



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
DRINKING WATER AND ENVIRONMENTAL HEALTH DIVISION

**2019 WATER SUPPLY CROSS CONNECTION REPORT**

*Issued under authority of 1976 PA 399, as amended, MCL 325.1001 et seq., and its administrative rules.  
Failure to submit this form is a violation of the Act and may subject the water supply to enforcement actions.*

Return the completed form by March 31, 2020, to the appropriate Department of Environment, Great Lakes, and Energy (EGLE) district office to comply with administrative Rule R 325.11405 that states "a water utility shall report annually to the department on the status of the cross connection control program on a form provided by the department." For district office addresses, visit [Michigan.gov/CommunityWater](http://Michigan.gov/CommunityWater) and then click on *District Offices Map and Contact Information*.

WSSN: 5830

A. Name of water system: City of Royal Oak County: Oakland

B. Year that the current written cross connection control program was approved by EGLE: 2015

C. Total number of industrial, commercial, institutional, residential, and governmental accounts that must be routinely reinspected for cross connections: 24006

Of this number,

- How many are High Hazard accounts: 55 Frequency of Reinspection: Once per: 12 Mon

- How many are Low Hazard accounts: 4063 Frequency of Reinspection: Once per: 60/120 Mon

D. Number of accounts from line "C" that received an initial inspection in 2019: 2140

E. Total number of reinspections required and completed in 2019 based on degree of hazard:

- High hazard reinspections required: 55 High hazard reinspections completed: 60

- Low hazard reinspections required: 315 Low hazard reinspections completed: 446

F. Number of accounts where a cross connection(s) was found to exist during inspections or reinspections in 2019: 297

G. Number of accounts from line "F" where corrective actions have been completed: 110

H. Total number of accounts from line "C" which are now in compliance with the local cross connection control program; H = C - (F - G): 3574

I. Total number of backflow prevention devices in system requiring testing: 1372

J. Number of backflow prevention devices tested in 2019: 871

Outline briefly any changes or significant findings since last reporting. Use additional sheets if necessary.

Narrative Description of Program:

Name: Aaron Filipski

Title: Director, Public Services & Recreation Date: 2-26-2020

## 2019 Water Supply Cross Connection Report Notes

### City of Royal Oak

#### Non-residential water customers:

- 1311 water customers:
  - \* 1310 of 1311 water customers have been inspected.
  - \* 25 of 1310 water customers inspected received their initial inspection in 2019.
  - \* 1054 of 1310 water customers inspected are compliant.
  - \* 138 of 1310 water customers inspected are not compliant.
  - \* 118 of 1310 water customers inspected have been identified as vacant buildings.
- High Hazard water customers:
  - \* 55 of 55 water customers were inspected in 2019.
  - \* 0 of 55 water customers received their initial inspection in 2019.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 12 months.
  - \* 794 of 961 assemblies were tested in 2019.
  - \* Assemblies not tested are either in the notification process or are seasonal assemblies. identified after the system was winterized and are scheduled for May 2020.
- Approximately 350 non-residential inspections will be completed in 2020.

#### Residential water customers:

- 22695 water customers:
  - \* 2808 of 22695 water customers have been inspected.
  - \* 2115 of 2808 water customers inspected received their initial inspection in 2019.
  - \* 2520 of 2808 water customers inspected are compliant.
  - \* 285 of 2808 water customers inspected are not compliant.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 60 months.
  - \* 77 of 411 assemblies were tested in 2019.
- Approximately 2250 residential inspections will be completed in 2020.