

APPROVED

Minutes of the Meeting

WELL DRILLING ADVISORY COMMITTEE Southwest Florida Water Management District

Tampa, Florida

October 14, 2009

The Well Drilling Advisory Committee of the Southwest Florida Water Management District convened for a regular meeting at 1:30 p.m., October 14, 2009, at the Tampa Service Office.

Board Members Present

Stuart Anderson, Chair (absent)
William Toomer, Vice Chair
Jeff Baker
Ted Dyer
Dennis Fourqurean
Paul Pope
Todd Parrish

Staff Present

Dave N. Arnold
Tony Gilboy
Bill Bilenky
Sonia Beau
Frank Gargano
Mark Alford
Mitch Malone

Heather LaRocco
Bob Boyd
Andrew Bowie
Ted Gates
Chris Tomlinson
Tim Lohner
Kurt Durham

Governing Board Member

Ron Oakley

Recording Secretary

Debbie Harper

A list of others who were present and signed the attendance roster is filed in the permanent files. Compact disks of the audio and copies of the materials and handouts, as set out in full herein, are also filed in the permanent files of the Committee.

1. **Call to Order and Roll Call**

Vice-Chair William Toomer called the meeting to order at 1:30 p.m. Ms. Harper called the roll and noted a quorum was present. (CD 1/Track 7)

2. **Business Items**

After consideration, Mr. Toomer moved, seconded by Jeff Baker, to approve the April 22, 2009 minutes as presented. (CD 1/Track 8)

3. **Meeting Items:**

a. **Geothermal Well Drilling** – Mr. Tony Gilboy, P.G., Well Construction Regulation Manager presented an overview of Geo-Exchange (Geothermal) Technologies and clarified which technologies would require a District permit. He presented an example of a closed-loop geothermal project recently completed in southern Hillsborough County. The project involved the construction of 14 geothermal boreholes, all drilled to 150 feet. His presentation outlined some of the challenges the contractor faced completing the grouting of the boreholes. Mr. Gilboy indicated that construction standards for this technology will be forthcoming in the 62-532 F.A.C. rule. Handout of FDEP Program Guidance Memo WRM/GW-09 was distributed. (CD 1/Track 10)

b. **Local Well Drilling Ordinances Discussion** – Mr. Bill Bilenky, General Counsel discussed local ordinances and provided several case law examples involving challenges to the ordinances. He referenced Chapter 373, Part 2, F.S. regarding the consumptive use of water and stated that although the statute language is clear, there

may be other factors that enter into provisions and decisions associated with local ordinances. Mr. Bilenky indicated that the Water Management Districts have exclusive authority for the consumptive use of water and therefore any local government ordinance that contains language that pre-empts the Districts authority would be problematic, unless approved by the District. (CD 1/Track 9)

- c. **New EPA SuperFund Sites: Arkla Terra and Southern Solvents** – David N. Arnold, P.G. gave a brief overview of contamination assessment activities that have been performed to date at the Southern Solvents Superfund site located in Tampa. He informed that this Superfund site will likely be included in the SWFWMD-EPA Superfund Site Memorandum of Understanding. Mr. Arnold also discussed how the District is assisting the U.S. EPA with the assessment of groundwater contamination at the Arkla-Terra Superfund site located in Thonotosassa, by providing well construction, consumptive water use, lithological, and background water quality data to the U.S. EPA. (CD 2/Track 11)
 - d. **Well Construction Buffer Zones Near Injection Wells Class V ASR** – David N. Arnold, P.G., discussed how Well Construction Staff is in the early stages of creating maps that illustrate locations of Class V ASR wells and associated injection storage zones (buffer zones). Regulatory requirements associated with ASR have been evolving over the past several years in response to the mobilization of naturally occurring arsenic in the aquifer by the interaction of the injected water with the aquifer's limestone matrix. Considering this, the construction of new wells within these buffer zones may be restricted in the future as a safeguard in order not to have unintentional withdrawals of arsenic-impacted groundwater. (CD 2/Track 12)
 - e. **WMIS Update** – Sonia Beau, Sr. Regulation Processing Specialist provided some statistical and historical information on the number of well construction permits and completion reports submitted and issued on-line using the Water Management Information System (WMIS) verses paper submittals. She explained that the drop in electronic submittals maybe due to the District's policy to no longer accept Visa as payment and the roll out of new components to the WMIS, which sometimes interrupts the system or causes errors to occur. The District is looking into other options for payment, such as electronic checks and is researching the decline is electronic submittals further. (CD 2/Track 13)
 - f. **Regulation on Pumps Update** – Mr. Gilboy provided an update on the pump licensing issue and indicated there is no change. He indicated that the Florida Groundwater Association (FGWA) is going to take a position at their next meeting and he would report back to the WDAC on their position. (CD 1/Track 8 CD 2/Track 14)
 - g. **DEP Rulemaking Schedule** – Mr. Gilboy reported on the status of two Department of Environmental Protection Rules which are being revised. These include the Well Contractor Disciplinary Guidelines and the Minimum Well Construction Standards rule. These rules are scheduled for adoption in February/March 2010. (CD 2/Track 14)
4. **Open Discussion:**
Mr. Gilboy reminded well drillers that CEU credits are available for attendance. Forms were provided. (CD 2/Track 14)
 5. **Announcements:**
The Florida Ground Water Association meeting is scheduled for October 24, 2009, at Fort Walton Beach. CEU credits are available for attending. (CD1/Track 8)

The next WDAC meeting is scheduled on January 13, 2010, at 1:30 p.m., Tampa Service Office, 7601 Highway 301 North, Tampa. (CD 2/Track 14)

6. **Adjournment**

When there was no other business to come before the Committee, Vice-Chair Toomer adjourned the meeting at 3:37 p.m. (CD 2/ Track 14)

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