

MOUNTAIN GREEN SEWER IMPROVEMENT DISTRICT
5455 West Old Highway Road, Mountain Green, Utah 84050
Minutes of the Monthly Board of Trustees Meeting
Wednesday, March 1, 2017

Board Members Present: Zane Gray, Wendy Eliason, Blair Larsen, Lynn Peterson and Gary Ross. **Excused:** Shane Rice and Lannie Jolley **Employees Present:** Robert Volk and Janet Boudrero **Guests Present:** None

Start Time: 7:05 P.M.

Chair: Zane welcomed those in attendance then proceeded to chair this meeting.

Invocation: Zane Gray

Public Comment Period: No Comments

Item # 1. Discussion/Decision: Resolution 170301 for the approval of the Municipal Wastewater Planning Program (MWPP) Report of 2016.

Robert explained the purpose of this report as a way for the Utah Dept. of Environmental Quality/Division of Water Quality to evaluate us and to rank us according to our specific criteria and financial needs for future projects. This is an annual report with just a few changes each year in order to update information on the number of connections and the age of our system etc. Robert had emailed a copy of this report to the board members earlier this month for their review.

Blair asked about one part of the questionnaire that pertains to potential commercial or industrial effects on the system? Robert explained that the question asks if we are “anticipating” any major developers or industrial that would significantly increase our load, and he answered yes. The information we have received from Morgan County that there are plans for some commercial development such as a grocery store and new bank here in Mountain Green that could have an effect on our influent.

Blair then stated that we would need to require them to install a grease trap or basin if we think they will be preparing foods. Robert confirmed that the plan is to evaluate each individual business to determine their specific needs for pretreatment, which might include a grease trap.

Zane asked if Robert had had an opportunity to visit the pet crematorium. Robert said that he had actually stopped by two different times to the crematorium and also to the Flap Jack syrup business to check on their operations and got no response at the door. Robert also reported the horse training facility was a perfect example of why he had to answer that the District “could” be affected in ways that we cannot anticipate. The

horse training facility went in without any advance notice and they hooked the floor drains to wash down the animal waste directly to the sewer. The waste from the horses would have had a substantial negative effect on the levels of BOD, TSS, Nitrates and Phosphorus entering the lagoons, so he had to make them disconnect those drains from the sewer lines.

After more discussion Gary made a motion to approve the 2016 (MWPP) Municipal Wastewater Planning Program Report and Resolution 170301. Lynn seconded the motion. Motion passed. All voted in the affirmative. Motion passed.

Item # 2. Discussion: Cottonwoods Mutual Water Open House for the Rose Hill Development on March 14, 2017 at 7:00 PM.

Robert apprised the board members that the Cottonwoods Mutual Water Company has scheduled an Open House for Tuesday, March 14th at 7:00 P.M. at the Mountain Green Elementary School to discuss the creation of a new Special Service District to install sewer, secondary water, storm drains and broadband infrastructure.

Robert shared that the Gardner's have estimated the construction costs of just the sewer infrastructure for those residents to be around \$333,000 and calculated a monthly payment plan for those residents of Rosehill of approximately \$93.00 per month for those costs plus \$45.48 for sewer charges. They have estimated these fees for fifteen year at 4.5 percent interest.

Robert stated that these figures might not be clear to the residents as they do not include the District's Impact Fee's, Inspection Fee's, or the monthly service fees. When Robert attends this meeting he will make that clarification that there will be additional fees.

Lynn expressed concern that the developers would install the sewer laterals right to those properties and how easy it would be for them to connect without our knowledge of it before the required fees have been paid.

Board members then discussed this item at some length. Blair mentioned that we need to be firm upfront and let them know that they cannot just connect without paying the required fees and annexation costs upfront. He suggested two different options to handle it by figuring out what the cost will be and included in the bond. Blair emphasized that the Cottonwoods Water projected figure will probably be higher , especially when you add the Impact, Inspection and monthly service fees.

Zane made the suggestion that we put in writing a letter from the District to those residents stating exactly what our requirements are. Robert said he is willing to do that, however he does ask that the board tell him specifically what they want in the letter. Gary suggested that the Board request the staff, Robert, to write the letter and email it out to the Board for review and comments before sending it over to Cottonwoods Water.

Blair stated that this project is a possibility, but they have put it in a nice package and he would love to see them be able to do it. Board members briefly discussed these items and the challenges that could possibly be ahead.

Item # 3. Discussion: Record setting flows and land drain requirements

Robert reported that the lagoons experienced record setting flows in January and February which were far beyond the capacities our system was designed to handle. We exceeded the permitted flow volumes on nineteen days in these two months, with the highest flow at over one point one million gallons per day. He further explained that one cause of this surge flow is runoff water from the different developments where there are no land drain systems available. Because of this, some residents have connected their down spouts, laundry drains, sump pumps or perimeter drains to the sewer lines as there is nowhere else to channel the water.

Gary said that he had invited Robert to address the Morgan County Planning Commission so they could understand what our problems are and Robert made a request for them to write an ordinance with the requirement that any new development going into Mountain Green be required to have a land drain system. Gary shared information he had regarding this topic and stated that the County does have an ordinance that addresses land drains but it needs to be tightened up with additional detail and requirements.

Blair shared that the ordinance Gary read is not for land drains but is for surface water or drainage and not sub-terrainium water. He said the land drains are an exact duplicate of a sewer system and just as expensive with 8 " pipe's, required gravel, and manholes. He also said that all cities down below do require land drain systems. Blair also said he does have a set of plans he could share that shows the requirements for the different lines. He also said the best thing is if we can get the County on board with land drains,

Board members shared their thoughts and suggestions regarding doing smoke tests to find illegal connections such as sump pumps and downspouts. Lynn suggested to instead of using the smoke testing we could possibly use a video system that can go up the laterals and snake the line and see if it ties in with perimeter drains or sump pumps. He suggested checking out Twin D or Val Kotter. Robert agreed to call Pro Pipe and Twin D to find out what they have available for testing purposes and if their fees are reasonable. He added that he plans to talk with Kent Smith to see if he would be willing to keep his eye open for those excavators or residents that may tie in illegally.

Robert also addressed how our current District Ordinance stipulates that the manhole covers are supposed to be a fifty-fifty mix of solid and vented covers, but in reality around ninety percent of the manholes on the west end of the District are all vented and creates another inlet for excess water into our system. In order to start correcting this at minimal cost, he has requested that Whisper Ridge Phase II install all solid manhole covers so he can switch some of those out with the vented ones.

Item # 4. Discussion: District Operations for February 2017

Robert updated the Board members on District Operations for February. He said that our effluent continues to measure well and within state requirements and removed over 91% of Biochemical Oxygen Demand (BOD) and 96% of Total Suspended Solids (TSS). E-Coli was Non Detectable. He also shared that due to fluctuating temperatures, rain, snow and snowmelt, our effluent volume exceeded our permit limit of .61 Million Gallons per Day (MGD) on 15 days in February with the highest flow being 1.02 MGD (1,017,000 gallons)

Item # 5. Discussion: District Statistics as of February 28, 2017

Zane asked about the size of the discrepancy on the ERU Status between the ERU's Billing and the ERU's connected. Robert explained that because we just did our Monthly Statement today that he did not have all of the necessary numbers by the time the Agenda was sent out.

Zane also mentioned that hopefully we will soon hear from Shane as he had till February 28th to respond to the Board Chairman regarding his seat on the board and what he intends to do.

Item # 6. Discussion/Decision: Review and approval of the February 1, 2017 Minutes.

After board review of the Minutes, Gary made a motion to approve the Minutes of February 1, 2017. Wendy seconded the motion. Motion passed.

Item # 7. Discussion: The next scheduled Board Meeting will be held Wednesday, April 5, 2017 at 7:00 P.M.

Item # 8. Motion to Adjourn.

Adjourn: 9:00 P.M.

Signed: _____

—