

SIDNEY TOWNSHIP SEWER ADVISORY COMMITTEE

MEETING

July 6, 2022

A meeting of the Sidney Township Sewer Advisory Committee was held at the Montcalm County Drain Office, 211 W. Main Street, Stanton, Michigan on the 6th day of July 2022, at 10:00 a.m.

PRESENT: Todd Sattler, Drain Commissioner
Terry Peterman, Sidney Township Supervisor
Connie Stewart & Taylor Male, Montcalm Community College
Bruce Jorgensen, Derby Lake Association
Kim Smith, Nevins Lake Association
Greg Ewing, Nevins Lake Association

ABSENT: Shawn Wheat, Sewer Operator
Chris Putt, Derby Lake Association
Don Thompson, Montcalm Area Intermediate School District
Adam Petersen, District # 9 County Commissioner

ALSO

PRESENT: Anne Gaylord, Drain Commission

The meeting was called to order by Todd at 10:02 a.m.

A motion was made by Terry and seconded by Bruce to approve the agenda. Motion carried.

A motion was made by Terry and seconded by Connie to approve the October 21, 2021, meeting minutes. Motion carried.

Operator's Update

See Operator's Update.

Completed and Future Improvements

Todd brought up the stand-by generator and stated that he is having some trouble nailing down price quotes. Taylor stated that the generator that we currently have could have a transfer switch installed to be used as a stand-by generator instead of buying a new one. Todd questioned whether the generator is a need or a want and asked if the cost of a new generator is worth the convenience of owning it. Bruce asked if there had been system failures due to power outages and the consensus was that there had not been. Todd added that even if one pump goes down, the other should still be able to keep up until the generator can be turned on. Todd will reach back out to G&D Electric to get a current quote. He stated that the major upgrades are already scheduled for 2024/2025, so he believes it may be wise to just wait on the generator and lump it in with the upgrades. The committee agreed to table the generator discussion.

North Lagoon Harvest Options

Todd spoke with someone who may be interested in cutting and keeping the hay that would be harvested from the North Lagoon Site. Terry also mentioned that he might have someone interested. Todd is going to reach back out to his contact to see if they would like to do it, if not, Terry will reach out to his contact.

Financial Update

Todd provided a financial update to the board. He stated that he believes that the committee should stick to the current budget of 97k for the next year. He ran through what has been spent and what is still upcoming. He added that we sent an additional payment of 32k to USDA to be applied directly to the principal balance. Bruce asked if the Drain Office is notified when new cans are installed and hooked up. Todd confirmed that the Drain Office is notified, and the resident is responsible for the initial costs and is then charged O&M moving forward.

Debt Service

Todd asked the committee what they believe will be the biggest hurdles with getting the residents on board with debt service implementation. Bruce believes that it needs to be kept as simple as possible when explaining it to the residents. Bruce stated that it should be laid out to the residents that this was an error from the beginning of the project and that the Drain Office should have charged a percent higher in interest from the get-go to put a contingency in place for early payoffs. As of now, with no debt service implemented and no more early payoffs, Sidney Sewer will be out of money by 2036. Taylor asked what would happen if the committee did nothing. Todd told him that the County would step in to pay the deficit but would then turn around and charge the Township. The Township would then have to create a deficit roll to make up the difference and that would be assessed to all township residents and not just those who live in the sewer district. Bruce asked what was needed from the Township to implement the debt service. Todd said a motion or a resolution would be fine. Todd also stated that while the committee should start debt service soon, it wouldn't be the end of the world if it had to wait one more year, it just might be a higher amount billed.

Public Comments

No public present.

A motion was made by Kim and seconded by Todd to adjourn the meeting at 11:25 a.m. Motion carried.

SIDNEY TOWNSHIP SEWER ADVISORY COMMITTEE

P.O. BOX 368 STANTON, MI 48888 (989) 831-7322

Committee Members:

Todd Sattler, Drain Commissioner
Connie Stewart, MCC
Don Thompson, MAISD
Lonnie Smith, MMDHD

Taylor Male, MCC
Terry Peterman, Sidney Township
Adam Peterson, County Commissioner
Bruce Jorgensen, Derby Lake

Kim Smith, Nevins Lake
Greg Ewing, Nevins Lake
Chris Putt, Derby Lake

SEWER ADVISORY COMMITTEE MEETING

Wednesday, July 6, 2022
10:00 AM

Montcalm County Drain Office
211 W. Main Street Stanton, Michigan

Agenda:

1. Call to Order
2. Approval of Agenda
3. Approval Minutes
October 21, 2021
4. Operator's Update – Shawn Wheat
5. Completed and Future Improvements to Lagoon
 - Stand-by generator
6. North Lagoon Harvest Options
7. Financial Update
8. Debt Service
9. Public Comments
10. Adjourn

If you are unable attend, please call the Drain Office at 989-831-7322 prior to the meeting.

*Public Comment is limited to 3 minutes per person

Sidney Sewer 10/01/2021 - 9/30/2022

GL Account Number	GL Description	Account Name	2021-2022 Budget	Expenses	Over/Under Budget	% of Budget Used
809.000	Service Contracts	Sewer Operator Services	\$ 39,500.00	\$ 25,551.23	\$ 13,948.77	65%
816.000	Contracted Services	Contracted Services & Per Diem	\$ 7,500.00	\$ 5,172.09	\$ 2,327.91	69%
703.000	Wages-Dept Head	Admin Costs	\$ 3,000.00	\$ 3,000.00	\$ -	100%
801.001	Legal Consultants	Permits & Legal Services	\$ 4,000.00	\$ 3,650.00	\$ 350.00	91%
836.001	Well Monitoring	Lab & Sampling Services	\$ 6,000.00	\$ 3,316.00	\$ 2,684.00	55%
		Mileage for Oper/Comm Members	\$ -	\$ -	\$ -	
851.000	Postage	Office Supplies & Postage	\$ 500.00	\$ 370.51	\$ 129.49	74%
920.001	Telephone/Utilities-Elec	Electric & Phone Services	\$ 10,500.00	\$ 8,668.73	\$ 1,831.27	83%
935.000	Property and Liability Insurance	County Allocations Insurance & Programing	\$ 6,000.00	\$ -	\$ 6,000.00	0%
930.000	Building Repair	Building & Grounds	\$ 500.00	\$ 347.07	\$ 152.93	69%
955.000	Misc Expenses	Material Supplies & Equipment Rental	\$ 5,000.00	\$ 1,047.01	\$ 3,952.99	21%
955.000	Misc Expenses	Additional Unplanned Expenses	\$ 2,000.00	\$ 2,652.33	\$ (652.33)	133%
931.000	Equipment Repair	System Repairs/Pump Replacement & Parts	\$ 13,000.00	\$ 14,055.30	\$ (1,055.30)	108%
		Totals	\$ 97,500.00	\$ 67,830.27	\$ 29,669.73	

Proposed Improvements and System Replacements	Improvement Items	Estimated Total Cost	Initial Allocation	2021 Allocation	2022 Allocation	Current Year Expenses	Prior Expenses	Remaining Balance	Number of Years to Budget	Proposed Year to Begin Budgeting	Proposed Year to Begin Work	Proposed Year to Complete Work
										2021	2021	2021
973.001	Call Out Box	\$ 2,500.00	\$ 2,500.00			\$ -		\$ 2,500.00	1	2021	2021	2021
	Grinder Can Covers	\$ 18,000.00	\$ 6,000.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ 2,400.00	\$ 11,600.00	3	2021	2021	2023
	Irrigator Tracks & North Field Repairs	\$ 10,000.00	\$ 10,000.00			\$ -	\$ 10,417.00	\$ (417.00)	1	2021	2021	2021
	Aerators	\$ 10,000.00	\$ 10,000.00			\$ -		\$ 10,000.00	1	2021	2021	2021
	Lagoon Site Improvements	\$ 40,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ -	\$ 4,006.15	\$ 20,993.85	4	2021	2021	2024
	Lakeside Lift Station	\$ 250,000.00		\$ 50,000.00	\$ 50,000.00	\$ -		\$ 100,000.00	5	2021	2025	2025
	Totals		\$ 38,500.00	\$ 61,500.00	\$ 61,500.00	\$ -	\$ 16,823.15	\$ 144,676.85				

Revenue Beginning 10/1/2021 - 09/30/2022	
Deposit	\$ 150,490.97
Special Assessment	\$ 32,677.55

Check to USDA 7/5/2022 in the amount of \$32,677.55



3155 S. Hillman Rd.
Sidney, Mi. 48885
Ph: 231-884-2548
swheat@greenvillemi.org

To: The Montcalm County Drain Commission Office
From: Shawn Wheat, Wastewater Operational Strategies & Planning LLC.
Date: July 3, 2022

RE: Sidney Township WWTF and Associated Systems
O & M Service for June, 2022

Flows

- The Sidney WWTF flow meters indicated a flow of: **Tech Center Flow- 19,472 gallons, MCC Flow-42,370 gallons, Lake Side LS Flow- 426,473 gallons. There was 2,559,276 gallons of effluent pumped this month.**
- Total Gallons received this month- 488,315.
The pump station flows were lower last month. MCC had lower flows and the Tech Center had lower flows.
Everything seems to be performing well. The level in the first lagoon is now at 6.0 feet. Lagoon two is at 4.2 feet and lagoon three is now at the 4.2-foot mark.
- The water use meter reading for the month was: 23767.39

Call Outs

- I had a total of five call outs this month.
- The first call out was to 2295 Lakeside- complained alarm going off I could not duplicate problem.
- The second call out was to 2575 Lakeside- line backing up in house pump test good they had a plug in their line.
- The third call out was to 2474 Lakeside- sewer leak by grinder can- was confirmed and repaired.
- The fourth call out was to 2859 Island Drive after hours- found bad stator, motor control and transponder.
- The fifth call out was to 2824 Lakeside- Bad transponder and lower bearing.
- The sixth call out was to
- The seventh call out was to
- The eighth call out was to
- The ninth call out was to

O & M

- For the month of June
 - Always working on maintenance list.
 - Have been working on pumps and changing some of them over to hardwire.
 - The rest of the month has been spent inventorying, doing daily flow reading, Weekly inspections and lots of mowing.
 - I am working on establishing an inventory of parts for the system. I now have some parts on hand for repairs and have to order some more repair parts.
 - All that is left at the lift station is to build a parts storage shelf inside for pump parts and manuals and the call out box does not work again. I will be doing some maintenance changing bolts and washers on piping and some touch up corrosion treatments with clean up and painting.
 - Aerators 1, 2 & 3 pulled for season.
 - Working irrigators getting them ready for discharge season.
 - Quarterly monitoring well samples are due again in August.
 - Semi-annual generator maintenance is due in November.
 - Repaired several pumps this month, cleaned up some parts. Some E-one parts are getting hard to get again.
 - Started putting effluent pump #2 back together. Quickly went through effluent pump #1 since it was not pumping well. Did some clean up on it and some adjustments. Working well so far.
 - Pump House heater still down.
 - Effluent flow meter down- I have it scheduled.
- .

Administrative

- The new discharge permit paperwork is posted for the 30-day review and comment period at the College, the Sidney Post Office and the store. EAGL is behind on re-issuance of permits. (Still in work)
- Working on material, parts and tool orders. Now have repair clamps.
- I am conducting regular inspections and doing the monthly DMRs.
- To the end of June, I have put in 271.5 administration hours.
- Effluent sampling and testing have begun for the year.
- I am continually adding new equipment maintenance files.
- Weekly Dos are beginning for the season.
- Quarterly Monitoring Wells are due in August.
- Learning GIS so I can keep records updated as system changes.

Future Activities

- Finish equipment, tool and supply acquisitions (on going)
- Finish putting together the shop area.
- Start putting together MSDS book and getting safety supplies. (In work)
- Making up maintenance files for each piece of equipment. (almost complete).
- Start on work bench
- Finish putting together tool box
- Come up with a way of hoisting aerators out of lagoon myself.
- Install fire extinguishers. (almost complete)
- Look at irrigator maintenance that needs to be conducted before next discharge season. (will need to change oil and ~~check tire lugs~~ and pressures and hoses) (in work) (will order necessary parts) (some done more to do)
- Deal with raising the shut off on the corner of Lake Side and Derby due to road construction.
- Change over pumps to hardwire controls- problems with transponders
- Paint structures valves, vent pipe, and monitoring well structures.
- Repair Irrigators A, B, C, D&E. (some work done more needed)
- Paint Lagoon Valves.
- Paint and lube monitoring well structures.
- Effluent Pump Maintenance (have tools) Will work on repairs this month. #2 going back together.
- More system maintenance.
- Fix Monitoring Well 8 structure
- Remove tree on fence and get fence repaired (tree removed)
- Heater in pump room down again. Have narrowed the problem down to something in the control bucket on the MCC is bad. (Transformer) Bought a temporary unit to keep the building heated until I get it figured out and the part ordered to repair unit. Have part to repair.
- Ordered some of the parts for two upcoming new customers this summer.
- Zero Turn mower broke belt. Will get belt and repair. (repaired)

Comments:

June, been a busy month. Worked on cleaning up E-one parts in shop trying to keep a working supply on hand. Busy month with call outs and pump repairs. I have been working on keeping up with pumps and working on the changeover. Been having a lot of problems getting parts. I have convinced E-one to let me change the pumps over to hard wire which will eliminate two parts I have to have for these pumps including the Transponder which is causing several other failures. I have received the fourth twenty-five kits and have changed over seventy- six (78) pumps. We have three spare pumps and no spare motor built. I have also cleaned up some of the parts and have repainted them and put them on the shelf for re-use.

The north field still no farmer. Todd and his crew have placed crushed concrete in irrigator tracks (mostly complete) and have pushed back the olive molve bushes along the fence and back of the field. We are looking at cutting and haying the field ourselves. I will get the rest of the rocks and debris picked up and I will mow the edge and the hill with the lagoon mower and leave the rest for hay this year. Ready to HAY!

I have several small repairs to do out in the system that were found during the SAW inspection. I am working on whittling that list down as I have time.

Miss Dig sewer markings seem to be the norm over the summer months these days. A lot of people changing things around the lakes one project at a time. All ready been busy with these this spring/summer.

I now will have an install on Nelson and the Church on Nevins Street. I ordered the pumps, cans, ballasts, curb stops. I still need to order the piping and the saddles. Which I will do once I see where the customers want the cans and how far it is to the main and the main size.

I will have to move a pump and can on Spring Grove. They are adding to the house and building a garage so it will be in the way. Looks like so far people are waiting due to prices and inventory so maybe no moving cans and install this year. (this year?)

Already Summer!