility for dumping more than a century’s worth of sewage and pollutants into Onondaga Lake. Taxpayers helped foot the cleanup bill, while officials mapped out unpopular plans. The debate grew so heated that protesters took to flushing the county’s top official down a toilet bowl in effigy.

GOVERNMENT

Obama at Facebook shows rising status of social media

President Barack Obama likely has a few more “friends” after a town hall at Facebook headquarters Wednesday, but the real winner may be the medium of social networking itself, which commands not just the attention of politicians but now an appearance from the president.

To anyone who tuned in to the live online feed, it wasn’t very different from its televised counterparts. The only difference might have been the average age of the audience, many of whom appeared to be the same age as event moderator and Facebook founder Zuckerberg, 26. Topics of questions ranged from the national debt and immigration to education and health care.

Obama is the first sitting head of state to visit Facebook’s brick-and-mortar home. He will likely not be the last: the 2012 presidential election is expected to see unprecedented use



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Green Improvement Fund (GIF)



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Green Improvement Fund

GIF Program

The Green Improvement Fund (GIF) is a grant program developed by Onondaga County to incentivize the development of green infrastructure stormwater mitigation techniques on private property



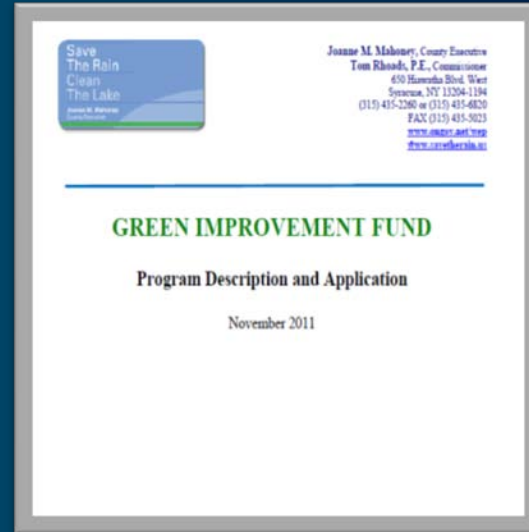
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Green Improvement Fund

Program Evolution

- GIF 1.0 (March 2010)
- GIF 2.0 (June 2011)
- GIF 3.0 (July 2012)
- GIF 4.0 (June 2013)
 - New program boundary based on updated SWMM
 - Funding tiers within program boundary
 - GIF award calculator available to public



Green Improvement Fund

Program Highlights

- 130 Applications Submitted to Date
- 59 Projects Completed
 - ❖ 23 Completed in 2013
- 42 projects awarded grant status currently in progress
- 7 applications currently being reviewed and finalized
 - ❖ 22 applications failed to receive grant funding due largely to not being able to meet eligibility requirements or applicants deciding not to move forward with projects
- Estimated annual stormwater capture for completed projects: 24.5 Million Gallons



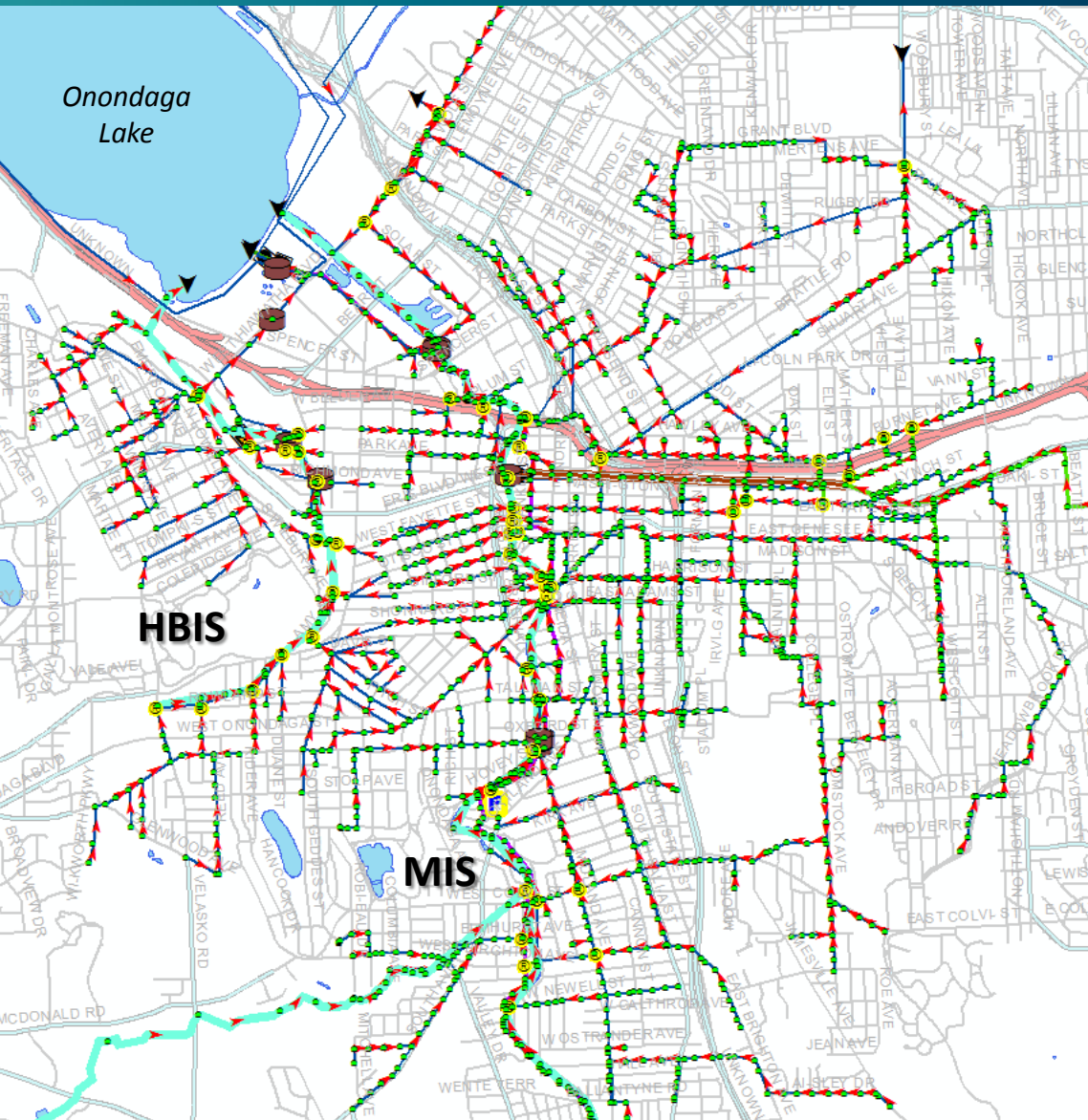
Stormwater Management Model (SWMM)



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SWMM Analysis



- SWMM is not only a tool for regulatory compliance, but it is also used for planning and system optimization
- SWMM results have shown that the County is complying with ACJ milestones and the GIF is a key component of the program's success

2012 & 2013 SWMM Update

- Incorporated weir survey elevation data
- Incorporated 2010-2013 green infrastructure projects
- Calibrated model using 2012 -13 flow monitoring data
- Minor Combined Sewer Catchment Boundary Adjustments Based On Field Data
- Added: Clinton Storage Facility (6.5 MG), Lower Harbor Brook Storage (4.9 MG), Metro New Screen and Grit flow control improvement project
- Trees were added as Green Infrastructure
- Coordinated 3rd party review and incorporated comments
- Identified priority GI project areas for 2013 focus



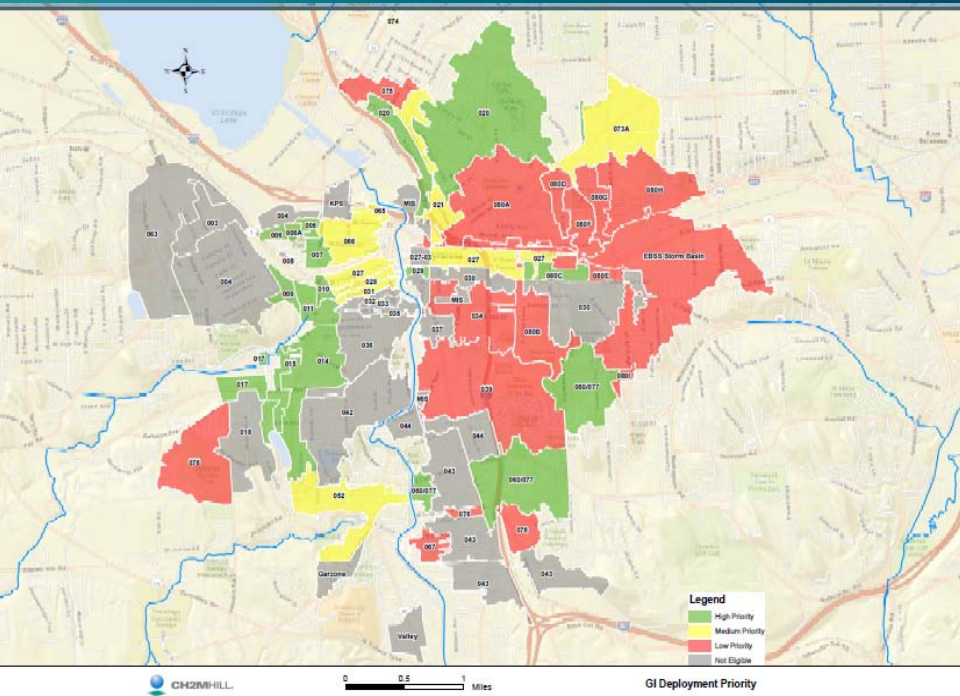
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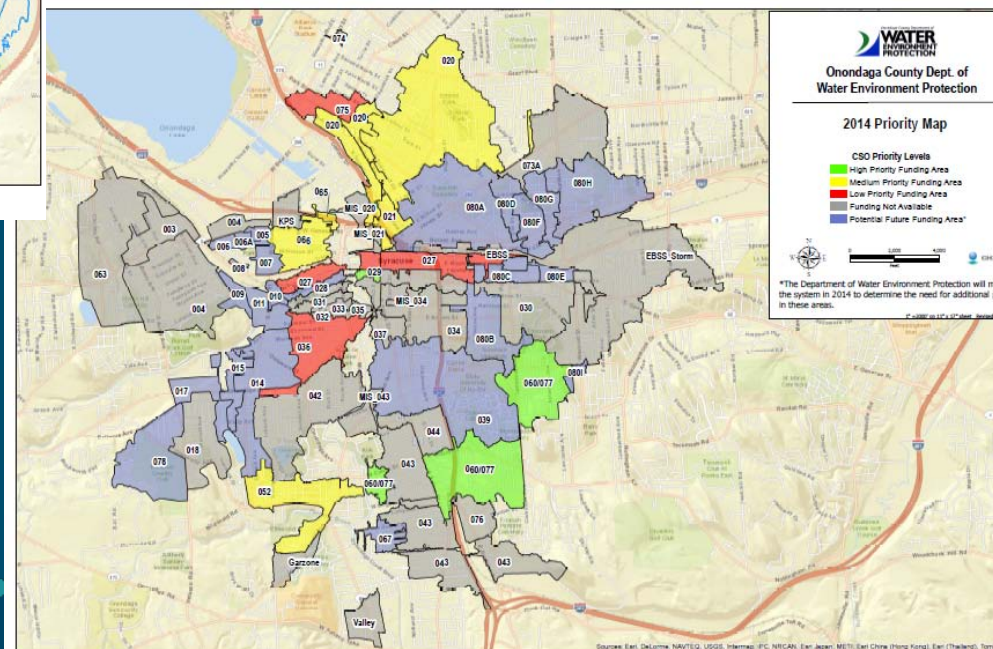
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GIF Program Boundary Map



2013

2014



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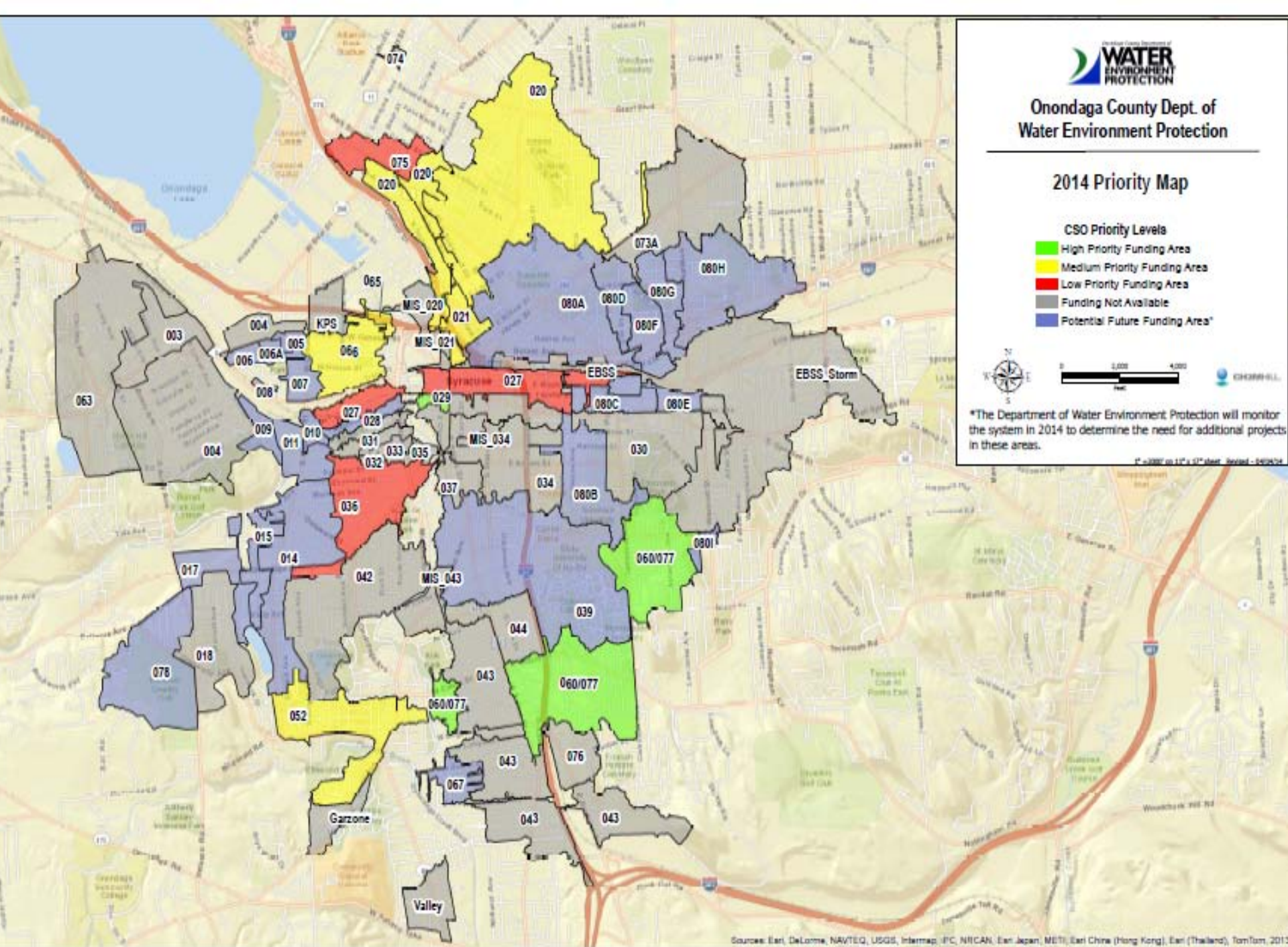
Onondaga County Dept. of Water Environment Protection

2014 Priority Map

- CSO Priority Levels**
- High Priority Funding Area
 - Medium Priority Funding Area
 - Low Priority Funding Area
 - Funding Not Available
 - Potential Future Funding Area*



*The Department of Water Environment Protection will monitor the system in 2014 to determine the need for additional projects in these areas.



Green Improvement Fund

2014 Program

- Tier funding remains in place
 - High Priority Areas (Green) = \$0.30/gallon
 - Medium Priority Areas (Yellow) = \$0.20/gallon
 - Low Priority Areas (red) = \$0.10/gallon
 - Potential Future Funding Area (blue) = currently not funded (gathering additional monitoring data)
- Updated GIF Program Description and Application
- Application Period: Thursday May 15, 2014 – Friday December 5, 2014 (3PM deadline)



GIF Program Follow-up Items

Pending projects:

GIF projects under contract that are over two years old must present an implementation plan for construction to occur this season

Maintenance:

Routine maintenance inspections will be conducted on completed GIF projects

Reimbursement Procedure:

Payment claims are processed through the County Comptrollers office



Question & Answer



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www.SaveTheRain.us

<http://savetherain.us/green-improvement-fund-gif/>

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