

PUBLIC WATER SUPPLY DISTRICT #13
Minutes of the June 8, 2011
Regular Session of the Board of Trustees

The Board of Directors of Public Water District #13, Jefferson County Missouri met in regular session at 7:04 p.m. on June 8, 2011 at 5706 N. Lakeshore Dr., Hillsboro, Missouri.

Roll Call of Directors

The following Directors being present or absent as indicated:

<u>Name</u>	<u>Present/Absent</u>
Marilyn Meyer	Present
Rich Hirsch	Present
Rick Lippitt	Present
John Hindrichs	Present
Ken Jost	Present

Also in attendance was Janet Hirsch (JWH, LTPOA Board member), Frank Taylor (Taylor Engineering), Tim Robbs (Taylor Engineering), Robert Sweeney (District attorney), and J. Johnston (LT homeowner).

Approval of Agenda

Motion was made by Ken Jost and seconded by John Hindrichs to accept the agenda. On voice vote, all Directors were in favor of accepting the agenda.

Approval of Minutes of Past Meetings

The regular session Minutes of the May 11, 2011 meeting were emailed to the Directors prior to the meeting. Motion was made by John Hindrichs to approve the regular session Minutes as written. Second was by Ken Jost. On voice vote, the regular session Minutes were approved.

Treasurer's Report

Invoices to be approved

Marilyn reported the bank balances as of May 31, 2011: Construction acct: \$125,799.94; Escrow acct: \$855,150.37; and O&M acct: \$2,933.35.

Janet reported that six payments were submitted for payment approval. These submissions are listed below.

Date	Category	Payee	Invoice amt	MO DNR 40% grant	USDA-RD loan
5/31/2011	Eng testing	Taylor Eng	1,063.60	425.44	638.16
5/31/2011	Eng admin.	Taylor Eng	2,264.75	905.90	1,358.85
5/31/2011	Eng inspection	Taylor Eng	9,219.35	3,687.74	5,531.61
5/31/2011	Construction	TGB Inc	59,252.85	23,701.14	35,551.71
		Total	71,800.55	28,720.22	43,080.33

Notes

- a) The \$59,252.85 payment is for material on hand (\$49,122), 1.5" force main (162 ft.), and lateral line (1590 ft.).
- b) JWH calculated that as of May 31, 67% (301 of 450 days) of the scheduled construction time has been consumed and 34.6% of the budgeted amount for construction has been spent (includes credit for stored materials).

Motion was made by John Hindrichs to approve payment of the above invoices. Second was by Rick Lippitt. On voice vote, payment of the invoices was approved.

Old Business

Homeowner's questions/problems/concerns

Roth RMT-1060 quality

Homeowner J. Johnston asked a question about the STEP tanks being installed. He had heard that the tanks being installed were not approved by Jefferson County inspectors and called Andy Appelbaum with MO DNR, St Louis Office, to confirm this. Mr. Johnston was told by Mr. Appelbaum that Troy McDonald (636)-797-6404 of the Jefferson County Building Dept. /Code Enforcement called him (Appelbaum) to complain that "black poly tanks" were being installed as septic tank pumping chambers at each individual residence. Mr. McDonald also told Mr. Appelbaum that Jefferson County had experience with these tanks and outlawed them for use in on-site systems several years ago. Mr. McDonald also said there is another newer version of the tank that is being tested in three applications in the county, but it is a reinforced and ribbed tank, and that what is out on the ground (delivered to the sites/ not yet installed) is the old style tanks that don't perform.

JH responded that Mr. McDonald did not examine the tanks the district is installing (Roth RMT-1060) and McDonald's criticism was based strictly on the color of the tank.

Mr. Johnston said he questioned whether Mr. McDonald had actually examined the tank, since McDonald believed that the tank being installed was not ribbed, and the Roth RMT-1060 tank clearly is ribbed.

TR responded that he has tried to talk to Mr. McDonald, but that McDonald has not yet returned his call. TR did, however, talk to J. Manley, Chief of Inspections, Jefferson County Code Enforcement Division. Mr. Manley told TR that a poly tank had been outlawed for use in onsite systems in Jefferson County, but Mr. Manley did not know if it was the RMT-1060 (the tank the District is using). Mr. Manley also told TR that he told residents the county has no jurisdiction over the project because MO DNR oversees centralized sewer projects and also, any concerns homeowners might have need to go through MO DNR or the District.

TR went on to explain that the project was originally bid with concrete tanks only. During bidding, contractors told us about the difficulty they would have getting concrete tanks into a majority of the back yards in the subdivision. This difficulty would translate into higher costs and lots more damage to homeowner property. We were asked to look into the possibility of using fiberglass or poly tanks. We contacted the pump system manufacturers, tank manufacturers, MO DNR, and Rural Development to gather what information we could on poly tanks. We were told by both manufacturers of the pumping systems (Orenco and Myers) that the only poly tank they would allow their systems to be installed in would be the Roth tank. They said they had experienced a lot of trouble in tanks that were inferior to the Roth tank. They were most concerned with the tank flexing and causing the riser seals or inlet pipes to fail. When installed properly, they did not have that issue with the Roth Tank. This is due to not only the strength of construction (ribbed with internal supports) itself but also to the strict installation requirements required by Roth.

The contractor installing the tanks along with our inspector have been trained and certified by Roth to install their tanks. By using a certified installer, the owner is receiving a five year warranty that includes a new tank and \$2,500 for the labor to remove and replace the failed tank.

MO DNR and Rural Development also extensively reviewed these tanks and approved them for use on the project. So, as you can see, we did extensive research before we decided to allow these tanks to be installed.

FT: The idea of putting plastic in the ground is not new. The highway dept is installing a lot of ribbed storm drain pipes.

J. Johnston asked if any strapping or weighting of the tanks is needed.

TR: Only if the tanks are installed where there is high ground water. There is a provision for a concrete collar. We haven't seen a property that has that problem here yet.

TR: There should be no problem with the installed tanks popping out of the ground due to hydrostatic pressure. The tanks that did pop up were not completely installed and did not have water in them. With

compacted rock around the tank and dirt and grass on top, rain water will shed off the tanks. However, I would not pump the tanks dry and leave them dry for any length of time.

J. Johnston asked under what conditions the new STEP tank will be connected to the old tank.

TR: We will connect to the old tank if the gravity service line coming out of the house is inaccessible, like if it's under a deck or a concrete patio. It gets real expensive if we have to remove and replace a concrete patio and there is no money in the project for that. If the homeowner doesn't like the idea of having the old tank connected to the new STEP tank, they can always pay to have the patio cut or the deck taken apart and replace the old tank with a straight pipe. And of course, that can always be done at some point in the future.

Mr. Johnston also asked about what are probably PVC air bleed valves and suggested that they are vulnerable to damage. TR: We may want to cut them down to make them less easy to hit.

Construction update

Updated schedule

TGB's latest schedule was discussed and questioned as to whether or not it was realistic.

There was expressed a real concern that TGB will not finish construction in time and be forced to go to "liquidated damages." TR said that TGB has brought on another line borer for the south side and that TGB will add one more additional crew once the WWTP is finished.

Treatment plant

JH reported that the second and third sand filter was supposed to be poured today, but was not.

TR: They are scheduled to pour tomorrow at 4:30am. After that they'll pour the walls.

JH: Ameren UE erected two poles, rerouted the wires, and installed the transformer at the WWTP. They still need to run wire from WWTP pole to their transformer.

TR: July 18 is when the TP is scheduled to start.

Collection system

RH: They've installed 67 tanks and have 5 more very close to installed. That makes 17 tanks this period.

JH: There are very few where they don't hit rock.

JWH: No new news on the Sales Office modifications. Water for the new bathroom will come from the Community House. Utilibore gave me a price of \$2k, that's if they don't hit any rock.

On the advice of RS, JWH will send a "contract" to TGB listing TGB's quoted price and that the LTPOA accepts their offer at TGB's quoted price.

TR: The TP has to be checked every day. It could be your certified operator or someone from the subdivision. It's a pretty simple plant to operate, but you need to check it every day.

To find an operator we need to put an ad in the local paper and perhaps the MRWA website.

New Business

Closed session

At 7:54pm John Hindrichs made a motion to enter executive Session, under the Missouri Sunshine Law authorized by Chapter 610.021, Sub-Section 1 of the Revised Statutes of Missouri. The motion was seconded by Rich Hirsch. The Board was polled on going into closed session:

Marilyn Meyer: Yes; Rich Hirsch: Yes; Rick Lippitt: Yes; John Hindrichs: Yes; and Ken Jost: Yes;

Closed session ended at 9:00pm

Attorney's Report

There was no attorney's report.

Engineer's Report

There was no engineer's report.

Adjournment

There being no other formal business to come before the Board, a motion to adjourn was made by John Hindrichs and seconded by Ken Jost. Motion passed with all Directors in approval. Meeting ended at 9:04.

Respectfully Submitted,

Rich Hirsch
Recording Secretary

Approved this 13th day of July, 2011.

Secretary
July 12, 2011

Chairman