



### 2018 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, 2019 to the appropriate Department of Environmental Quality (DEQ) 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 [www.michigan.gov/deq](http://www.michigan.gov/deq) and click on Locations.

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 DEQ: 2015

C. Total number of industrial, commercial, institutional, residential, and governmental accounts that must be routinely reinspected for cross connections: 24022

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

- How many are Low Hazard accounts: 1937 Frequency of Reinspection: Once per: 60/120 Mon

D. Number of accounts from line "C" that received an initial inspection in 2018: 695

E. Total number of reinspections required and completed in 2018 based on degree of hazard:

- High hazard reinspections required: 55 High hazard reinspections completed: 71

- Low hazard reinspections required: 248 Low hazard reinspections completed: 433

F. Number of accounts where a cross connection(s) was found to exist during inspections or reinspections in 2018: 117

G. Number of accounts from line "F" where corrective actions have been completed: 20

H. Total number of accounts from line "C" which are now in compliance with the local cross connection control program; H = C - (F - G): 1656

I. Total number of backflow prevention devices in system requiring testing: 1043

J. Number of backflow prevention devices tested in 2018: 754

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

Narrative Description of Program:

Name: GREG RASSEL *Greg Raschel*

Title: DIRECTOR PUBLIC SERVICES Date: 2/22/19

## 2018 Water Supply Cross Connection Report Notes

### City of Royal Oak

#### Non-residential water customers:

- 1301 water customers:
  - \* 1299 of 1301 water customers have been inspected.
  - \* 2 of 1299 water customers inspected received their initial inspection in 2018.
  - \* 1044 of 1299 water customers inspected are compliant.
  - \* 134 of 1299 water customers inspected are not compliant.
  - \* 121 of 1299 water customers inspected have been identified as vacant buildings.
- High Hazard water customers:
  - \* 55 of 55 water customers were inspected in 2018.
  - \* 0 of 55 water customers received their initial inspection in 2018.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 12 months.
  - \* 751 of 946 assemblies were tested in 2018.
  - \* Assemblies not tested are either in the notification process or are seasonal assemblies. identified after the system was winterized and are scheduled for May 2019.
- Approximately 350 non-residential inspections will be completed in 2019.

#### Residential water customers:

- 22721 water customers:
  - \* 693 of 22721 water customers have been inspected.
  - \* 693 of 693 water customers inspected received their initial inspection in 2018.
  - \* 612 of 693 water customers inspected are compliant.
  - \* 81 of 693 water customers inspected are not compliant.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 60 months.
  - \* 3 of 97 assemblies were tested in 2018.
- Approximately 2250 residential inspections will be completed in 2019.