

Hooksett Sewer Commission
January 8, 2018
Minutes

INITIAL	COMMENTS
B	
FRK	
RB	

The meeting was called to order at 12:00pm. Present were Chairman Sidney Baines, Commissioner Frank Kotowski, Commissioner Roger Bergeron, Superintendent Bruce Kudrick and Kim Langlois.

Approve and Sign Minutes from December 18, 2017

Commissioner Roger Bergeron made motion to accept the December 18, 2017 minutes as read. Commissioner Frank Kotowski seconded. Motion was carried unanimously.

Approve and Sign Manifests

Read Correspondence

Financial Report: None

Scheduled Appointments: 12:00 Hooksett Economic Development Advisory Committee. In attendance were: David Scarpetti, Mark Miville, Jim Donaldson, Alden Beauchemin, Dr. Shankle, Don Winteron and Jeff Larabee.

Superintendent's Report:

DMR: 1 Violation due to cleaning, retested after the cleaning and everything was normal.

Bruce handed out charts with the Plant Flows (See attached)

SNHU is putting in a bunch of parking lots. Bruce went over the plans that were sent over with the Commissioners. None of the parking lots are really of any concern to the Sewer Commission.

Bruce discussed renewing the NPDES permit for the Waste Water Treatment Plant, this gets renewed every five years. Bruce is gathering all the information needed for the permit and will have it looked over to check for errors before sending it in.

Bruce passed out an estimate that Graves Engineering submitted on what it would cost for them to evaluate the Main Street pump station. There have been ongoing issues with this pump station that Bruce has tried to remedy himself. This particular pump station takes care of seven houses. Bruce recommended having Graves Engineering evaluate the pump station. Commissioner Bergeron made motion to approve and sign the estimate that Graves submitted. Commissioner Kotowski seconded. The motion was carried unanimously.

Bruce said the sewer lines at the bridge are near completion. Bruce is going to TV the lines hopefully on Thursday, a sewer test will be done and hopefully the sewer will be in service by Thursday. One thing that Bruce noted was that the tank at the bridge needs to be pumped and the contents need to be sent to Allenstown, there is too much grease in the contents for the Hooksett Plant to take.

Bruce has done a lot of research for the interview process for the Assistant Superintendents position. He is going to have Superintendent's for larger plants come in and listen to the interviews he does with the applicants. The Commissioners received a copy of the packet Bruce put together and will go over it.

Mary Jane Meir (from DES) will be at the next Commissioner's meeting on January 22, 2018 to discuss the grade certifications needed for the plant.

Hooksett Economic Development Advisory Committee

The members of the committee, along with Jeff Larabee came in to discuss connecting 3A to the sewer. The Sewer Commission wants to help make this project happen but has to assess it from all angles. Jeff Larabee is possibly building a hotel on 3A and would be interested in connecting to the sewer. There have been ongoing discussions regarding the sewer connection, this meeting was a first between the Sewer Commission and the Hooksett Economic Development Advisory Committee. Commissioner Frank Kotowski thinks it would be beneficial to build the pump station near 3A. Commissioner Kotowski made motion to move forward with building the pump station near 3A, Chairman Sidney Baines seconded, Commissioner Roger Bergeron was not in favor. At this time Chairman Sidney Baines suggested to table the motion of moving forward with the pump station near 3A until they have all had an opportunity to discuss it together and include Bruce Kudrick in the discussion (who was not able to stay for this discussion). Chairman Sidney Baines made motion to table the motion on moving forward with the pump station on 3A. Commissioner Bergeron seconded, the motion was carried unanimously.

Old Business: None

New Business: None

Non-Public Session: The Commissioner's did not go into non public session

Public Input: None

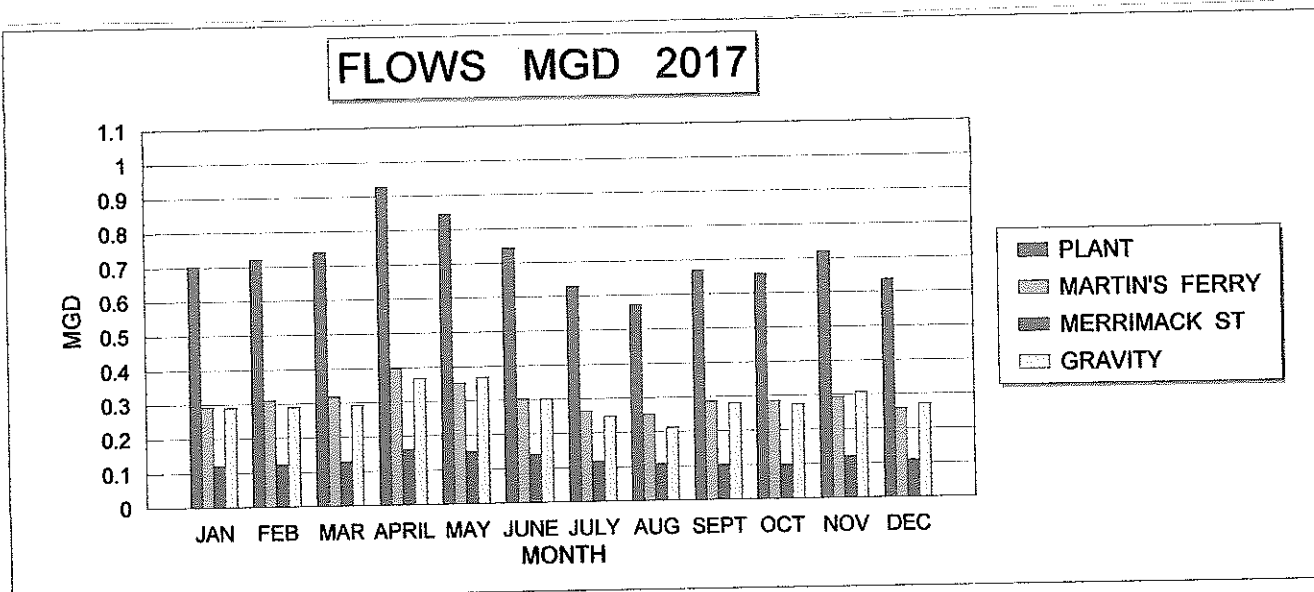
Adjournment: Commissioner Roger Bergeron made motion to adjourn at 1:52pm, Commissioner Frank Kotowski seconded. The motion was carried unanimously.

Respectfully Submitted,


Commissioner Frank Kotowski

Clerk

		FLOWS		MGD	2017
MONTH	PLANT	MARTIN'S FERRY	MERRIMACK ST	GRAVITY	
JAN	0.703	0.292	0.121	0.290	
FEB	0.721	0.309	0.122	0.290	
MAR	0.740	0.318	0.129	0.293	
APRIL	0.927	0.398	0.161	0.368	
MAY	0.845	0.353	0.151	0.368	
JUNE	0.743	0.302	0.140	0.301	
JULY	0.628	0.264	0.116	0.248	
AUG	0.572	0.252	0.107	0.213	
SEPT	0.670	0.287	0.102	0.281	
OCT	0.658	0.285	0.098	0.275	
NOV	0.720	0.293	0.120	0.307	
DEC	0.637	0.258	0.108	0.271	
AVG	0.714	0.301	0.123	0.290	
DEC/2016	0.663	0.260	0.106	0.297	
DEC/2015	0.681	0.267	0.105	0.309	
DEC/2014	0.839	0.361	0.133	0.345	
DEC/2013	0.602	0.264	0.096	0.242	



TOWN OF HOOKSETT WASTEWATER PLANT				
YEARLY PLANT FLOWS				
	PLANT	MARTIN'S FERRY	MERRIMACK ST	GRAVITY
2000	0.676	0.274	0.105	0.297
2001	0.673	0.270	0.096	0.307
2002	0.692	0.285	0.091	0.316
2003	0.809	0.323	0.108	0.378
2004	0.806	0.321	0.122	0.363
2005	0.804	0.362	0.142	0.300
2006	0.825	0.372	0.145	0.308
2007	0.718	0.317	0.121	0.280
2008	0.921	0.371	0.148	0.402
2009	0.817	0.347	0.140	0.330
2010	0.652	0.321	0.123	0.208
2011	0.734	0.344	0.134	0.256
2012	0.647	0.286	0.114	0.247
2013	0.676	0.307	0.118	0.251
2014	0.69	0.316	0.118	0.256
2015	0.635	0.278	0.106	0.251
2016	0.663	0.260	0.106	0.297
2017	0.636	0.258	0.108	0.27
AVG	0.736	0.318	0.121	0.297

SCOPE OF SERVICES

It is the ENGINEER's understanding the CLIENT recognizes the pneumatic pot ejector sewage pump station that serves a few homes on Riverside Street, Robie's Store, Village Water Precinct Office, and the American Legion is outdated and probably needs to be replaced. This ejector system is approaching 50 years of age as it was constructed in 1969.

Initially our thoughts were to compare replacing the existing pneumatic pot ejector system in kind with a new submersible sewage pump station. Upon further investigation, the ENGINEER believes the replacement of the existing system in kind with a new pneumatic pot ejector system would not be prudent. These systems are antiquated and are being replaced by submersible sewage pump stations. The ENGINEER replaced a failing pneumatic pot ejector system with a submersible sewage pump station for a different client in 2014. In our opinion, it's only a matter of time before pneumatic pot ejector systems are no longer manufactured or serviced; simply, they're obsolete.

Therefore, the ENGINEER suggests this Replacement Assessment focus on replacing the existing pneumatic pot ejector system with a submersible sewage pump station. More particularly, the ENGINEER proposes to:

1. Conduct a site reconnaissance with the CLIENT's Superintendent.
2. Solicit and review available assessor's maps pertaining to property ownerships in the immediate area.
3. Solicit and assess historical water use records to compute probable wastewater flows through the existing ejector sewage pump station.
4. Determine the size of the existing electrical service to the existing ejector sewage pump station.
5. Perform rough hydraulic computations to define required pump size and force main size.
6. Develop a submersible sewage pump station layout scheme for the Project.
7. Assess emergency wetwell storage versus a standby emergency electrical generator for use during an electrical power failure.
8. Develop an ENGINEER's opinion of possible construction value.
9. Assemble the findings and layout sketch in a letter report complete with the ENGINEER's opinion of possible construction value.
10. Attend a meeting with the CLIENT to review the finding and answer questions.

FEES

Assessment (Tasks 1 through 10)	\$5,500.00 (fixed fee)
Any other service	Standard Unit Rates

SPECIAL CONDITIONS

The following costs and/or services are excluded from this contract:

- A. Printing and mailing costs.
- B. Any design services beyond conceptual level.
- C. Any meetings beyond those specifically identified herein.
- D. Any service not specifically described herein.