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## South Florida Water Management District

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### **2024 AQUIFER STORAGE AND RECOVERY (ASR) SCIENCE PLAN PEER REVIEW PANEL**

#### **AGENDA**

July 10, 2024

8:30 AM

This meeting will be conducted via Zoom, a media technology free for the public to use

Zoom Link: <https://sfwmd.link/4e9da8g>

1. Welcome and Opening Remarks - Liz Caneja, Lead Project Manager, SFWMD
2. Continuous Core and Aquifer Pump Test Results - Rick Cowles, P.G., Principal Senior Hydrogeologist, Stantec
3. Geochemistry of C38s, L63N, and L63 Continuous Cores - Jamie MacDonald, Ph.D., Professor of Geology, Florida Gulf Coast University
4. Break
5. SFWMD Okeechobee 2D Seismic Program Overview - John Jansen, P.G., P.Gp., Ph.D., Principal Geophysicist/Hydrogeologist, Collier Geophysics, LLC
6. Multi-Well Assessment of Fracture Porosity of the Floridian Aquifer System in Support of Future ASR Wells in Northern Lake Okeechobee - Kevin Cunningham, Ph.D., and Victor Flores, Research Hydrogeologists, United States Geological Survey (USGS) - Caribbean - Florida Water Science Center
7. Characterization of Microbial and Geochemical Processes that Contribute to Nutrient Reduction and Potential Clogging - John Lisle, Ph.D., Microbial Ecologist, USGS - St. Petersburg Coastal and Marine Science Center
8. Panel Discussion

9. Public Comment
10. Quantitative Ecological Risk Assessment Plan - Next Steps - Joseph Allen, Senior Wildlife Biologist/Ecological Risk Assessor, Formation Environmental
11. ASR Ecological Risk Assessment Pre-Operational Ecological Monitoring Year 1 Results - Jennifer Mathia, Principal Scientist, Environmental Consulting and Technology
12. Break
13. Lake Okeechobee Watershed Restoration Project (LOWRP) ASR Treatment Technology - Treatment System Update - Heath Wintz, P.E., Project Technical Lead, Stantec
14. Engineer Research and Development Center (ERDC) and LOWRP-ASR Studies Update - Matthew Farthing, Ph.D. (Project Lead), Mandy Michalsen, Ph.D. (Task A Lead), and Martin Page, Ph.D. (Task E Lead), USACE-ERDC
17. Panel Discussion
16. Public Comment
17. Closing Remarks and Expected Progress Over the Next Two Years - Anna Wachnicka, Ph.D., Principal Scientist/ASR Science Plan Project Manager, SFWMD
18. Adjourn