



**2019 WATER SUPPLY CROSS CONNECTION REPORT
FOR SYSTEMS SERVING ONLY RESIDENTIAL ACCOUNTS**

*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 325.11404 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: _____

A. Name of water system: _____ County: _____

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

C. Number of living units connected to the water system: _____

D. Number of other types of units connected to the water system: _____

E. Number of units in lines C and D that were inspected for cross connections in 2019: _____

F. Number of units in line E where a cross connection(s) was found to exist in 2019: _____

G. Number of units from line F where corrective actions have been completed: _____

H. Answer the following questions:

| Are any of the following connected to the system? | Yes | No | If yes, how is each protected? (AG, AVB, DCVA, HBVB, NP, PVB, RPZ, SC, VDCV) List all that apply. |
|---|--------------------------|--------------------------|---|
| Lawn irrigation/sprinkler systems | <input type="checkbox"/> | <input type="checkbox"/> | |
| Fire suppression/sprinkler systems | <input type="checkbox"/> | <input type="checkbox"/> | |
| Swimming pools or hot tubs | <input type="checkbox"/> | <input type="checkbox"/> | |
| Private wells or other sources of water | <input type="checkbox"/> | <input type="checkbox"/> | |
| Boiler (make-up) water connections | <input type="checkbox"/> | <input type="checkbox"/> | |
| Water to air conditioners or heat pumps | <input type="checkbox"/> | <input type="checkbox"/> | |
| Water assisted sump pumps | <input type="checkbox"/> | <input type="checkbox"/> | |
| Water softeners or other water treatment | <input type="checkbox"/> | <input type="checkbox"/> | |
| Outside hose spigots | <input type="checkbox"/> | <input type="checkbox"/> | |
| Fire hydrants or flushing standpipes | <input type="checkbox"/> | <input type="checkbox"/> | |
| Other | <input type="checkbox"/> | <input type="checkbox"/> | |

I. Total number of testable backflow preventers in system: _____

J. Number of backflow preventers tested in 2019: _____

Narrative Description of Program: Outline briefly any changes or significant findings since last reporting. Use additional sheets if necessary.

Name: _____ Title: _____ Date: _____

**Instructions for completing the Water Supply Cross Connection
 Report for Systems Serving Only Residential Accounts**

Definitions:

Inspection: A visual inspection of a living unit, room, building, or any area where plumbing is present to determine whether the potential for a cross connection exists.

Backflow preventer testing: Certain types of backflow preventers must be tested periodically to ensure that they are in good working order. The test consists of a certified or approved tester connecting the backflow preventer to a test kit, and through a known testing process determines whether the assembly is functioning properly (pass) or is in need of repair (fail).

AG = Air Gap, **AVB** = Atmospheric Vacuum Breaker, **DCVA** = Double Check Valve Assembly, **HBVB** = Hose Bib Vacuum Breaker, **NP** = No Protection, **PVB** = Pressure Vacuum Breaker, **RPZ** = Reduced Pressure Principle Backflow Preventer, **SC** = Single Check, **VDCV** = Vented Dual Check Valve

- A. This is basic information about the water system.
- B. State the year the formal cross connection control program was approved by EGLE.
- C. This is the number of living units, such as apartments, homes, condominiums, or manufactured houses that are connected to the public water system.
- D. This is the number of other types of units, rooms, or areas on the premises that are connected to the public water system that are not counted in C above. Examples are storage units, laundry facilities, heating/AC rooms, water treatment facility areas, etc.
- E. This is the total number of units, rooms and areas in C and D that were visually inspected for cross connections during the year.
- F. This is the number of units in E where cross connections were found during the inspection process.
- G. This is the number of cross connections found in F that have been eliminated or a backflow preventer has been properly installed.
- H. Answer yes or no to each question. If yes, state how the items are protected from backflow. For acceptable corrective items, see the 4th Edition of EGLE's *Cross Connection Rules Manual*.
- I. This is the total number of testable backflow preventers installed on the premises. This includes RPZ assemblies, DCVA, and PRV.
- J. Testable assemblies need to be tested upon installation, after a repair or relocation, or at the frequency specified in the approved program. Only certified or approved persons can test the assemblies.

Narrative Description of Program: Any pertinent information, such as systemwide public education activities, loss of accounts due to facility closure or change of owner/tenant, significant enforcement, etc., should be included in this section.