

Irrigation Systems and Second Water Meters

PROJECT GUIDE



LAWN IRRIGATION SYSTEMS

Many homeowners wish to install lawn sprinklers or lawn irrigation systems to water their grass. The city offers a second meter or a Sewer Deduct Meter which can be purchased from the Public Utilities Division. The meter will only monitor the water usage for the irrigation system and outside faucets without the sewer charges that are standard on your utility bill. Please call the Public Utilities Division at (440) 490-2049 for meter cost. All applicants making connections to the city water system for a lawn irrigation system shall comply with the following provisions:

- **Engineering Permit.** A permit is required from the Engineering Division for both the second meter (if to be installed) and the lawn irrigation system. No lawn irrigation system permit will be issued for a new home until the final grade has been approved.
- The city water supply to the lawn irrigation system shall be protected by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker or a reduced pressure principal backflow preventer.
- A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the city water supply shall be protected against backflow by a reduced pressure principal backflow preventer.
- If the irrigation system is to be installed in the right-of-way or in an easement, the irrigation system will NOT be repaired or replaced by the city of North Ridgeville should the city have to service the easement or right-of-way.

TESTING AND INSPECTIONS

- Inspections for a second water meter are required when the piping is ready and before the meter can be installed. A final inspection is required for an irrigation system.
- Backflow prevention assemblies shall be tested by a certified backflow tester at the time of installation, immediately after repairs are made or the device is relocated and annually. Backflow test reports are required to be provided to the Engineering Division before or at the final inspection and every year by June 15. Failure to provide the test report at inspection will result in a FAILED inspection.

GENERAL INFORMATION AND ACKNOWLEDGEMENT

Construction site address

Permanent parcel number

Contractor

Contractor address

Contractor phone

Contractor email

Property owner

Property owner address

Property owner phone

Property owner email

Signing below confirms your acknowledgement of the lawn irrigation installation, inspection and maintenance procedures.

Property Owner's Signature: _____ Date _____

Contractor's Signature: _____ Date _____

