

**FLORIDA DEPARTMENT OF HEALTH  
ONSITE SEWAGE NITROGEN REDUCTION STRATEGIES STUDY**

**PROGRESS REPORT NO. 23  
(January 2015 through June 2015)**

<b>Task</b>	<b>Task Status</b>	<b>Activity this Period</b>	<b>Technical, Schedule, or Budget Problems Encountered</b>	<b>Recommended Methods to Resolve Problems</b>
<b>Task A – Technology Evaluation for Field Testing: Review, Prioritization, and Development</b>				
A.31 Change-order Allowance [Biotool Tasks 2 and 3]	Complete	The revised Biotool was submitted February 19, 2015.	None	N/A
<b>Task B – Field Testing of Technologies and Cost Documentation</b>				
Task B.7 Field Systems Monitoring Report (per event)	Complete	B-HS6 SE1-8 completed. <ul style="list-style-type: none"> <li>SE8 January 29, 2015</li> </ul> B-HS7 SE1-8 completed. <ul style="list-style-type: none"> <li>SE8 February 4, 2015</li> </ul>	None	N/A
Task B.8 Field Systems Operation, Maintenance and Repairs Report (per system)	Complete	B-HS3 report was submitted February 11, 2015.  B-HS4 report was submitted February 11, 2015.  B-HS5 report was submitted February 11, 2015.  B-HS6 report was submitted April 23, 2015.  B-HS7 report was submitted April 23, 2015.	None	N/A

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Task B.10 Acceptance of System by Owner Report (per system)	Complete	<ul style="list-style-type: none"> <li>• B-HS3 homeowner accepted the experimental system as modified June 30, 2015.</li> <li>• B-HS4 homeowner accepted the experimental system May 6, 2015.</li> <li>• B-HS5 homeowner accepted the experimental system February 10, 2015.</li> <li>• B-HS6 homeowner did not accept the experimental system; however homeowner did accept the restoration to original condition June 26, 2015.</li> <li>• B-HS7 homeowner accepted the experimental system February 6, 2015.</li> </ul>	None	N/A
Task B.12 LCCA Template Report (final template and user guidelines)	Complete	The final LCCA template and user's guide was submitted May 14, 2015.	None	N/A
Task B.13 LCCA report (per system)	Complete	The Task B PNRS Life Cycle Cost Analysis Report was submitted June 30, 2015.		

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Task B.14 Draft Task B Final Report	Complete	The Evaluation of Prototype Full Scale Passive Nitrogen Reduction Systems (PNRS) and Recommendations for Future Implementation draft report was submitted June 30, 2015.	None	N/A
Task B.15 Draft Task B Final Report	Not started	Awaiting comments on the draft final report from RRAC and FDOH review.	Comments will be received after June 30, 2015.	New purchase order for final report
<b>Task C – Evaluation of Nitrogen Reduction Provided by Soils and Shallow Groundwater</b>				
Task C.14 Soils & Hydrogeologic and Monitoring Plan for S&GW Test Facility	Complete	The Task C.14 Soils & Hydrogeologic and Monitoring Plan for the S&GW Test Facility report was submitted April 23, 2015.	None	N/A
Task C.18 Test Facility Closeout Report	Complete	The Test Facility was abandoned and site restored in March 2015, and the closeout report was submitted April 23, 2015.	None	N/A

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Task C.26 Draft Site Close-Out Memo (per site)	Complete	<u>C-HS2</u> <ul style="list-style-type: none"> <li>The C-HS2 site close-out draft memo was submitted May 14, 2015.</li> </ul> <u>GCREC Mound</u> <ul style="list-style-type: none"> <li>The University of Florida GCREC mound site close-out draft memo was submitted April 23, 2015.</li> </ul>	None	N/A
Task C.27 Final Site Close-Out Memo (per site)	Complete	<u>C-HS2</u> <ul style="list-style-type: none"> <li>The C-HS2 site close-out final memo was submitted June 30, 2015.</li> </ul> <u>GCREC Mound</u> <ul style="list-style-type: none"> <li>The University of Florida GCREC mound site close-out final memo was submitted June 30, 2015.</li> </ul>	None	N/A
Task C.30 Change-order Allowance	Underway	The GCREC test facility well abandonment was completed in March and April 2015. The C-HS2 abandonment was completed in June 2015.		
<b>Task D – Nitrogen Fate and Transport Modeling</b>				
Task D.12 Aquifer-Complex Soil Model Performance Evaluation	Complete	The Task D.12 report was submitted March 26, 2015.	None	N/A

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Task D.13 Validate/Refine Aquifer-Complex Soil Model with Data Collected from Task C	Complete	The Task D.13 40% report was submitted March 26, 2015. The Task D.13 100% report was submitted June 30, 2015.	None	N/A
Task D.14 Development of Aquifer-Complex Soil Model for Multiple Spatial Inputs	Complete	The Task D.14 60% report was submitted March 26, 2015. The Task D.14 100% report was submitted June 30, 2015.	None	N/A
Task D.16 Task D Draft Report and STUMOD-FL-HPS User's Guide	Complete	The Task D.16 Draft Report and STUMOD-FL-HPS User's Guide was submitted June 30, 2015.	None	N/A
<b>Task E – Project Management, Coordination and Meetings</b>				
Task E.2, PM-Project Progress Report	Complete	The June 2015 progress report (this report) was completed June 30, 2015.	None	N/A
Task E.4 RRAC or TRAP Attendance (per meeting)	Underway	The March 3 and March 19, 2015 RRAC meetings were attended.	None	N/A