

## Non-Potable Irrigation Water: Owner Guide

The Metro District provides non-potable irrigation water to the community. The water rate structure generally includes an annual base rate/capital fee plus a water service fee per 1,000 gallons of water actually used. Water consumption is calculated and billed in accordance with the water meter reading. Rates and fees are established by the Board of Directors.

Non-potable irrigation water is available from mid-April to mid-October each season, weather dependent. Water use limitations, system shutdowns due to rain events, and routine irrigation system maintenance may occur throughout the season.

### **What is the Metropolitan District's Responsibility?**

- Activates and deactivates (winterizes) irrigation water from the main supply lines.
  - *Prior to irrigation activation, maintenance crews test and chlorinate the main water supply lines. This chlorination process removes algae, snails, and build-up from the lake water.*
  - *The Metro District is not responsible for lawn or system damage caused by an open water meter valve. Failure to properly close the meter valve at the end of the season may result in fines or irrigation-related issues in the spring.*
  - *Due to seasonal system maintenance and new construction projects, the District may keep the main irrigation water supply activated after residential water has been deactivated in the fall. Residential watering is not permitted or available during this time.*
- Promotes water use efficiency. Irrigation water is not available with heavy rainfall.
  - *A "Water Conservation Shut Down" may occur and is a management tool used to save irrigation water after rain events. Irrigation pumps are shut off for up to 2 days when the community receives between .5 and .75 inches of rain and shut off for 2 or 3 days when rainfall totals exceed .75 inches and the soil is saturated.*
- Manages the curb stop valve, water meters and endpoint units.
  - *The curb stop should be exposed and used only by Metro District staff.*
  - *The non-potable water meter tracks usage and possible leaks in your system.*
- Establishes rules, rates and parameters for water use, per the Board of Directors.

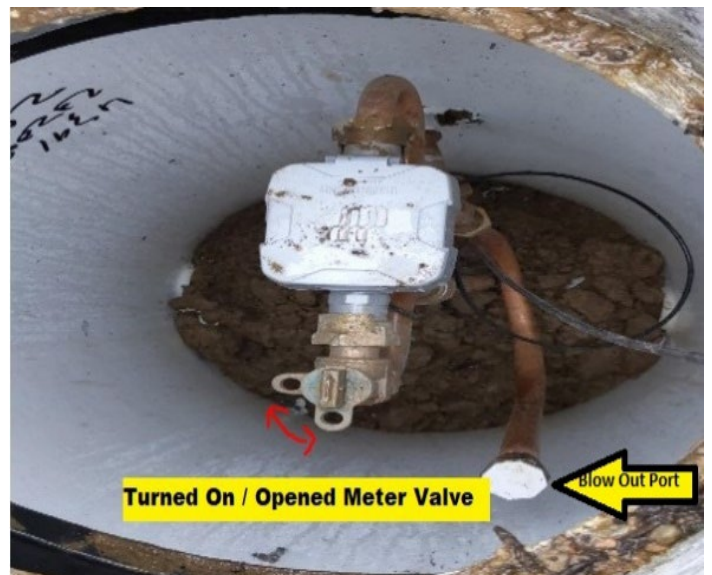
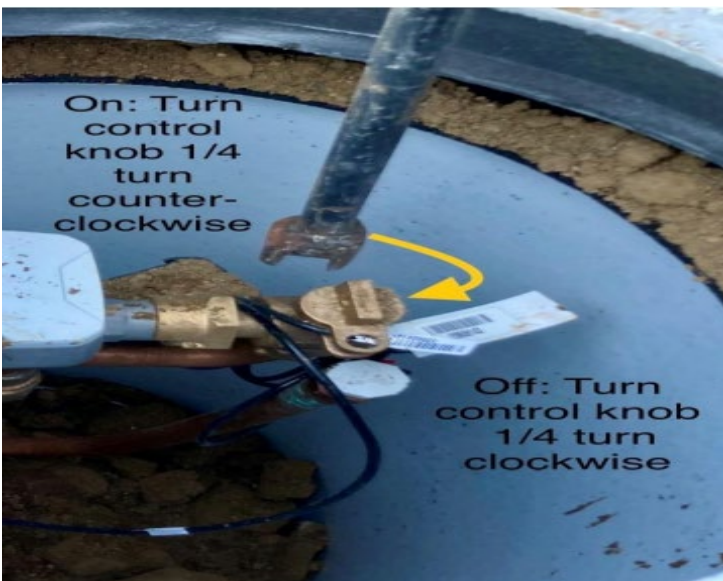
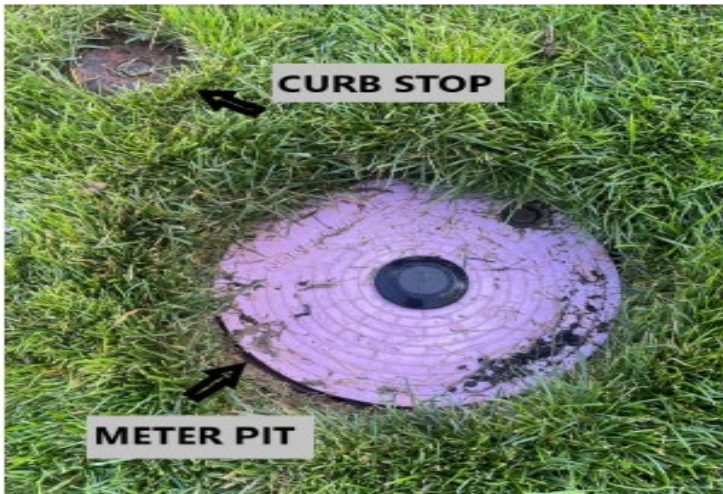
### **What is the Property Owner's Responsibility?**

- Activates and deactivates (winterizes) the irrigation system on owner property, programs irrigation clocks to approved watering days and times and monitors for appropriate usage. Owners should always avoid overwatering.
- Turns the meter valve **ON** and **OFF** at the beginning and end of the irrigation season.
  - *Hand valve is located within the meter pit in the back yard – see below.*
  - *Opening the hand valve allows for water to enter your property from the main supply line.*
  - *Closing the hand valve restricts water flow to your property from the main supply line.*
  - *The Metro District will notify owners via email when it's time to open or close the meter valve.*
- Repairs any irrigation issues on the property - broken heads, leaks, clogged lines, broken nozzles, etc.
  - *Contact the Metro District if your meter is not working or if there is a main supply line issue. Otherwise, owners are encouraged to contact an irrigation professional to troubleshoot irrigation system issues.*

Please email [clientservices@advancehoa.com](mailto:clientservices@advancehoa.com) with questions

## How to Turn Meter Valve ON/OFF

1. Meter pit is located in the back yard of each home.
2. Open the lid nut with a pair of pliers or a meter key and remove the plastic insert.
3. The meter valve is a gold/copper knob located next to the meter – turn it to open or close the meter valve.
4. The blow-out port is located within the meter pit. This is where owners should blow out their system at the end of the irrigation season.
  - Remove and replace the white blow out port cap if needed.



### Meter Key

If you have an interest in purchasing a pentagon meter key, rather than using a pair of pliers or vice grips, you can find meter keys at Home Depot, Amazon or an irrigation supply store.

JONES STEPHENS  
3-1/2 In. Steel Curb Box Wrench for Pentagon Curb Boxes  
★★★★☆ 4/5 Questions & Answers (1)



## How to Turn Irrigation Valves ON/OFF

*(Valve boxes are owner's property)*

Check your sprinkler valves within the rectangular boxes to ensure they are ON/OFF as needed. The main water supply will not be available unless all valves are open (within valve boxes and within the meter pit)



If the above steps have been followed and you still do not have water from the main supply line during the irrigation season, please email [clientservices@advancehoa.com](mailto:clientservices@advancehoa.com) or contact an irrigation professional.

Include the following information:

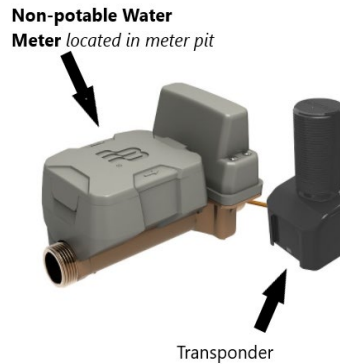
- Property address
- Photo of the meter valve in the **ON** position
- Photos of inside each sprinkler valve box with all valves in the **ON** position



## How to Track Non-Potable Water Meter Usage per Meter Reading

If a non-potable irrigation water meter has been installed on your property, you are able to monitor usage per the digital reading on the meter. This will help you track how much water is being used throughout the season.

- The non-potable irrigation water meter is located within the meter pit, typically found in the back yard. You may need pliers or another tool to help open the lid.



- The meter's digital reading tracks how many gallons of water passes through the meter. You may consider taking a picture of this number at the beginning of each season.



- The Endpoint is connected to the meter and sends the usage data to our meter reading software.

