

## **Sewer and Water Committee Meeting Minutes 05/27/2014**

**Where:** Township Office

**When:** 10:00A.M.

**Who Present:** Andrew Kemper, Peggy Anderson, Chris Holmes (UPEA) & Bruce Petersen

### **Discussion Points:**

- Discussed the Green Acres Road sewer project. Chris handed out a spread sheet that had three divisions on it with four options contained within each division. Each division coincided with a different “service area” including additional areas/homes. Each of the four “options” were different designs of the needed sewer system. Ultimately option 2 – a “hybrid system” utilizing both gravity flow and a few grinder pumps had the best cost benefit ratio. Option 2 would require obtaining a few small easements along the west side of Green Acres road.  
(see attached spreadsheet)
- Chris and a Technician from UPEA went on-site and looked at a series of manholes for high flows in both communities of Hurontown and Dodgeville plus Isle Royale Estates in an effort to try to find out where our huge flows are coming from in our sewer systems. Ultimately, they could not localize any given area within the three areas that they looked that would point to a major point of infiltration. What was suggested was utilize the pumping logs that Mike Beccia maintains for the lift stations in consort with what UPEA found and possibly do a clean/televise inspection of some “suspect” areas looking for pipe displacement/fracturing, sump pump additions, manhole fractures, etc. The cost for this service would be approximately \$1.50/foot. Once a water infiltration problem is identified through this technology, a cured in place joint restoration would cost about \$50.00/ft. A stretch of the pipe could also be replaced should major damage be identified. Chris will go back to UPEA and look at the areas that were “high priority” but due to lack of funding were not “scoped” during the last project in Dodgeville in 2010. The Supervisor will procure Mike’s flow logs and we will then meet again to figure out what needs to be televised and just what the cost would be to do that clean/televise work. According to Chris there is a possibility that this needed televising could be lumped in to the Green Acres Road sewer project so that televising/cleanout assistance so the Township could identify major infiltration sources could be funded through USDA – Rural Development.

>> Adjourned by Peggy at 11:35 A.M.

Respectfully Submitted:

Bruce Petersen  
Township Supervisor

System Options

75% Grant

Option #	Option	Alternative/ Project Cost	O&M Cost	Users Monthly Cost	O&M PW	O&M PW + Capital Cost	Users Monthly Cost with Undeveloped Land
2	Gravity to City MH in M26 ROW	\$849,245	\$17,704	\$72.15	(\$293,720.30)	\$1,142,965.30	\$64.63
4	Low Pressure to City MH	\$862,330	\$21,057	\$81.28	(\$349,355.95)	\$1,211,685.95	\$73.64
5	Low Pressure to Dodgeville LS	\$1,172,825	\$18,414	\$83.87	(\$305,491.68)	\$1,478,316.68	\$73.49
7	Low Pressure/Gravity to new LS, replace Dodgeville LS	\$1,433,625	\$18,864	\$93.05	(\$312,957.46)	\$1,746,582.46	\$80.36

Median Household Income: \$40,547.00  
Min Rate: \$50.68

75% Grant with Additional Residential South of M-26 & Festival Foods

Option #	Option	Alternative/ Project Cost	Add M26 Residential (6 Houses on south side)	Add Festival Foods Service	Total Project Cost	O&M Cost	Users Monthly Cost	O&M PW	O&M PW + Capital Cost	Users Monthly Cost with Undeveloped Land
2	Gravity to City MH in M26 ROW	\$849,245	\$128,100	\$22,700	\$1,000,045	\$19,783	\$67.48	(\$328,212.20)	\$1,328,257.20	\$61.55
4	Low Pressure to City MH	\$862,330	\$162,100	\$20,950	\$1,045,380	\$24,592	\$78.87	(\$407,994.49)	\$1,453,374.49	\$72.67
5	Low Pressure to Dodgeville LS	\$1,172,825	\$162,100	\$20,950	\$1,355,875	\$21,904	\$78.85	(\$363,407.54)	\$1,719,282.54	\$70.70
7	Low Pressure/Gravity to new LS, replace Dodgeville LS	\$1,433,625	\$162,100	\$20,950	\$1,616,675	\$22,093	\$87.84	(\$366,537.19)	\$1,983,212.19	\$77.68

75% Grant with Additional Residential North and South of M-26 & Festival Foods

Option #	Option	Alternative/ Project Cost	Add M26 Residential (6 Houses on south side)	Add Festival Foods Service	Add M26 Residential (6 Houses on north side)	Total Project Cost	O&M Cost	Users Monthly Cost	O&M PW	O&M PW + Capital Cost	Users Monthly Cost with Undeveloped Land
2	Gravity to City MH in M26 ROW	\$849,245	\$128,100	\$22,700	\$169,900	\$1,000,045	\$21,265	\$64.40	(\$352,799.50)	\$1,352,844.50	\$59.13
4	Low Pressure to City MH	\$862,330	\$162,100	\$20,950	\$169,900	\$1,045,380	\$27,621	\$77.89	(\$458,256.10)	\$1,503,636.10	\$72.26
5	Low Pressure to Dodgeville LS	\$1,172,825	\$162,100	\$20,950	\$169,900	\$1,355,875	\$24,673	\$76.57	(\$409,333.02)	\$1,765,208.02	\$69.55
7	Low Pressure/Gravity to new LS, replace Dodgeville LS	\$1,433,625	\$162,100	\$20,950	\$169,900	\$1,616,675	\$24,861	\$84.18	(\$412,462.68)	\$2,029,137.68	\$75.63

→ south side  
up to Mandh-  
fields + up  
to Mattila's  
pit ≈  
1200ft  
from M-26

*[Faint handwritten notes and scribbles at the bottom left of the page]*