



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 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 Rassel*
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.