

The NIH logo consists of the letters "NIH" in a bold, sans-serif font, enclosed within a white arrow-shaped graphic pointing to the right. The arrow has a slight 3D effect with a shadow.

NIH

National Institute of Environmental Health Sciences
Your Environment. Your Health.

Flint Environmental Career Worker Training Program

Michigan Educators Apprenticeship and Training Association

MEATA 2017 SPRING CONFERENCE



THE CENTER FOR CONSTRUCTION
RESEARCH AND TRAINING

FLINT ECWTP CONCEPT

CPWR Partners to Train 25 Flint Residents to Respond to Flint's Water Crisis



THE CENTER FOR CONSTRUCTION
RESEARCH AND TRAINING

ECWTP FLINT GRADUATES AND
DOL OA REGISTERED APPRENTICES



Anthony Jones Plumber & Pipefitter Apprentice MI WORKS! 2016 IMPACT AWARD WINNER



“[The training process] was very hands on,” said Anthony. “From the first week, we were out in the field, touring and being shown examples of the work we were preparing for. We were in the classroom for eight hours a day, but it was worth it.”

<http://gstmiworks.org/2017/02/22/making-an-impact/>

Genesee County Water Treatment Plant



Emily Williams

Refractory Bricklayer Apprentice



“I am a bricklayer. I make a difference. If it wasn’t for the training at ECWTP and effort put in by all of the training coordinators, I wouldn’t be where I’ve always wanted to be today. I

don’t have a job, instead I have a career. I can say I’m certified and experienced to go on a job site and do what I was trained to do. If not that, then better. I know safety hazards.

Chemicals, slips, trips, falls, confined spaces, oxygen levels, air hazards, how to lay the perfect brick, and how to carry myself as a trades woman.”

Perry Alexander

Plumbing & Pipefitting Apprentice



Replacing
Lead
Water
Lines in a
Flint
Residence

FLINT ECWTP COMPONENTS

- ▶ Flint Resident
- ▶ ACT WorkKeys Assessments (NCRC)
- ▶ Reliable Transportation
- ▶ Drivers License
- ▶ Oral Interview
- ▶ Orientation
- ▶ Stipends & Lunches Provided

FLINT ECWTP First Cycle

- ▶ PY August 1, 2015 – July 31, 2016
 - ▶ 47 individuals applied for 10 openings
 - ▶ 10 enrolled
 - ▶ 9 African American, 1 Displaced worker
 - ▶ 9 unemployed, 1 underemployed at program entry
 - ▶ 10 graduated
 - ▶ Thus far, 9 placed in union jobs in DOL OA Registered Apprenticeships with an average wage rate of \$19.33/hour

FLINT ECWTP Second Cycle

- ▶ PY August 1, 2016 – July 31, 2017
 - ▶ 70 individuals applied for 15 openings
 - ▶ 13 enrolled
 - ▶ 11 African American
 - ▶ 9 unemployed, 4 underemployed at program entry
 - ▶ 13 graduated
 - ▶ Thus far, 2 placed in union jobs in DOL OA Registered Apprenticeships with an average wage rate of \$19.80/hour and 1 as a Journeyworker at \$31.66/hour.

Environmental/Construction Hazards Training



- ▶ OSHA 30
- ▶ Hazardous Waste Worker
- ▶ Confined Space
- ▶ Lead Awareness
- ▶ Hazard Communication
- ▶ Disaster Response
- ▶ First Aid/CPR
- ▶ Total 122 Hours

Construction Skills Training

North American Building Trade Union (NABTU)

Multi-Craft Core Curriculum (MC3)

- Construction Industry Orientation
- Tools and Materials
- Construction Health & Safety
- Blueprint Reading
- Basic Math for Construction
- Heritage of the American Worker
- Diversity in the Construction Industry
- Green Construction
- Financial Literacy

Job Development / Job Search (Training Center Visits w/hands-on)

- ▶ Bricklayers & Allied Craftworkers Local 2
- ▶ Operating Engineers Local 324 in Howell
- ▶ Sheet Metal Workers Union Local 7 in Flint
- ▶ Laborers' Local 1075 in Perry
- ▶ Millwrights Local 1102 in Warren
- ▶ Carpenters Local 1004 in Mason
- ▶ IBEW Local 948 in Flint



ECWTP A RESPONSE TO FLINT'S WATER CRISIS

[Crisis in Flint Underscores a National Drinking Water Quality Problem](#)

Engineering News-Record

October 12, 2016 Article

www.enr.com

ECWTP FLINT HIGHLIGHTED AS A BEST PRACTICES WORKFORCE DEVELOPMENT MODEL



Apprenticeship Learning Network
Module 2



Thank you!

Howard Hipes

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Michigan BAC Training Center

Flint ECWTP Program Coordinator

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