



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE  
**2012 WATER SUPPLY CROSS CONNECTION REPORT**

Issued under authority of 1976 PA 399, as amended, and the administrative rules.  
Failure to submit this form is a violation of the Act and may subject the water supply to enforcement penalties.

Administrative Rule R 325.11405 states in part that "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." Return the completed form by March 31, 2013 to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit [www.michigan.gov/deq](http://www.michigan.gov/deq) and click on Contacts.

WSSN: 5830

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

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

C. Total number of industrial, commercial, institutional, residential, and governmental accounts that must be routinely reinspected for cross connections: 874  
Of this number,  
- How many are High Hazard accounts: 25 Frequency of Reinspection: Once per 1 Year  
- How many are Low Hazard accounts: 246 Frequency of Reinspection: Once per: 5 Years

D. Number of accounts from "C" above that received their initial inspection in 2012: 271

E. Total number of reinspections required and completed in 2012 based on degree of hazard:  
- High hazard reinspections required: 25 High hazard reinspections completed: 0  
- Low hazard reinspections required: 50 Low hazard reinspections completed: 4

F. Number of accounts where a cross connection(s) was found to exist during inspections or reinspections in 2012: 112

G. Number of accounts from "F" above where corrective actions have been completed: 3

H. Total number of accounts from "C" above which are now in compliance with the local cross connection control program; H = C - (F - G): 148

I. Total number of backflow prevention devices in system requiring testing: 241

J. Number of backflow prevention devices tested in 2012: 33

Narrative Description of Program

(Outline briefly any changes or significant findings since last reporting; use additional sheets if necessary.)

Name: Jeff Piera 

Title: Water Supervisor Date: 3-12-13

## 2012 Water Supply Cross Connection Report Notes

- **Testable Backflow Prevention Assemblies**
  - All testable assemblies are tested on an annual basis.
  - 33 of 241 assemblies were tested in 2012. All assemblies not tested are either in the notification process or are seasonal assemblies identified after the system was winterized and are scheduled for May 2013.
  - Test notices for lawn sprinkler system / seasonal assemblies are issued in May.
- Approximately 750 inspections will be completed in 2013.
- 2012 was the first year Hydro Designs has been involved with the City of Royal Oak's CCC Program.
  - Initial inspections were completed by Hydro Designs in October 2012.
  - Hydro Designs completed 271 initial inspections
  - Hydro Designs is in the process of compiling an accurate data base and the total number of accounts (874) reported on line C is what we have input to date. It is expected that this number will increase in 2013 as we validate data received from the City.
- 874 total accounts:
  - 271 of 874 accounts have been inspected.
  - 148 of 271 accounts inspected are in-compliance; the remaining 123 facilities are going through the notification process or are vacant buildings
  - 14 vacant buildings have been identified. We have not been able to access these facilities to verify compliance.
  - 23 High Hazard accounts received initial inspections in 2012. These accounts will receive re-inspections in 2013.