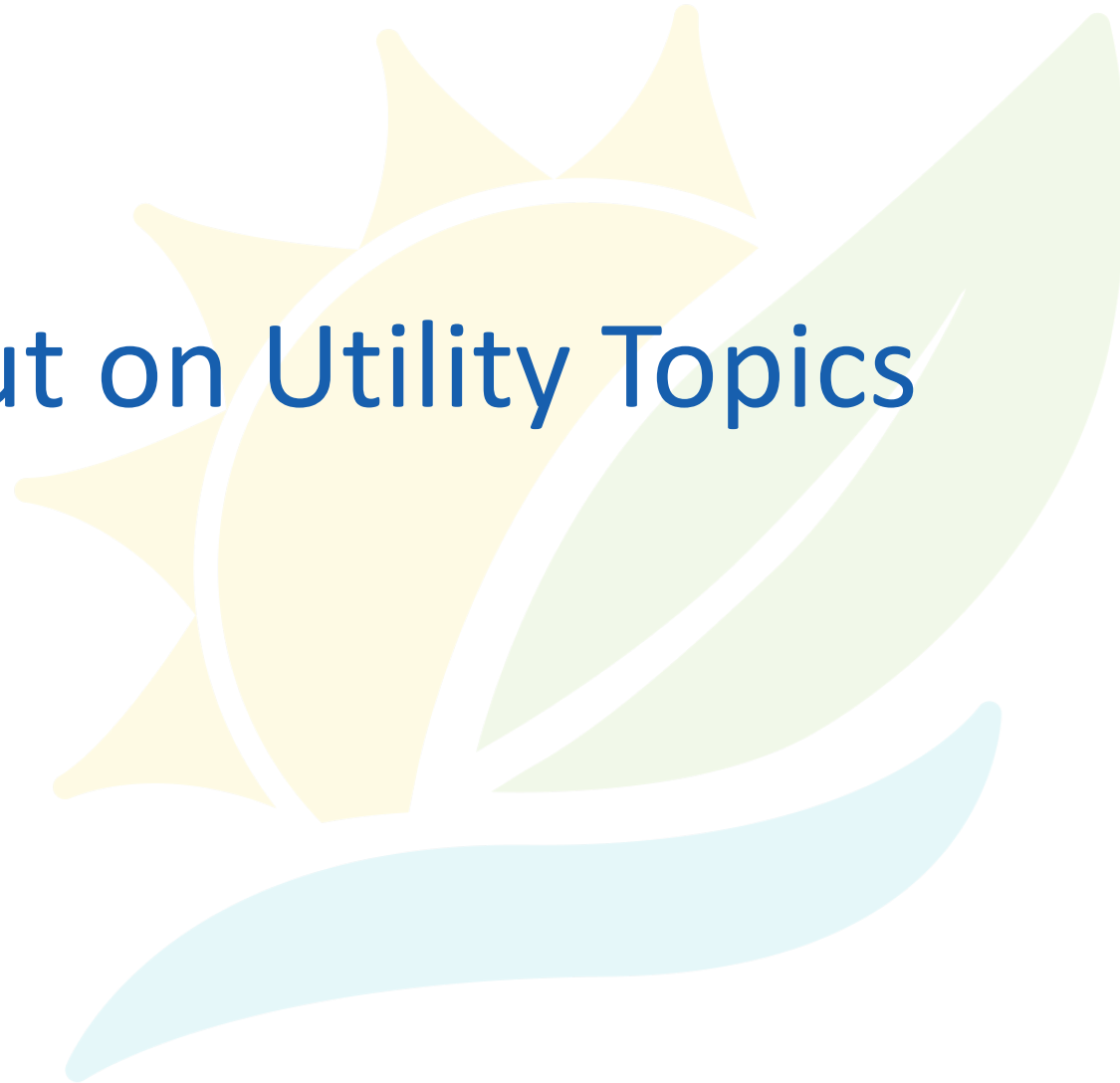


Board Input on Utility Topics



Oct. 15, 2024



CHARLOTTE COUNTY
FLORIDA

Agenda

- Burnt Store WRF—Design, Bid, Build or Construction Manager at Risk
- Cross-Connection Program
- Peace River Letter of Support Request



Burnt Store WRF Design, Bid, Build or Construction Manager at Risk



Burnt Store WRF – Design, Bid, Build or CMAR

- Recommendation on Design, Bid, Build or CMAR
- Increase capacity .5 to 1 MGD
- Major Permit Modification
- Estimated design: 6 months

A large, stylized graphic in the background features a yellow sun with rays on the left, a green leaf on the right, and a light blue wave-like shape at the bottom. The sun and leaf are partially overlapping.

Cross-Connection Program



Cross-Connection Program - WHY

A cross-connection program, designed to prevent contamination of drinking water by ensuring proper connections between water supply systems and other systems (i.e., irrigation –well or reclaimed), has several advantages:

- **Prevents Contamination:** Ensures that potentially polluted water from other sources cannot mix with clean drinking water.
- **Protects Public Health:** Reduces the risk of waterborne diseases and health hazards.
- **Regulatory Compliance:** Local, state, and federal regulations related to water safety and public health.

Cross-Connection Program – WHY (Cont.)

- **System Reliability:** Prevent unexpected contamination events, enhancing the reliability of the water supply.
- **Cost Savings:** Utility savings by reducing the need for expensive treatment and remediation processes.
- **Community Trust:** Demonstrates a commitment to public health and safety.

Cross-Connection Program – Testing Responsibility

Utilities Department is seeking Board direction on annual testing responsibility for backflow devices.

Neighboring municipalities programs:

- City of North Port:
 - 3/24/2020, City Commission approved Ordinance 2020-02, amending City Code Section 78-129 to eliminate the residential “ opt-in” program. This program permitted the customers to appoint the City as their agent for the purposes of completing the resting, installation, repair and replacement requirements. The property owners are now required to hire their own licensed plumber who is certified in backflow device testing to comply with the testing requirements and submit by their due date. The City of North Port notifies the customers 60 days prior to their testing due date.
 - Residential Single Family does biennial testing, Commercial and Multi-Family does annual testing.
 - Refusal of inspection can result in discontinue of water service and charge a noncompliance fee.
- Englewood Water District:
 - The customer is responsible for the installation, testing and repairs of the backflow.
 - Residential are tested biennially and nonresidential are tested annually.
 - Refusal to comply can result in termination of the potable water service to the property.

Cross-Connection Program – Testing Responsibility (Cont.)

- City of Venice:
 - As of 10/1/2018, The City of Venice Utilities Department is responsible for the backflow prevention assembly or device installation, maintenance, repair, replacement and testing (excluding backflows on fire protection systems or new construction).
 - The City of Venice shall test residential backflow prevention assemblies biennially (once every two years) and commercial backflows annually (every 12 calendar months).
 - Refusal to comply may result in discontinuation of utility services. The Building Official and Sarasota County of Health Department is notified of this action and the site will be condemned for inhabitable occupancy. Financial penalties will be assessed to the property for the cost of removing the water meter and plugging the sanitary sewer service.
- Sarasota County:
 - The customer is responsible for installation, operate, maintain, test and or replace approved backflow preventers as directed.
 - Residential assemblies get tested biennially and non-residential are tested annually.
 - Refusal to comply will result in discontinued services and the Department of Health may be notified.

Cross-Connection Program – Testing Responsibility (Cont.)

- Lee County Utilities:
 - The customer is responsible for the following: Installation, maintenance, repairs, testing and reporting. LCU notifies the customers 30 days in advance of the required testing due date.
 - Residential is tested biennially. Non-residential is tested annually.
 - Refusal to allow inspection can result in discontinue of water service and constitute a violation of this policy.

Cross-Connection Program – Pros and Cons of CCU Responsibility

Pros:

- Utility Control of Program and Adherence
- Scheduling
- Standardized Equipment

Cons:

- Cost to Implement
- Staffing
- Outsourcing
- Maintenance Issues
- Maintenance Backlog
- Water Loss
- Billing



Peace River Letter Request



Peace River Letter of Support Request

- Direction on letter of support for Babcock WUP
 - Timing: Agenda item request for the December Peace River Manasota Regional Water Supply meeting