

Water Use Permitting & Reclaimed Water

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Water Use Regulation
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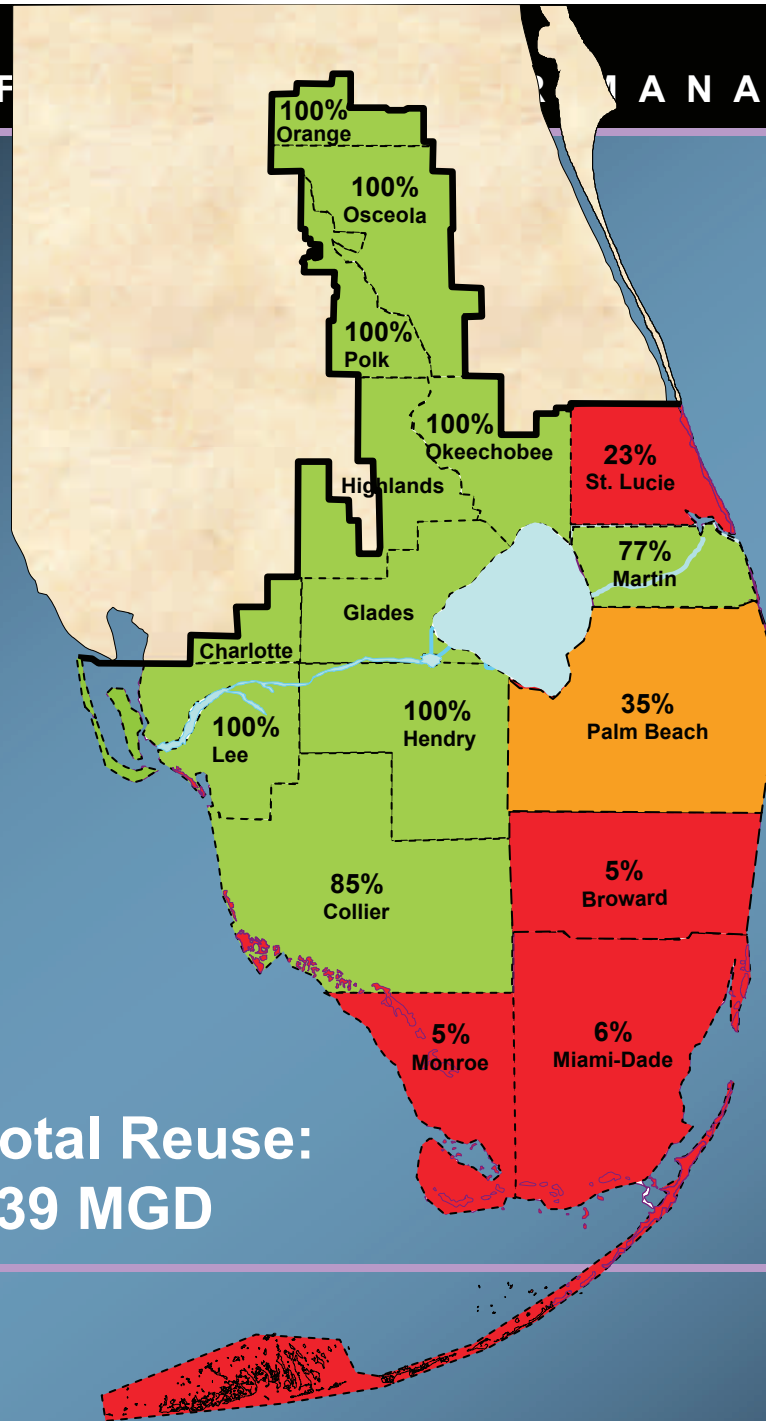
sfwmd.gov

Reclaimed Water Utilization by County (2007)

Total Reuse:
239 MGD

Percent of Reclaimed used

- 75% - 100%
- 50% - 74%
- 25% - 49%
- 0% - 24%



Presentation Summary

- Application review process
- End-user feasibility analysis
- Permit issuance

End-User Application Submittal

- Projects using more than 3 million gallons per month must make use of reclaimed water source, unless applicant demonstrates not feasible (Rule 40E-20.301, FAC)
- If feasibility not adequately addressed in initial application, information requested in 30-day letter

30-Day Letter

Standard question to End-user:

- Documentation from utility (letter) regarding the availability of reclaimed water and timelines for delivery
- Evaluation of the feasibility of utilizing reclaimed water

Utility Response

Letter from Utility:

- Opportunity to provide input on technical feasibility and utility cost information
- Typical response: utility has quantities available and a distribution line nearby
- Response should provide details: distribution line proximity, available quantities, hook-up costs and cost per 1,000 gal.
- Local Ordinance - Chapters 125/180 F.S. requires user to take reclaimed in Mandatory Reuse Zones and forestalls end-user feasibility

Utility Response (cont.)

Mandatory Reuse Zone (MRZ):

- End-user feasibility analysis is not conducted if project is within MRZ
- If reclaimed supplies unavailable, water allocated from traditional sources with Limiting Condition requiring use of reclaimed when it becomes available
- Coordinate with District when delineating MRZ for potential “offset” areas

End-User Feasibility

- **Environmental Feasibility:** FDEP permitted utility's WWTP for reuse
- **Technical Feasibility:** distribution line at property boundary and uncommitted supplies available
- **Economic Feasibility:** end-user determines costs and feasibility

Economic Feasibility

- Costs of reclaimed:
 - Pump/distribution/storage
 - Monthly rates
 - Risk of loss of reclaimed supply
- Costs of traditional source:
 - Pump/distribution
 - Operational costs - fertilizer, power, maintenance
 - Alteration in rates charged for business (ex. golf cart rate increase)

End-User Permit Issuance

Reclaimed unavailable at issuance:

- All permits greater than 3 MGM have specific Limiting Conditions
- LC requires permit modification if reclaimed becomes supply source
- LC requires updates at 5 year intervals

Utility Permit Issuance

Annual updates required per LC:

- Reclaimed water distribution system status – location & capacity of lines
- Summary of uncommitted supplies for next year
- Copies of new or amended Mandatory Reuse Zone ordinances
- List of active end-users & contracted amounts

Summary

Utility opportunities for input:

- Letter to end-user regarding availability
- Throughout permitting process
 - Tracked through e-permitting
 - Coordination with application reviewer
- Draft staff report prior to permit issuance
- Utility notify District when new supplies become available



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To find information based on geographical information or a property address, you can go to Florida's Water Management Districts Permitting Portal and click on the "Where is my permit?". To go to Florida's Water Management Permitting Portal, [click here](#).


- For detailed instructions see [Instructions](#).
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- Click the  for description corresponding to each field.
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- * = Required


Issuing Agency: SFWMD * 


Permit Type: ALL * 


Status: Applications (Pending) * 


Application #: 


Permit #: 


Project Name: 


Company Name: 


Last Name: 

County: ALL * 

Land Use: ALL 

Township: 

Range: 

From Date: 01 - JAN - 1965 (DD-MON-YYYY) 

To Date: 23 - APR - 2009 (DD-MON-YYYY) 