

BITHLO COMMUNITY WATER

Utilities Department

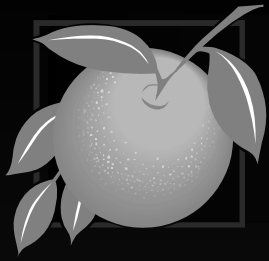
**Orange County
Board of County Commissioners**

December 18, 2012



Presentation Outline

- **Background**
- **A to Z Update**
- **Water Quality Update**
- **Water Supply Analysis**
- **Opportunities for Project Cost Reduction and Financing**
- **Official Ballot**
- **Board Direction**



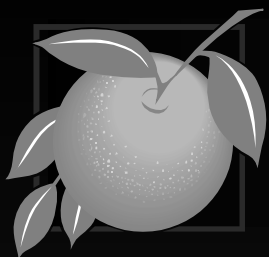
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Background

- **Community meeting December 1, 2011**
- **Committed to:**
 - **Free water quality sampling & analysis**
 - **Further analysis and discussion of a potential water supply project**
 - **Subsequent community meeting**



Background

- Community meeting
May 2, 2012
 - Update on WQ testing results
 - Maintenance of private water treatment systems
 - More information on potential water supply project



Bithlo Community Meeting
Wednesday, May 2, 2012 ~ 6:00pm
East River High School
654 Columbia School Road
Orlando, FL 32833

Please join District 5 Commissioner Ted B. Edwards, various Orange County departments, and YOUR neighbors at an important community meeting.

The purpose of this meeting is to inform you of a number of projects occurring in your community, provide a report on water sampling results, present an education program on how to maintain your well and to follow up the discussion about bringing public water to the Bithlo area. For more information, please contact the Neighborhood Preservation & Revitalization Office at 407-836-5606.

BUSQUE ALGUIEN QUE LE TRADUZCA. PARA MAS INFORMACIÓN FAVOR DE LLAMAR
A NEIGHBORHOOD PRESERVATION & REVITALIZATION DIVISION AL (407) 836-5606.



Orange County District 5
Commissioner Ted B. Edwards

If any person with a disability as defined by the ADA needs special accommodation to participate in this meeting, then not later than two (2) business days prior to the proceeding, he or she should contact the Orange County Neighborhood Preservation & Revitalization Division at (407) 836-5606.



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A to Z Recycling & Salvage Facility

Location





A to Z Recycling and Salvage Facility



Aerial Photo
Mid – 1990s
Operational





A to Z Recycling & Salvage Facility



Recent
Aerial

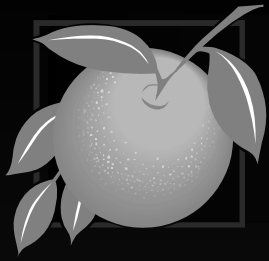




A to Z Recycling & Salvage Facility

Next Steps

- November 2012 to February 2013 - current owner to negotiate Brownfield Site Rehabilitation Initiation Agreement with FDEP makes eligible to obtain the financial incentives for Brownfield redevelopment.
- February 2013 - 2nd public hearing for Brownfield Designation.



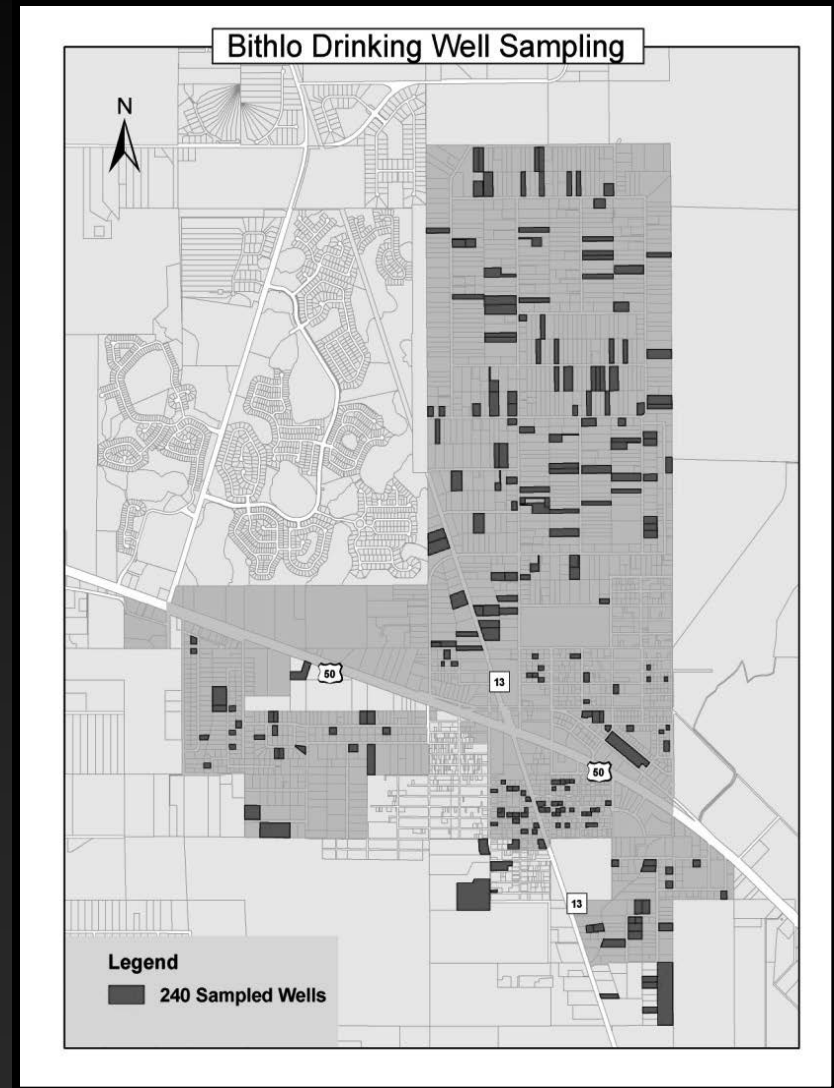
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Water Quality Update

- 240 wells were sampled representing 269 homes
- Measured results using EPA standards for public drinking water systems





Water Quality Update

- **Primary Standards**
Benzene, TCE
Sodium, Lead
Trihalomethanes
- **Secondary Standards**
Al, Iron, Mg, Zn



Next Step: Well Education Program - 49 well owners



Water Supply Analysis

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Water Supply Analysis

- 2000 Bithlo Water System Study
- Updated study for 2012 costs and connection information





Water Supply Analysis

- **Parcels**
 - **1,895 residential**
 - **115 commercial**
- **38 miles of new pipe**
- **Estimated cost \$20.5M**
- **Cost per residential parcel is approximately \$10K**





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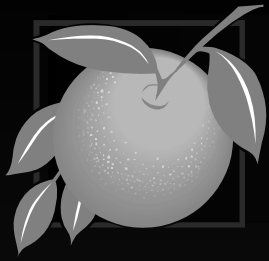
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Opportunities for Project Cost Reduction and Financing

- Opportunities for Project Cost Reduction
 - Grant funding
 - County contribution
- Project Financing Option
 - MSBU





Opportunities for Project Cost Reduction and Financing

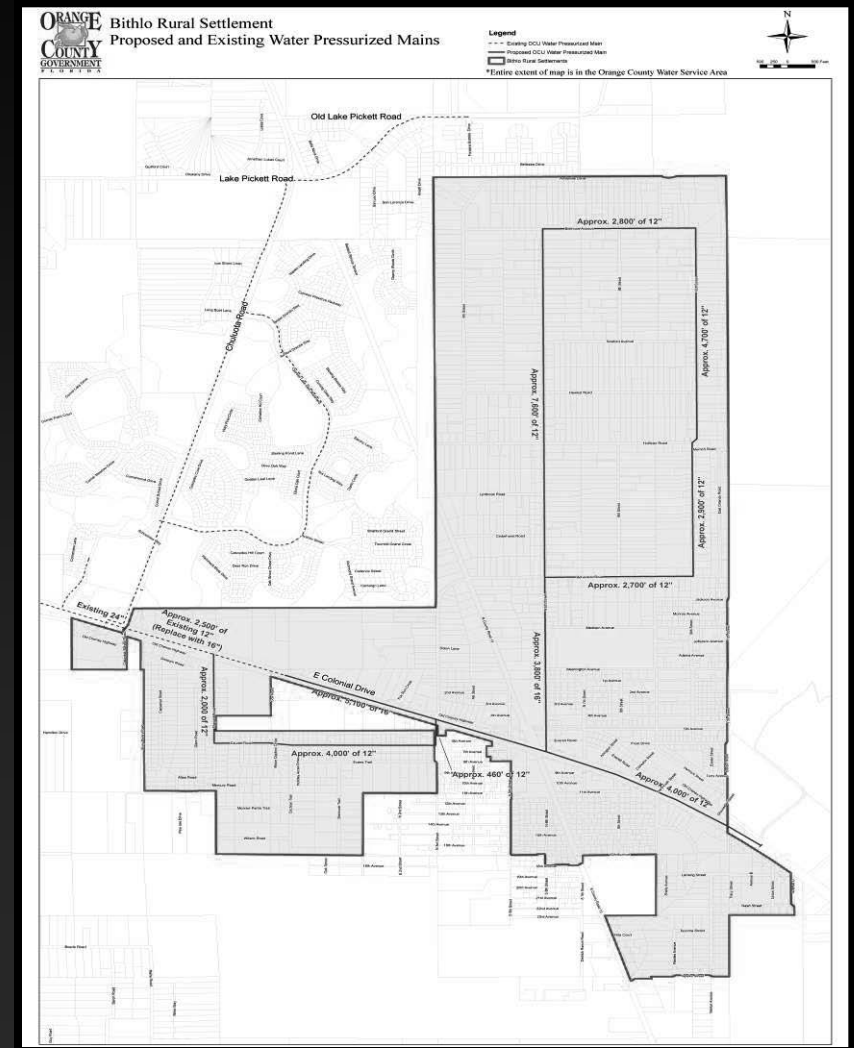
- **Low-income Owner-occupied Grants**
 - Capital charges and connection fees
 - \$3,500 reduction per parcel
 - 650 potential qualifying parcels
- **Area-wide Low-income Grants**
 - Distribution System
- **No BCC action required today**





Opportunities for Project Cost Reduction and Financing

- Potential County contribution
- \$4.5M
- \$2,240 reduction per parcel
- Requires BCC action





Opportunities for Project Cost Reduction and Financing

- **Financing Option**
 - **Municipal Service Benefit Unit (MSBU)**
 - **Costs could be paid for over a 10-year period with their annual tax bill**
 - **Requires BCC approval at a later date**





Opportunities for Project Cost Reduction and Financing

Full Project Cost

- Transmission \$ 2,240
- Distribution \$ 4,260
- Connection Fees/Capital Charges \$ 3,500
- Total \$10,000
- Estimated 10-Year MSBU \$ 1,195/yr

Residents would also be responsible for a monthly water bill.



Opportunities for Project Cost Reduction and Financing

Full Project Cost w/ County Contribution*

• Transmission	\$2,240
• Distribution	\$4,260
• Connection Fees/Capital Charges	<u>\$3,500</u>
• Total	\$7,760
• Estimated 10-Year MSBU	\$ 935/yr

Residents would also be responsible for a monthly water bill.

* Affects all parcels



Opportunities for Project Cost Reduction and Financing

Full Project Cost w/ County Contribution & Grant *

• Transmission	\$2,240
• Distribution	\$4,260
• Connection Fees/Capital Charges	<u>\$3,500</u>
• Total	\$4,260
• Estimated 10-Year MSBU	\$ 555/yr

Residents would also be responsible for a monthly water bill.

* Affects only low-income owner-occupied parcels



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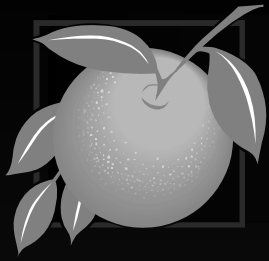
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Official Ballot

- **Next Steps**
 - **Community Meeting**
 - **Mail official ballot**
 - **Tally votes**





Official Ballot

- Project will only move forward if the required percentage return “yes” votes
- Current Retrofit Policy requires 67%
 - Residents responsible for cost
- Recommend higher threshold
 - Potential County contribution
 - Significant cost to property owners
 - Lack of support in previous balloting





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Board Direction

- Move forward with the process?
 - Official ballot
 - Percentage of “yes” votes required
 - County contribution

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