

HARRIS COUNTY WATER CONTROL
AND IMPROVEMENT DISTRICT NO. 132

7 October 2009

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 7th day of October 2009, at 10:00 a.m. The roll was called of the duly constituted officers and members of the Board, to-wit:

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

All members of the Board were present, except Dir. Bonetati, thus constituting a quorum. Also present were Carol Fraser, landscapist; Farrar Stockton, butterfly expert; and Sherry Allard, recording secretary of the Board.

President Mancini called the meeting of the Board of Directors to order at 10:00 a.m., and the following business was transacted.

DISCUSS STATUS OF WEBSITE, CUSTOMER COMMUNICATION AND AUTHORIZE EXPENDITURES RELATED THERETO

The President recognized Dir. Papp, who stated that, in the absence of Ms. Payne, the Board should proceed with matters related to the landscape garden.

DISCUSS LANDSCAPE GARDEN, APPROVE PROJECTS RELATED TO LANDSCAPE GARDEN AND AUTHORIZE EXPENDITURES RELATED THERETO

The President recognized Ms. Fraser, who presented to the Board a brochure she had prepared, showing various indigenous plants and general recommendations for conserving water. She explained to the Board that her brochure was a prototype that Ms. Payne could enhance, but noted that it contained one page that is addressed to the District and could be torn off by visitors to the garden and mailed to the District to ask questions about conservation issues. The draft brochure also contained a map of the proposed demonstration areas and items planned by the Board and Ms. Fraser. The Board asked that phrasing in the brochure be changed from "efficient irrigation" to "interactive irrigation." Also, it was noted that the District and others working with the garden should stress email sharing to promote 'e-blasts' from the District regarding conservation or irrigation matters. Ms. Fraser then introduced Mr. Stockton to the Board.

Ms. Fraser stated that she has been working with Mr. Stockton as part of the butterfly group at the Cockrell Butterfly Center, Houston Museum of Natural Science. Mr. Stockton stated that his

interest was sparked some 10 years ago when butterfly watching took hold. He then started collecting nectar plants to attract the butterflies. He handed out the Cockrell Butterfly Center "Guide to Gardening for Butterflies" brochure. Mr. Stockton advised to plant plants of various sizes to avoid wipeout of the butterfly population. He then discussed the monarch butterfly that eats milkweed plants. He advised against purchasing milkweed from local stores, noting that an aphid on the plant is a good sign of a healthy plant. The host plant is where the female lays her eggs. Ms. Fraser stated that butterflies attract the native bee, the bubble bee, and red wasps, which are all important to the act of pollination, and they are food for the birds. The planting Mr. Stockton leaves to Ms. Fraser's expertise, he stated. He did note that fall planting runs the risk of damage or loss to cold weather projected for this winter.

Ms. Fraser stated that though some plants are not native to this area, they live very well here. Good soil, mulch and adequate watering will ensure the plants' survival, she added. She gave a list of combination nectar and host plants to the Board. The passion vine has a beautiful flower (and is on the list). Mr. Stockton stated that he is happy to be a part of the plans going forward with the District. The Board expressed their gratitude to Mr. Stockton for his valuable expertise in this project.

Ms. Fraser reported that one (1) barrel on site is already leaking. Dir. Toll stated that it should be repairable. The Board discussed run-off into the barrel. They reviewed photographs of barrels, and Ms. Fraser stated that she would like to see one near the butterfly garden. She suggested building a structure to hold two (2) barrels when full. Dir. Papp recommended wood construction of the support pallet. Plans should be used for drip watering to avoid losing butterfly eggs to harsh streams of water on the foliage of plants, Ms. Fraser noted. Soaker hoses are an alternative, Dir. Papp added. It was noted that residents would be using their own water systems [i.e. chloraminated water] more than rainwater. It is important to show how to save money, as well as water, Ms. Fraser stated. Rainwater is free. The barrels need to be viewed by the public, so they will learn how to prepare them for the drip watering system, Dir. Papp noted. The President thought the fittings or gaskets on the barrels would have to be curved, but Dirs. Papp and Toll said they did not have to be curved as the washers or grommets are compressed when the fittings are installed and form a leak proof connection.

Ms. Fraser stated that it is imperative to have water on site before planting begins. We must preserve the plants during drought periods, too, she added. We will be watering as little as possible to test the ability of plants to withstand drought, she added. Ms. Fraser recommended preparing and planting a portion of the garden and leaving the remainder for spring planting.

Dir. Toll asked to discuss integrating the butterfly garden into parents of the school kids' participation with plantings. Ms. Fraser stated that the native weeds outside the meeting place are lovely and have stayed green despite the hot weather. To prepare that bed, the ground was dug up, but the roots need to be taken out. The exterior light needs to be taken care of, she added.

Regarding the drip system, there needs to be the determination as to 1) how much pressure will be needed; 2) how high to place the water, and 3) whether to leave 1 barrel for the demonstration station.

Ms. Fraser asked the Board about using Tidelanders barbershop quartet for the grand opening event.

Dir. Toll moved to authorize Ms. Fraser to purchase plants for the landscape garden, subject to approval by the Board. Dir. Papp seconded the motion, which received unanimous support from the Board.

Ms. Fraser then discussed some of the plants she recommends for the garden. Dir. Papp motioned to authorize Ms. Fraser's purchase of three (3) pendulata yaupons at \$180 each, plus approximately \$50 to deliver the plants to the garden. Dir. Toll seconded the motion, which garnered unanimous support from the Board.

The Board then discussed guttering. Ms. Fraser stated that the new gutters are doing great. She plans to have installed a gutter that allows water to roll off with the pressure of the water, she stated. She added that there already exists on site all the rocks needed to complete the entire project.

STATUS REPORT ON DEBLIVE AND AUTHORIZE ACTION RELATED TO IRRIGATION SYSTEM

Pres. Mancini asked that this item be deferred, to which the Board agreed.

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

The Board then discussed other areas of the garden. Composting in the new structures is already in place, Ms. Fraser stated. She informed the Board that she has been studying the yeast composting technique as an alternative demonstration.

She informed the Board that new red passion vines are growing underneath the existing barrel. She had ladelia put in by the shed and compost area.

The Board then discussed signage. Ms. Fraser recommended having temporary signage in place at the earliest stages of completion of the garden. She showed the Board a photograph of laminated or weatherproof signage affixed to the top of angle-cut tree lengths. The Board approved the measure. Permanent signposts are actually made of concrete, she stated, and the signs will be metal. It was noted that the demonstration area could be mowed to identify the pathway. Dir. Papp suggested that Ms. Fraser mark the boundaries/areas where she wants the new parts of the garden to be located.

The Board then discussed the composite border with Ms. Fraser. All were concerned about unwanted chemicals leeching into the soil. The Board asked what type layers of substrata will be used on the pathways to avoid this occurring. It was agreed that Jay Hartley could make that recommendation and perhaps do the work, as well. Ms. Fraser noted that there is currently nothing underneath the paths.

Dir. Toll then asked about the planned Town Hall meeting to be held at the North Harris County Regional Water Authority ("the Authority") meeting Place. He stated that the Wise Guys should be promoted at the District's Town Hall meeting there on Oct. 29, 2009 or Nov. 5, 2009.

The Board agreed to hold its next landscape garden meeting on November 4, 2009 at 10:00 a.m. at the District's meeting place.

Budgeting for garden needs and expenses was then considered. Dir. Papp stated that Ms. Schmidt is reviewing the budget and will report to the Board at its October regular meeting.

Certain details regarding preparation for the Town Hall meeting were then discussed. Dir. Papp stated that he would talk to Ben Connelley and get an electrician to install the pole with the lighting. Regarding the 5-gallon clear jar needed for the utricularia garden, Dir. Papp stated that he has a large glass jar that may be utilized at the garden and agreed to photograph it for consideration by Ms. Fraser.

DISCUSS STATUS OF WEBSITE, CUSTOMER COMMUNICATION AND AUTHORIZE EXPENDITURES RELATED THERETO

In order to accomplish mail-out of the postcards to the water conservation project participating customers, Ms. Payne must have a date for the Town Hall meeting, Dir., Papp reminded the Board. Also they asked to have Ms. Payne review the brochure prepared by Ms. Fraser.

APPOINTMENT OF DIRECTOR

The President noted that once again the Board needs to fill a vacancy. He mentioned several individuals that might be interested in serving on the Board and agreed to discuss the matter with them. It was also agreed to have appointment of a new Director placed on the October regular Board meeting agenda.

Honoring Bob Daniel was then discussed. Dir. Papp asked the Board to be thinking about an appropriate manner to honor his efforts on the Board. It was mentioned there could be a memorial area around the treescape.

DISCUSS AND APPROVE NEWSLETTER

There was nothing new to discuss in this regard, thus the matter was deferred.

THE PRESIDENT ASKED FOR A MOTION TO ADJOURN, as there was no other business to conduct at this time. Dir. Papp's motion, seconded by Dir. Toll, to adjourn the meeting at 12:00 p.m., carried by common consent.

PASSED AND APPROVED

October 19, 2009
Date

Bill Papp
Bill Papp
Secretary of the Board of Directors