



WELCOME

LAND + WATER WORKS SUMMIT
MARCH 21, 2018

LAND + WATER WORKS COALITION ORGANIZATIONS:



GENEROUSLY FUNDED BY THE ERB FAMILY FOUNDATION





FORUMS

ATTEND A FORUM IN YOUR COMMUNITY!

FORUMS INCLUDE PRESENTATIONS, DEMONSTRATIONS, AND RESOURCES TO HELP YOU:

- Build a rain barrel, a rain garden, and disconnect your downspouts
- Understand Detroit's water system and how we all play a role in it
- Understand what imperious acreage is and how it can impact your water bill

DISTRICT 1: MONDAY MARCH 26

5:30 TO 8:00 PM

North Rosedale Park Community House,
18445 Scarsdale St

DISTRICT 2: THURSDAY MAY 31

5:30 TO 8:00 PM

Focus:HOPE Center for Advanced
Technologies, 1400 Oakman Blvd

District 3: SATURDAY JUNE 16

9:30 TO 12:00 PM

Ford Resource & Engagement Center II,
15491 Maddelein St

District 5: THURSDAY JUNE 28

5:30 TO 8:00 PM

Gleaners Community Food Bank,
2131 Beaufait St

District 6: SATURDAY MAY 12

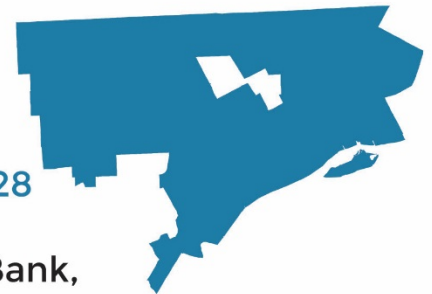
9:30 TO 12:00 PM

St. Gabriel Catholic Church,
8118 Vernor Hwy

District 7: SATURDAY APRIL 7

9:30 TO 12:00 PM

Don Bosco Hall Community Resource
Center, 19321 W Chicago St

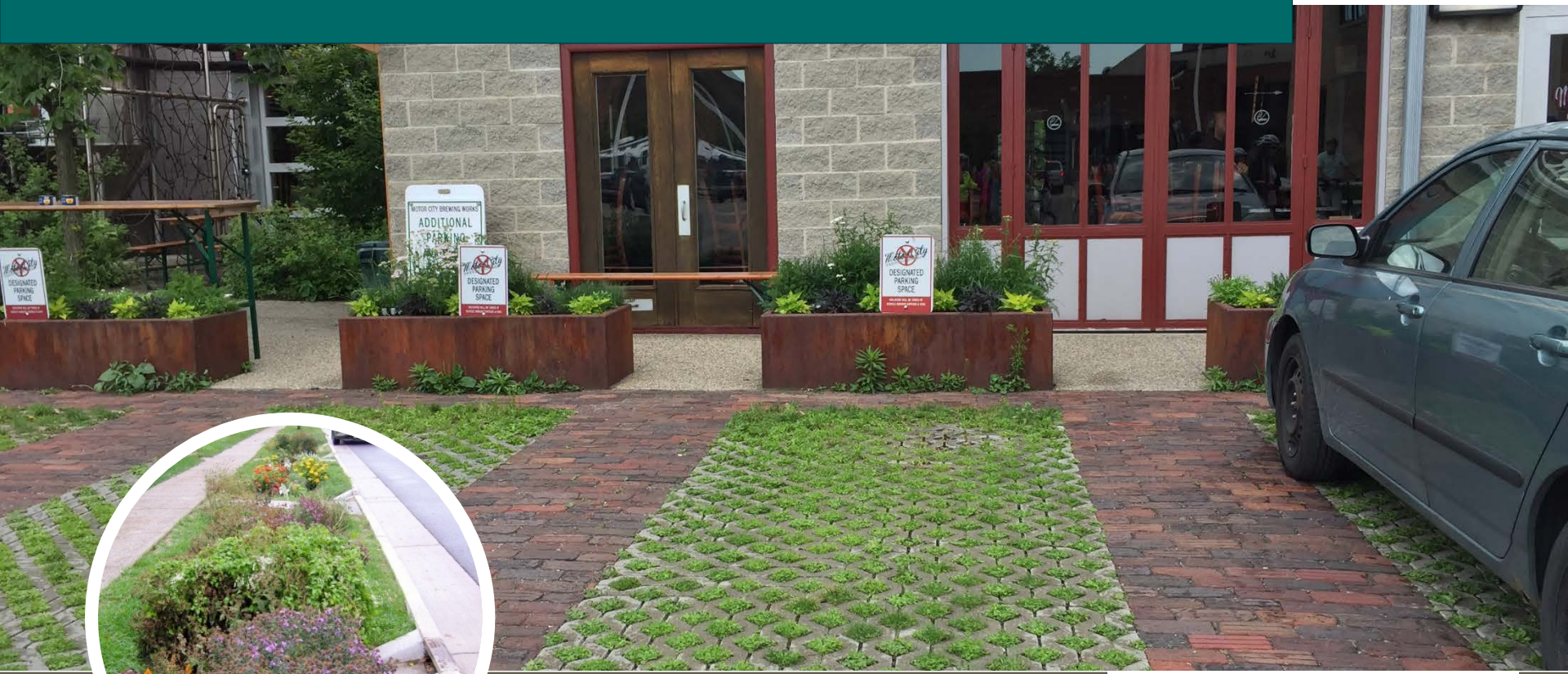




PALENCIA MOBLEY

**DEPUTY DIRECTOR AND CHIEF ENGINEER
DETROIT WATER AND SEWERAGE DEPARTMENT**

A Greener Detroit Through Stormwater Management



March 2018 Land and Water Works Summit



DETROIT
Water & Sewerage
Department

Video: Sewage Outflow Into the Detroit River



DETROIT
**Water & Sewerage
Department**



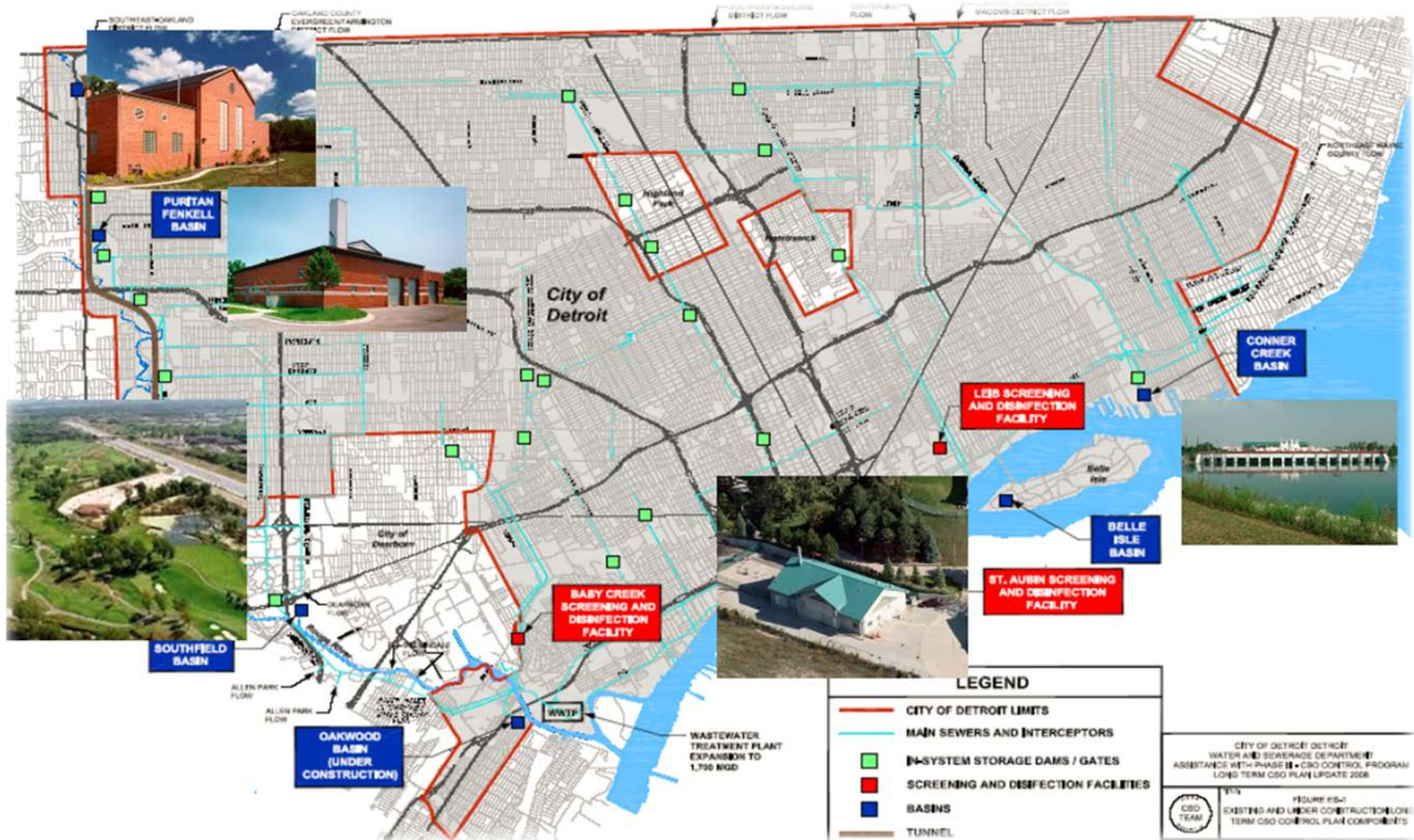
<https://www.youtube.com/watch?v=O8cagnYsfQc>



Detroit Invested \$1.5 Billion in Combined Sewer Overflow (CSO) Facilities



DETROIT
Water & Sewerage
Department



*Rates based on current forecasting models and are subject to change.



Chene Park Ampitheatre Detroit

Detroit, Michigan

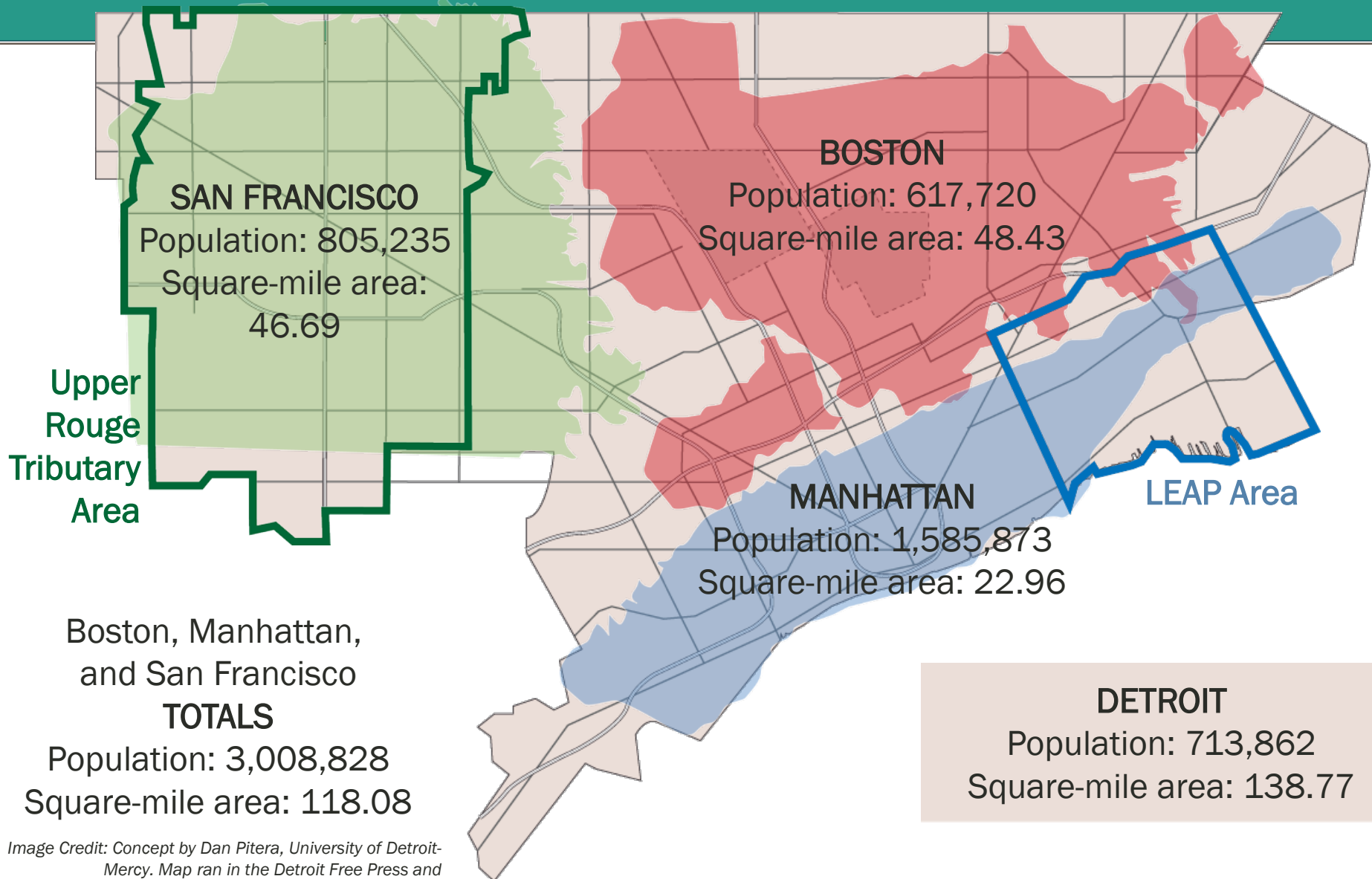
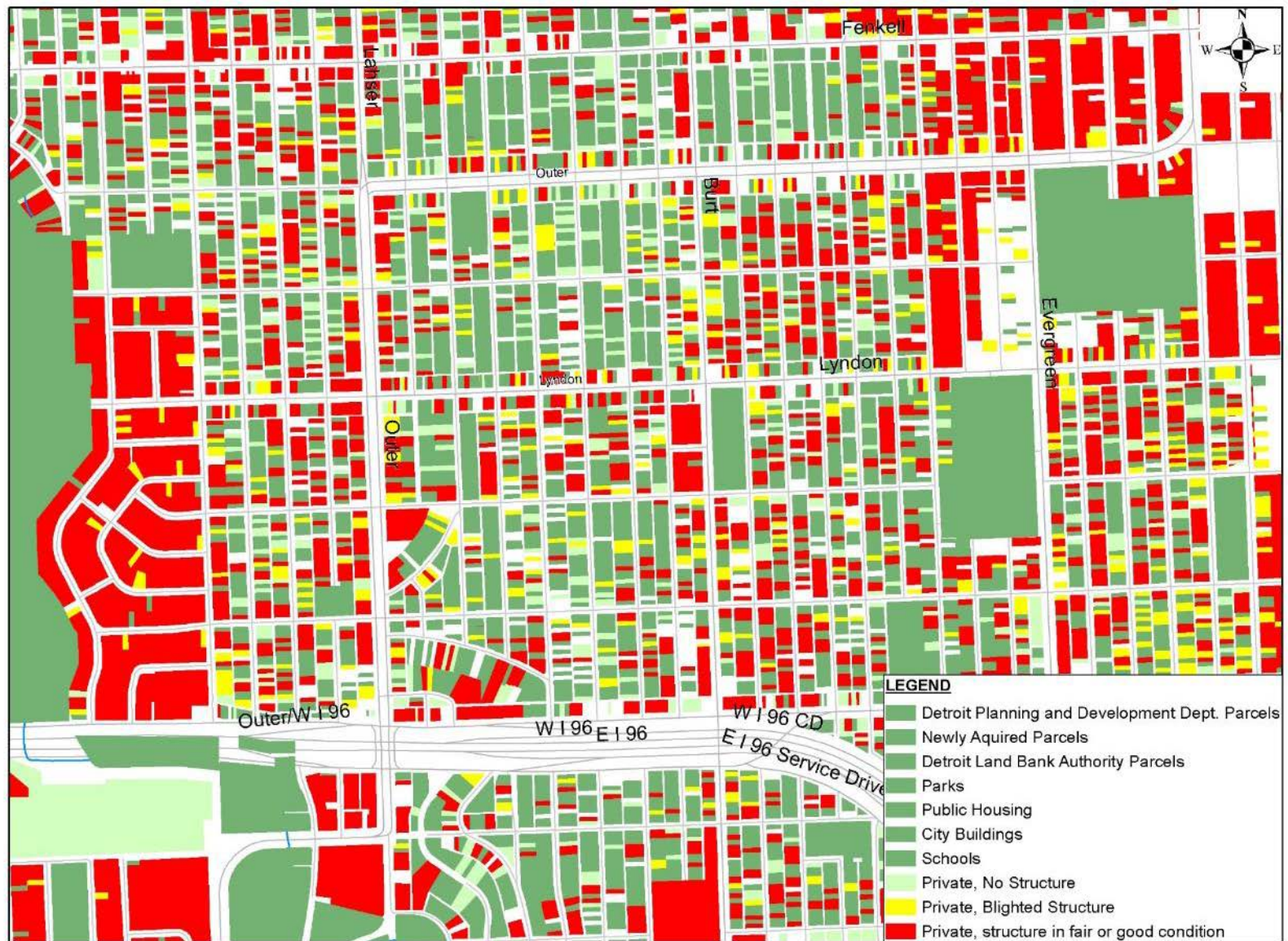
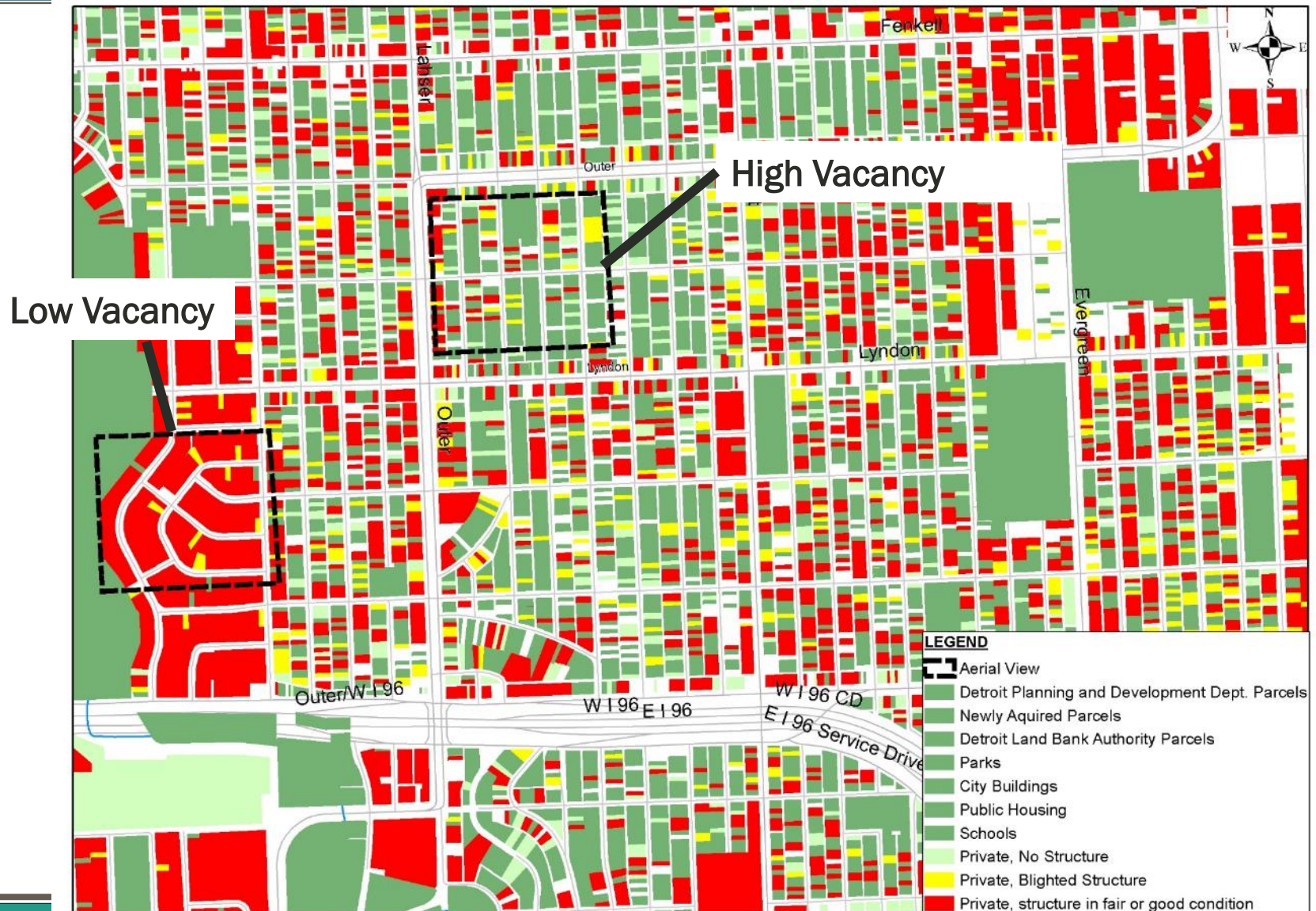


Image Credit: Concept by Dan Pitera, University of Detroit-Mercy. Map ran in the Detroit Free Press and Reimagining Detroit – Opportunities for Redefining an American City by John Gallagher.

Land Ownership



Land Ownership





Concept

3287 Evergreen Road



SNRE

SCHOOL OF NATURAL
RESOURCES & ENVIRONMENT
UNIVERSITY OF MICHIGAN

DETROIT'S
space our blue
water

A beautiful garden designed to soak up storm water and keep it out of the sewer system

To help this **green** space soak up **water**, please enjoy it from the sidewalk or the street.



During a rain storm, the layer of stone and pipe underneath the garden help to soak up and filter storm water.

WATER CENTER
www.watercenter.org

DETROIT

Reality



Porous Asphalt and Porous Pavers





11/04/2015



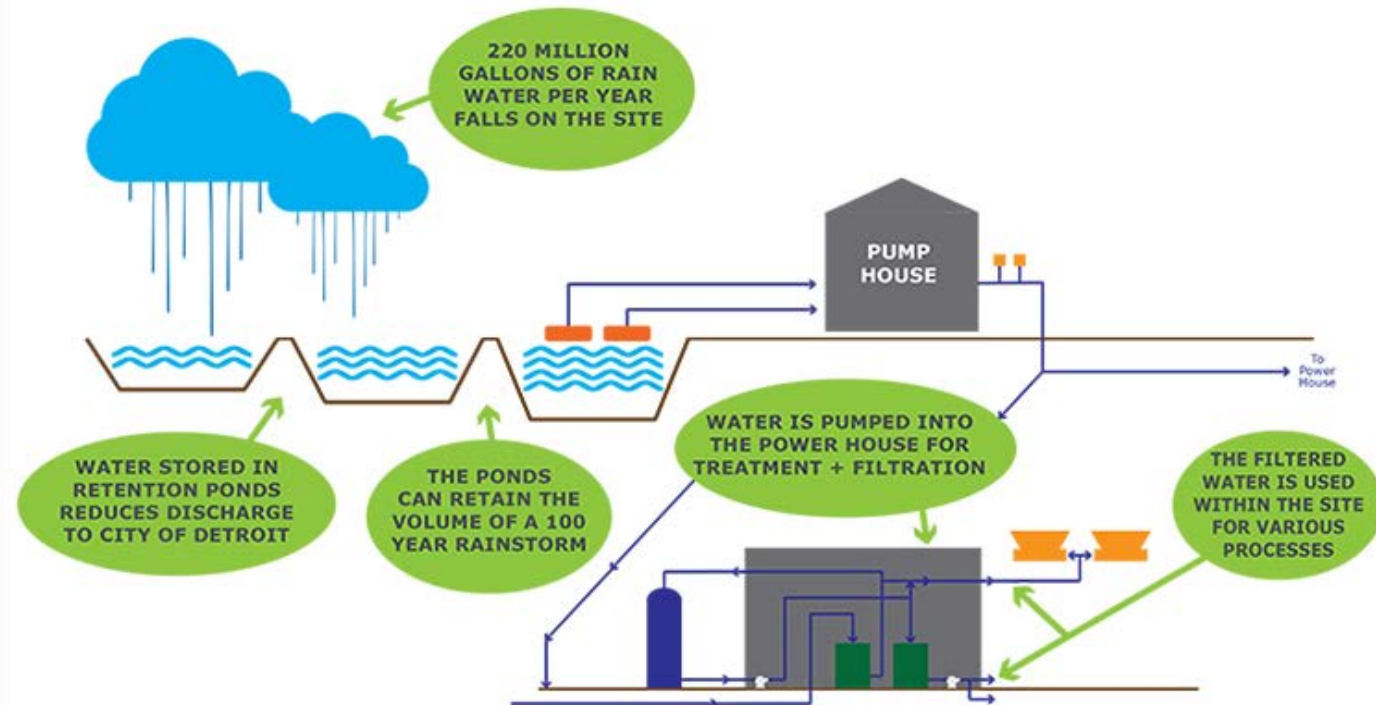
GM Poletown Plant

- 365 Acre Site
- Reduced Drainage Charge by 71%
- Saved 20% in potable water used
- Total investment of \$3.1 million
- Annual savings of \$2.3 million
- Options to provide water to power other businesses



ACCELERATING AHEAD: DETROIT HAMTRAMCK STORM WATER REUSE

How We Are Sustainably Moving The World



Using storm water saves water for
approximately 2,200 families in Detroit

GHAFARI

GM Retention Ponds



A New Vision for Detroit

