

Village Council Wastewater Task Force Update 12/14/23

- 1) Round up of what the task was,
 - a) Collection Area 3 Examples
 - b) Technology STEP, Sludgehammer,
 - c) Funding Sources
 - d) Economic Impact Plan

- A) **Collection Area**
 - 1) Michigan to Niagara, Lake to M22, Zimmerman Property to Doctors Office.
 - 2) Front St to NPS Park HQ, M22 Zimmerman property to Doctors Office.
- B) **Technology**
 - 1) STEP Septic Tank Effluent Pumping utilizes a second tank with a screen, Floats and pump
 - 2) Gravity still a screen but no pump, pipe to a collection tank & then pumped for treatment
 - 3) Gosling Czubak & Sludgehammer use the same collection infrastructure, differ in the method used to treat grey water.
 - 4) No like for like quotes between two systems but per hook up Sludgehammer system is the most affordable. Also approx. 50% cheaper on maintenance costs.
- C) **Funding** Two competitive sources found to date
 - 1) USDA Rural Development. 20/40 year term @ 3.785%. The village doesn't qualify for any grant assistance as of the 2020 Census our avg. household income is too high
 - 2) EGLE Department of Environment Great Lakes and Energy Clean Water State Revolving Fund. 20/30 years 2.75%. Qualification
 - a) High density population, 1 household per 2 acres & contamination to groundwater.
 - b) Two thirds of the buildable lots in the collection area are occupiedThere are grant/forgiveness funds available periodically, the fund is exhausted at present.
- D) **Economic Impact Study.** After an extensive search for a suitable consultant the Task Force Chose Beckett & Raeder Planning Services. They will complete the plan by April 2024. Cover bullet points.