



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

**2020 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, 2021, 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 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: 23983

Of this number,

- How many are High Hazard accounts: 54 Frequency of Reinspection: Once per: 12 Mon

- How many are Low Hazard accounts: 6187 Frequency of Reinspection: Once per: 60/120 Mon

D. Number of accounts from line "C" that received an initial inspection in 2020: 2132

E. Total number of reinspections required and completed in 2020 based on degree of hazard:

- High hazard reinspections required: 54 High hazard reinspections completed: 45

- Low hazard reinspections required: 529 Low hazard reinspections completed: 467

F. Number of accounts where a cross connection(s) was found to exist during inspections or reinspections in 2020: 336

G. Number of accounts from line "F" where corrective actions have been completed: 76

H. Total number of accounts from line "C" which are now in compliance with the local cross connection control program; H = C - (F - G): 5395

I. Total number of backflow prevention devices in system requiring testing: 1622

J. Number of backflow prevention devices tested in 2020: 811

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

**Narrative Description of Program:**

Due to health concerns & shutdowns caused by COVID-19, some high hazard and medical-related water customers were not inspected in 2020.

Name: 

Title: Director, DPS

Date: 3-3-2021

## 2020 Water Supply Cross Connection Report Notes

### City of Royal Oak

#### Non-residential water customers:

- 1,319 water customers:
  - \* 1,319 of 1,319 water customers have been inspected.
  - \* 16 of 1,319 water customers inspected received their initial inspection in 2020.
  - \* 1,004 of 1,319 water customers inspected are compliant.
  - \* 184 of 1,319 water customers inspected are not compliant.
  - \* 131 of 1,319 water customers inspected have been identified as vacant buildings.
- High Hazard water customers:
  - \* 44 of 54 water customers were inspected in 2020.
  - \* 0 of 54 water customers received their initial inspection in 2020.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 12 months.
  - \* 612 of 969 assemblies were tested in 2020.
  - \* Assemblies not tested are either in the notification process or are seasonal assemblies. identified after the system was winterized and are scheduled for May 2021.
- Approximately 350 non-residential inspections will be completed in 2021.

#### Residential water customers:

- 22,664 water customers:
  - \* 4,922 of 22,664 water customers have been inspected.
  - \* 2,116 of 4,922 water customers inspected received their initial inspection in 2020.
  - \* 4,391 of 4,922 water customers inspected are compliant.
  - \* 525 of 4,922 water customers inspected are not compliant.
  - \* 5 of 4,922 water customers inspected are vacant.
- Testable Backflow Prevention Assemblies
  - \* All testable assemblies are required to be tested once every 60 months.
  - \* 199 of 653 assemblies were tested in 2020.
- Approximately 2250 residential inspections will be completed in 2021.