

Earlham Municipal Enterprises Committee
March 26, 2018

The Earlham Municipal Enterprises Committee met on Monday, March 26, 2018, 7:00, at Earlham City Hall, Chairperson Brock Frederickson called the meeting to order at 7:00 p.m. The following members were present: Frederickson, Griswold, Payne. Also present: Public Works Supervisor Coffman, Mayor Lillie, Clerk Hibbs, and Mike Anthony with Shive Hattery.

1. Approve Agenda.
2. Discussion on I&I issues (flow meters and sump pumps), and funding, with Mike Anthony. Mike Anthony and Gary will pin point where to put flow meters in order to evaluate where there is the most flow, then narrow that back to find concentrated areas. Shive Hattery will make sure the meters get installed and operate correctly. Mike & Gary will move them, download data, and interpreting data. How quickly this process goes depends on amount of rain. He believes the bulk of flow is coming from sump lines. City sells on average 80,000 gallons of water a day. The average flow in dry weather to the lagoons is 300,000 gallons a day. Wet weather is 750,000 gallons a day. Decreasing the storm water/ground water amount will help avoid costly upgrades to the lagoon system dictated by the Iowa DNR.

Anthony explained our design standard is for 1.5 million gallons per day. By 2023 we have to be compliant with e-coli and ammonia. We have been looking at systems to control these, but with a design standard of 1.5M gallons everything gets upsized. Nutrients protection standard is currently at 1 million per day, and on wet days Earlham is already at 750,000. If the nutrient protection standard goes up due to water quality efforts, we would have to start looking at a sludge plant or a treatment facility. Griswold asked about city growth. Anthony said that has been figured into the facility study.

City has considered providing some type of financial incentive to those who need to install a sump pump. Coffman provided an estimate for a complete parts list of what is need to install a sump pump, less labor, totaling \$291.93. Thought is to reimburse property owner at least for the parts. You would quality for assistance if you don't have a sump. A lesser amount would be offered for those who already have a sump pump and need to redirect the flow.

City Code already states sump pump cannot be discharged into sanitary sewer. A resolution is necessary to outline process and the non-compliance fee. Mandatory house to house inspections can be done following flow meter testing. Anthony will provide us information on what other cities have done as far as getting information to the public.

Consensus of committee to offer \$350 reimbursement for approximate cost of parts, and \$100 for functional pump that currently dumps into the sanitary sewer that need to be redirected. Mayor stated he believed approximately 75% of houses already have a sump pump.

A letter will be put together along with a Q&A brochure to be sent out to residents/owners as soon as possible. Inspection will determine who needs a sump pump, and who has an active working pump which needs re-plumbed. Discussion also held on giving owners the opportunity to have their bill paid by city and then have amount assessed to their taxes, giving them 2 years to pay it off. (Anthony said 2 years was reasonable since taxes are billed a year behind.) Sump pumps need to be installed by July 1, 2019.

Coffman also noted the rest of the sewers need to be lined according to the integrated plan. He said this is to get rid of I&I in addition to line maintenance. Anthony mentioned that can be put into a project once the urban revitalization is completed and we can borrow against that.

3. Adjourn - Being there was no further business, the meeting adjourned at 8:20 p.m.