

HARRIS COUNTY WATER CONTROL
AND IMPROVEMENT DISTRICT NO. 132

MINUTES OF MEETING OF
May 6, 2010

STATE OF TEXAS §
COUNTY OF HARRIS §

The Board of Directors of Harris County Water Control and Improvement District No. 132 met in special session at the designated meeting place of the Board, the Harris County W.C.I.D. No. 132 Water Plant, 4107 Evening Trail, Spring, Texas 77388, on the 6th day of May 2010, at 10:00 a.m. The roll was called of the duly constituted officers and members of the Board, to-wit:

Thomas Mancini	President
T. Gary Toll	Vice President
William R. Papp	Secretary
Mary Bonetati	Assistant Secretary
Cindy Daniel	Assistant Secretary

All members of the Board were present, thus constituting a quorum. Also present were Carol Fraser with Head, Inc.; Liane Promfret, Water Conservation Demonstration And Research Center ("Center") assistant; Jim Caldwell and Scott Freeman of Alsay, Inc. ("Alsay"); Mike Ammel and Brittany James of Environmental Development Partners ("EDP"), the District's Operator ("Operator"); Tom Matkin and Jay Chapman of AEI Engineering, Inc., the District's Engineers ("Engineer"); and Sherry Allard, recording secretary of the Board.

After convening at the regular meeting place, the Directors and others attending the meeting reconvened at Dir. Papp's house, located at 17407 Ficus Court, Spring, Texas 77388, due to the ongoing rehabilitation of the meeting place. The meeting was called to order at 10:00 a.m. by President Mancini, who announced all business to appropriately come before the Board at this time would be considered.

After discussion, upon motion duly made and seconded by Dirs. Toll and Bonetati, respectively, the question being put to the Board, the Board voted in accord to suspend the agenda order to discuss emergency well repairs.

DISCUSS EMERGENCY REPAIRS TO WATER WELL AND PLANT AND TAKE ACTION RELATED THERETO, INCLUDING AWARD OF CONTRACT FOR REPAIRS

The President recognized Mr. Matkin, who disseminated to and reviewed with the Board his report on the well, a copy of which is attached hereto and considered a part hereof for all purposes. He informed the Board that problems had been encountered with Water Well #1. It appears certain offsets and misalignment down hole have caused vibration, release of brass particles in the water, and a 300-gallon per minute ("gpm") reduction in water production, Mr. Matkin stated. The structural problems are below the patch installed in 2000 at 967-972 feet, he added. He stated that Alsay has offered options for repair, including installing two (2) liner sections in the 10-inch screen. In light of the crooked alignments below the patch, Alsay feels that the District could choose to

install a 4-inch liner below the patch, if it would in fact fit. A sizer or dummy pipe would be inserted into the lower portion of the pipe to assure the 4-inch liner would work. Alsay suggests installing a 6-inch liner from the patch to the top of the lap at 802 feet, Mr. Matkin stated. If a problem occurs when installing the 4-inch liner, it could further damage the well structure and collapse the well. To assure usage of the well, a 6-inch liner above the patch is recommended, Mr. Matkin stated. While it would reduce production from 911 gpm to 400 gpm, it would produce water at a quantity that would benefit the District, he added. Alsay stated that they could put bull rock in the bottom portion of the well past the point where the misalignment occurs, then just use whatever production the well yields. That would cost less than \$100,000, they surmised. Then the District could purchase additional water from the Authority to complete its needs. Should the District choose to abandon the well, the North Harris County Regional Water Authority ("Authority") has sufficient water to help the District, but there would need to be installed an additional line ("take point") to receive the water. As the District has two (2) 210,000-gallon tanks, it would have a total of 420,000 gallons of storage, it was noted. The line to the tanks would be used in non-peak hours to refill the tanks. Mr. Matkin stated that he is evaluating whether there is still sufficient water to serve the customers with the well down. Mr. Ammel felt that a meeting with Cypresswood Utility District ("CUD") would be appropriate to determine a long-range solution. As there is no contract for water capacity, the Authority has no obligation to serve the District in this instance, he added. When he contacted the Authority, Mr. Matkin was told that the Authority suggested buying water from the Authority and the Texas Commission on Environmental Quality ("TCEQ").

After thorough discussion, upon motion duly made and seconded by Dirs. Papp and Daniel, respectively, the question being put to the Board, the Board voted in accord to fill the lower part of the well with bull rock, perform production tests, and consider the results. Dir. Papp stated that he wanted to make sure that AEI works with EDP to obtain the maximum daily flow, talk with the Authority regarding an additional take point and process of receiving water, and finally to obtain the costs for an analyzer. After discussion, upon motion duly made by Dir. Papp, seconded by Dir. Toll, and unanimously carried, the Board approved the Operator expending up to \$10,000 to make a system by-pass with automation.

Timing of the operation was then addressed. It could take perhaps six (6) weeks' time to complete the repair, Mr. Matkin stated. The Engineer stated that he would have data and estimates for the well work at the next regular Board meeting. As the 2020 plans include a second take point, Mr. Ammel stated that he doesn't expect installing one in advance of that schedule would pose a problem.

Costs to date are \$7,300 to pull and inspect the well. Mr. Matkin stated. Repairs range from \$22,950 to plug and abandon the well to \$211,700 to install 4-inch and 6-inch liners, the Engineer stated. The decision of which repair to undertake will most likely be determined by the results of the well tests, it was thought. Messrs. Ammel, Caldwell, Freeman, Matkin and Chapman and Ms. James departed the meeting at this time.

Dir. Papp motioned to return to the order of the day. Dir. Toll seconded, and the Board voted its unanimous approval.

DISCUSS WEBSITE, CUSTOMER COMMUNICATION AND AUTHORIZE EXPENDITURES RELATED

THERETO

The Board felt that Ms. Payne could help with application of the invasive species policy, to inform residents *via* the newsletter. Dir. Papp stated that there should be an ongoing education practice of informing customers, once monthly through the summer informing them of conservation measures then of invasive plants. Ms. Fraser was asked to write little blurbs of information for Ms. Payne's usage in her communication projects.

DISCUSS WATER CONSERVATION DEMONSTRATION AND RESEARCH CENTER ("CENTER"), APPROVE PROJECTS AND AUTHORIZE EXPENDITURES IN CONNECTION THEREWITH

President Mancini then recognized Ms. Fraser for an update on the Center's progress. Ms. Fraser stated that the Texas Parks & Wildlife are interested to know how the District plans to implement the invasive species protocol. She stated that she had spoken with Operator Connelley about applying the policy. The President reminded the Board that the policy only applies to plants removed from customers' easements. When Ms. Fraser stated that whatever is done at the Center, the point is to get customers to attend, Dir. Toll stated that finishing the Center's garden projects must be a priority.

An explanation of easements, their purpose and the District's need for access, would be a good subject for Ms. Pomfret to research, it was determined. The Engineer's original plats of the District may be valuable in that effort, Dir. Papp stated.

The Board discussed procedure regarding removal and replacement of customers' plants. The Board agreed to have Mr. Connelley take photographs of sites where the Operator has to remove plants before they are removed. Then the photographs can be reviewed by Ms. Fraser to determine the nature of the plantings and what plant(s) should replace it. The Board asked Ms. Pomfret to make up a sheet describing how to water new plantings to be given customers after they have received replacement plants. She was also asked to describe the process for the Operator when replacing plants, noted above.

Phase I Native Lawns

The landscapist updated the Board on plantings and other conditions in the Center's garden. Ms. Fraser stated that Ms. Payne had told her that new signage was to be on aluminum sheets. The Board preferred having the scientific and common name plus a picture of the particular plant on the signs. Dir. Bonetati agreed to check into whether the Klein Oak metal shop could make the signs.

When Ms. Fraser stated that the fennel had done great since being planted, the Board suggested having an herb garden area, which might be of great interest to customers.

Phase II Treescape

When discussing the treescape area, Dir. Toll noted that a hose bib is needed. The Board approved the handout, a copy of which is attached hereto and considered a part hereof, of "How to kill a tree." Dir. Toll stated that there may be a tallow tree near the AT&T pole.

Phase III Sitting area

Ms. Fraser informed the Board that she has asked an artist to paint pictures of Ben Franklin and Thomas A. Edison to be used as educational tools at the power poles. The Board discussed making portable benches using polyvinyl chloride ("PVC") in concrete.

Phase IV Children's area

Ms. Fraser stated that she would call Mr. Hartley regarding hose bibs in the area off the driveway. The turf area needs irrigating soon, she stated.

Phase V Butterfly Project

Ms. Fraser then briefly discussed the butterfly vines.

DISCUSS AND APPROVE NEWSLETTER

The President asked Dir. Papp about the current newsletter. Dir. Papp motioned approval of the newsletter from Ms. Payne, which, after Dir. Daniel's second, the Board unanimously approved.

REPORT ON STATUS OF BUTTERFLY GARDEN, COMPOST PROJECT, APPROVE PROJECT AND EXPENDITURES RELATED THERETO

This item was considered hereinabove.

STATUS REPORT ON DBLIVE AND AUTHORIZE ACTION RELATED TO IRRIGATION SYSTEM

Dir. Papp stated that he would send Mr. Fairey an email to get the manuals for the devices. He added that the Board should start asking participants about talking to their neighbors about participating in the pilot program.

REPORT ON STATUS SUSTAINABLE SITE PROGRAM APPLICATION AND TAKE ACTION RELATED THERETO

Ms. Fraser informed the Board that she expects a response to the Board's application as a Sustainable Site Program ("SSP") on May 18, 2010.

REPORT ON STATUS OF BURDITT CONTRACT PROJECT AND TAKE ACTION RELATED THERETO

The President recognized Ms. Fraser, who informed the Board that Burditt's tree inventory has been made, and he is in the process of preparing a report.

MODIFICATIONS TO THE MEETING PLACE, INCLUDING BRINGING THE BATHROOM INTO ADA COMPLIANCE

The President asked Dir. Daniel to update the Board as to progress on the meeting place rehabilitation. She showed the Board the taupe-colored tile and carpet squares. The rehabilitation should be finished before the regular meeting is scheduled, Dir. Papp stated.

ABSENT ANY FURTHER BUSINESS TO CONSIDER AT THIS TIME, Dir. Papp moved to adjourn at 12:43 p.m. Dir. Toll seconded, and the Board unanimously approved.

PASSED AND APPROVED

Date

Bill Papp
Secretary of the Board of Directors