



Research Review & Advisory Committee Meeting

February 26, 2014

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Bureau of Environmental Health

Onsite Sewage Programs

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Division of Disease Control and Health Protection

To protect, promote and improve the health of all people in Florida through integrated state, county, and community efforts.



Agenda

9:30 – 9:40 Introductions and Housekeeping

Review of minutes:

9:40 – 9:50

- August 29, 2013 meeting
 - September 11, 2013 meeting
 - October 22, 2013 meeting
-

Discussion on Nitrogen Reduction Strategies Study:

9:50 – 11:00

- Update on project timeline extension
 - Current Project Status
-

11:00 – 11:30

Updates on Other Projects

11:30 – 11:40

Other Business

11:40 – 11:50

Public Comment



Introductions & Housekeeping

- Committee roll call
- Identification of audience
- How to view web conference
- Mute / unmute phone line = *6
- Do not put phone on hold
- Download meeting material:

<http://www.myfloridaeh.com/ostds/research/Index.html>



Updates to Committee Members

- **State University System**
 - Reappointed Primary: John Schert, University of Florida
 - New Alternate: Dr. Daniel Meeroff, Florida Atlantic University
 - Previous Alternate: Dr. John Dryden
- **Consumer**
 - Reappointed Primary: Bill Melton
 - New Alternate: Robert Washam
 - Previous Alternate: Eanix Poole
- **Local Government**
 - New Primary: Christopher Pettit, Palm Beach County Water Utilities
 - New Alternate: Mayor Matt Surrency, City of Hawthorne
 - Previous Primary: David Richardson
 - Previous Alternate: Nancy Gallinaro





Question at previous meeting: What is a quorum?

- RRAC has no bylaws, need to record group definition
- A quorum is defined as having:
 1. More than half of the current voting member groups present (present interpretation, need 6 of 10 groups)
 2. X number of voting members present (4, 5, or 6)



Review of Meeting Minutes

- August 29, 2013
- September 11, 2013
- October 22, 2013



Florida Onsite Sewage Nitrogen Reduction Strategies Study

Study Purpose:

- Develop passive strategies for nitrogen reduction
- Complement use of conventional systems
- Develop cost-effective nitrogen reduction strategies



Florida Onsite Sewage Nitrogen Reduction Strategies Study

Discussion on Nitrogen Reduction Strategies Study:

- Update on project timeline extension
- Current project status



Florida Onsite Sewage Nitrogen Reduction Strategies Study

Progress report submitted 2/1/2014
requesting:

- Cash and budget authority
- Contract extension

If legislatively authorized, the contract would be extended and would continue into fiscal year 15-16, subject to funding

Summary of Cash Available, Expenses, and Balance of Funds

Fiscal Year	Cash	Contract Expenses	Balance
2008-2009	\$800,000 ¹	\$213,727	\$ 586,273
2009-2010	\$0	\$485,720	\$100,553
2010-2011	\$2,000,000	\$742,016	\$1,358,537
2011-2012	\$0	\$678,773	\$679,764
2012-2013	\$1,103,566 ²	\$1,103,566	\$679,764
2013-2014	\$184,798 ³	\$864,562 ⁴	\$0
2014-2015	\$650,000 ⁵	\$650,000 ⁴	\$0
2015-2016	\$261,636 ⁵	\$261,636 ⁴	\$0
TOTAL	\$5,000,000	\$5,000,000	

1 - \$900,000 was appropriated. \$800,000 for contract and \$100,000 for department administration of contract

2 - \$1,500,000 in non-recurring GR of which the contractor only spent \$1,103,566

3 – From DOH Trust Fund

4 – Estimated, as of 2/17/14 \$350,000 has been invoiced

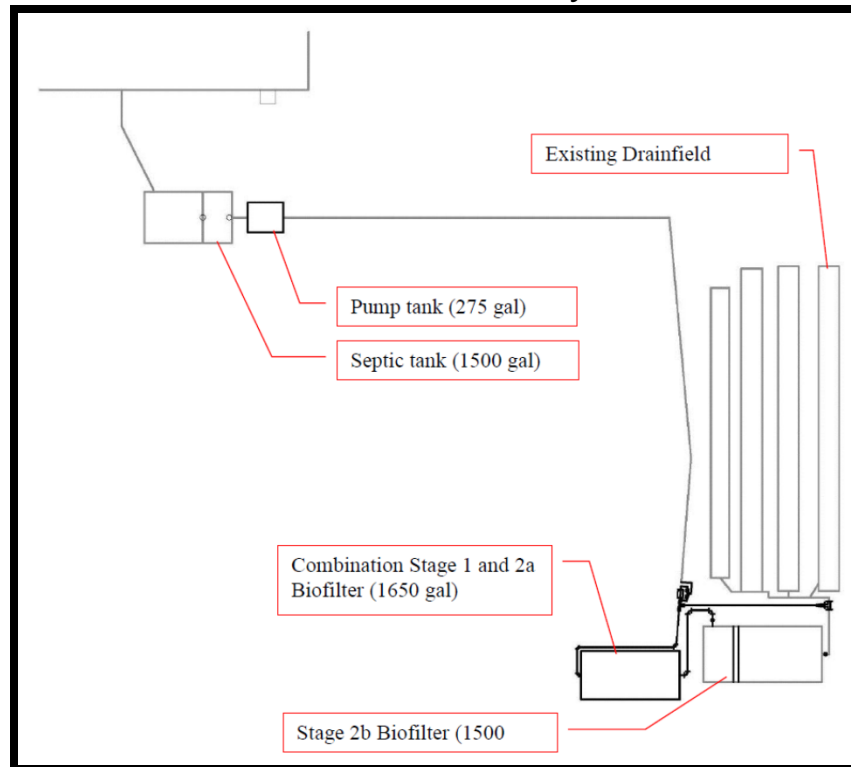
5 – Required GR cash and budget authority appropriation based on estimated expenses



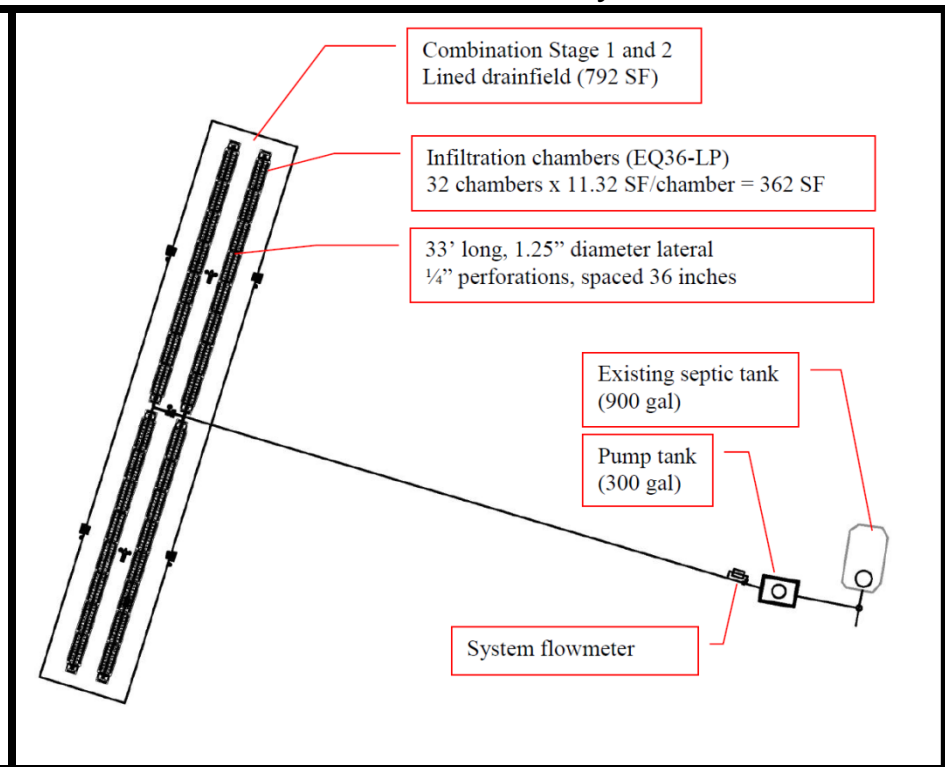
Florida Onsite Sewage Nitrogen Reduction Strategies Study: Updates

- Last two field systems installed

Wakulla County

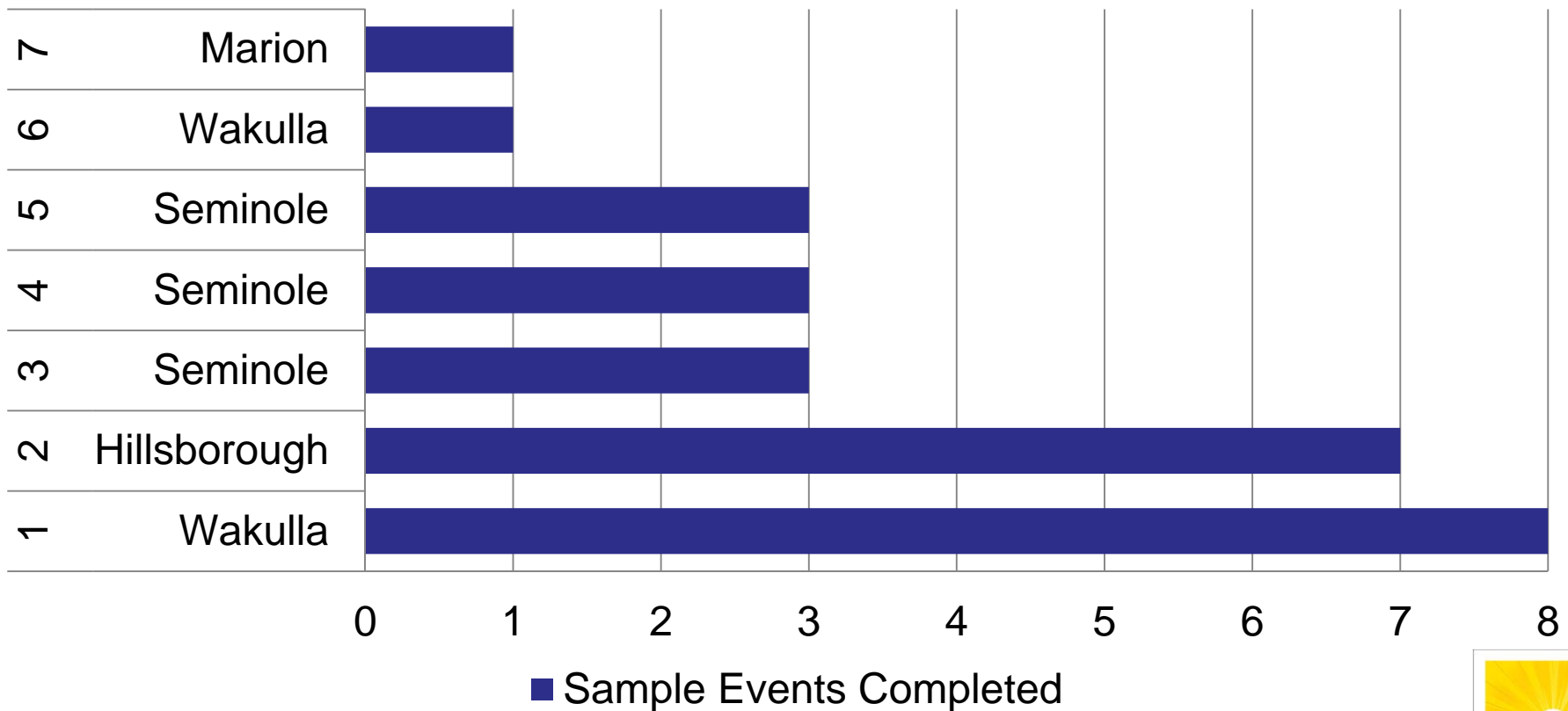


Marion County



Florida Onsite Sewage Nitrogen Reduction Strategies Study: Updates

Passive System Sample Events Completed





Florida Onsite Sewage Nitrogen Reduction Strategies Study: Updates

- Field sampling at existing conventional systems to see how nitrogen moves through the soil

Location	Status
Wakulla	Complete: 1 sample event, unable to determine groundwater flow direction, site discontinued
Seminole	Complete: 4 sample events, system was also converted to an experimental passive field system
Polk	Complete: 4 sample events
Hillsborough	Complete: 4 sample events, system was also converted to an experimental passive field system



Florida Onsite Sewage Nitrogen Reduction Strategies Study: Updates

- Simple soil tool showing estimated nitrogen movement based on different conditions mostly complete
 - Configuration: bed vs. trench
 - Distribution of loading: equal vs. unequal
 - Soil texture
 - Water table depth
 - Nitrogen input
- Complex soil model development complete
- Aquifer model combined with complex soil model 50% complete



Updates on Other Projects



Other Business



Public Comment



Next Meeting Information

Upcoming meeting topics:

- Nitrogen Study task updates
- Discussion on ongoing research projects

Proposed dates for next meeting:

- To be determined via email in the future



Closing Comments and Adjournment

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