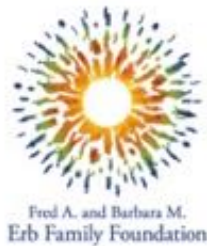


GROWING SUSTAINABLE WATER SOLUTIONS



GREAT LAKES

- Make it personal: Erma, grandma, row boat, little slice of heaven (Great Lake memories)
- 25% world's fresh water
- 95% US fresh water
- Drinking water for 42M ppl
- Economic Benefit, x% GDP (triple bottom line)
- In future (#yrs) water and food resources will make MI place to be
- Risk because of GLRI funding cuts

AGRICULTURE & WATER

- Fresh water usage
- Pollution/chemical pesticides and fertilizers CAFOs
- Agro ecology
- Urban agriculture

WATER IN CITIES

Detroit

- Not in compliance with Clean Water Act and state mandates
- Antiquated and failing infrastructure
- High % of urban runoff
- Increase in storms and amount of rainfall in shorter time periods
- Water affordability
- Public health



GROWING SUSTAINABLE WATER SOLUTIONS



EDUCATION

KGD'S
EDUCATION
SERIES

GREEN YOUR
NEIGHBORHOOD

OUTINGS &
EXCURSIONS



WATER COLLECTION & REUSE

RAIN BARRELS

LARGER WATER
COLLECTION
SYSTEMS

IRRIGATION
STATIONS



RAIN GARDENS

RESIDENTIAL
FRONT YARDS

INSTITUTIONS



NATIVE PLANTS

16 VARIETIES
OF PLUG FLATS
PRODUCED IN
DETROIT



LEADERSHIP DEV.

COHORT
DEVELOPMENT

CO-TEACHING
EDUCATIONAL
EVENTS

ASSISTING WITH
RAIN GARDEN
INSTALLATIONS

EDUCATION

Why is Water Security important?

What can citizens do to make a difference?



EDUCATION

Keep Growing Detroit's Education Series



GREEN YOUR NEIGHBORHOOD

FREE WORKSHOPS!

DWSD drainage fees • | Worm composting | Building rain gardens •
Removing toxins from the home | Reducing home energy costs
Basic gardening • / Clase bilingüe de cultivar básica

AT 'LA SED'

LATIN AMERICANS FOR SOCIAL &
ECONOMIC DEVELOPMENT INC.

**7150 W. VERNOR
HWY, DETROIT**



• INFORMACIÓN
DISPONIBLE EN
ESPAÑOL

**SATURDAY,
MARCH 25TH
9AM-1PM**

QUESTIONS? CONTACT (313) 965-0055 OR VISIT
WWW.FACEBOOK.COM/ILOVEGREATLAKES/

Event Organizers:



Partners:



EDUCATION

Outings & Excursions



WATER COLLECTION SYSTEMS



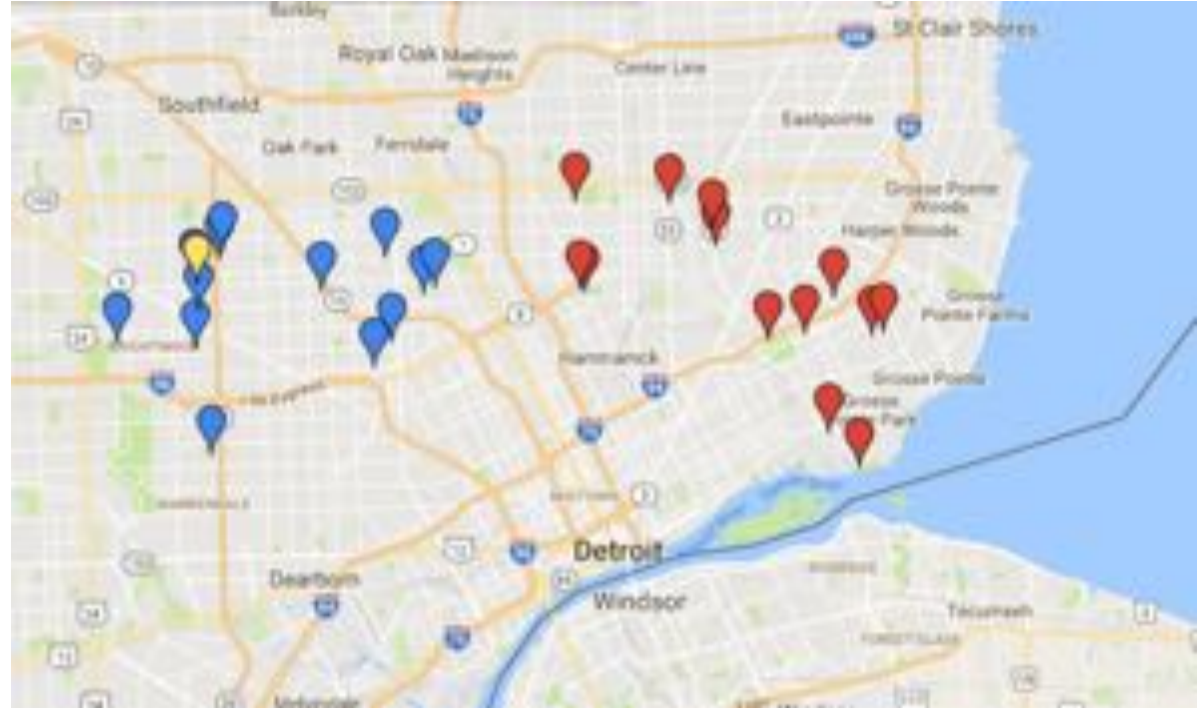
RAIN GARDENS TO THE RESCUE



Program Goals

- Educate and Involve Public
- Community Building
- Leadership Development
- Demonstrate
- Manage Stormwater/
Reduce Run-off
- Have fun!

RAIN GARDENS TO THE RESCUE



RAIN GARDENS TO THE RESCUE



NATIVE PLANT PRODUCTION





This collaboration of **Keep Growing Detroit**, **Sierra Club** and **Friends of The Rouge** educates and enables residents to build **rain**

<http://www.erbff.org/annual-report/videos/rain-gardens-to-the-rescue>



LEADERSHIP DEVELOPMENT

- Teachers
- Workshop Facilitation
- Installation Support



LESSONS LEARNED

- GI embraced as a practice
- Paradigm shift occurring
- Linking to Great Lakes



**3,654 NATIVE PLANTS
PRODUCED**

WITH MARKET VALUE OF \$10,962



**28 RAIN
GARDENS
PLANTED**

**KEEPING 5,510 GALLONS OF
WATER OUT OF THE STORM
DRAIN EVERY TIME IT RAINS**

**5,024
HOURS**

**OF TRAINING
& ENGAGEMENT**

**30 RAIN
BARRELS**

**8 WATER
COLLECTION &
IRRIGATION
STATIONS**

**REUSING 5,170
GALLONS**

QUESTIONS?

