



COHASSET SEWER COMMISSION
Meeting Minutes

Tuesday, April 13, 2021

In Attendance: William McGowan, Chairman
Wayne Sawchuk, Clerk
Paul Kierce
Brian Joyce
Dan Coughlin
Rod Hoffman

Meeting Open: 10:04am

Next Meeting: Tuesday, April 27, 2021 @ 10:00am Regular Meeting

Approval of 3/30/21 Meeting Minutes:
Postponed until next meeting.

Diab Lane:

Refer to letter dated April 1, 2021 from Attorney Ryder. The applicant needs to submit another \$2,100 for the 3 applications. These applications need to be reviewed by engineering.

MOTION: Bill McGowan motions approve the letter submitted. Seconded by Wayne Sawchuk.

All in favor

Motion amended to say the permits are approved upon the town engineer review and approval and the receipt of the funds. All in favor.

Building Permits:

John Halin present. Woody Chittick advised Sewer Commission a meeting of some sort will be done every 3 weeks review the planned construction activities. This is so all heads of the boards will know what is happening and to share knowledge as applications come in. Demolitions and Change of Use will also be noted. The building department doesn't want to leave the sewer connection to the end of a project in some cases. Therefore, the sewer connection may be required to be in place prior to getting a permit.

I/I:

Scott Papa, Rob Scott and Peter Lawrence present. PL drafted the I/I Report that was submitted. Review of 2019 report indicated a lot of I/I on Main Street. Flows of the plant were reviewed. On average there was about 75,000 gals per day. I/I slightly down from last 2 years. Report describes what work was completed in 2020 and what work is proposed for 2021 and the I/I calculations. It also discussed the towns work on Manhole project and the Membrane Bioreactor replacement as well as on-call maintenance and excavation completed.

2021 improvements for Elm St. area (from Cohasset Harbor Inn to the Red Lion Inn) was discussed with Brian Joyce, may be done in conjunction with the water main work and the roadway paving. Previous CCTV identified infiltration so this would be an opportunity to complete rehabilitation work and possibly mitigate Infiltration. If there are funds available, it may be wise to put marsh work under that project. Gravity sewer laterals are connected to the marsh- so consideration for putting those on low



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pressure system and connect onto Elm St. or maybe gravity. Waterproofing of manholes has been done DC: some services found to be leaking were replaced 8 -9 years ago. WS: inspection of the 5 manholes that contribute majority of influent going into the plant, may help to identify which area is contributing the most infiltration. This can be done by putting in the readers as well. DC: New baseline for tracking the flow and we may be able to isolate where the majority of that flow is coming.

RS: 3 units have been ordered, but not on site yet. Plan is to put the units near the main manhole at the treatment plant. Addressing the defects on the Elm St. Corridor is still a focus. Clay pipe in that area has cracking and some active leaks. DC sent information about what to concentrate on, to the Board,. Lines may have to be replaced or at least repaired. Repairs will eliminate I/I. Installation of a liner from manhole to manhole for the areas in danger of collapsing can also be done. Gravity PVC with gaskets able to withstand 35psi would be used if sections need to be replaced.

PL: The towns best interest is to inspect the pipes to get current condition. Trenching rehabilitation of existing pipes is effective in removing infiltration. Replacing lines for that whole corridor would be triple to four times more costly.

Next steps: take a look at the condition via CCTV inspection, identify locations requiring excavation and determine if Infiltration can be removed via trenchless means.

DC: the last CCTV in 2011. Recommend pipes along that corridor be CCTV'd again. Discussing how the individual homes connect to the pipes if it goes manhole to manhole.

Sump Pumps in those areas need to be addressed. There was a discussion in the past to do an amnesty program to allow homeowners to re-direct sump pumps to a dry well. or impose a fee or penalty structure that will force homeowner to disconnect sump pump.

The I/I report for NPDES Permit was submitted on 3/31/21

CCTV - 5 year rotation. We need to figure out the budget to camera that street. If W&C is going to do the CCTV will have to set up Terms and Conditions. ToC need an estimate of cost. W&C will get at least 3 different quotes.

Flow meter in North Cohasset: Change gel between the probe and pipe - needs to be done every 6 months.

Other Business:

NPDES Permit: No concerns from technical standpoint. Permit good for 5 years. Discussion on the set limits. State vs Federal. Since we have new membranes will the nitrate #'s go down? Sludge will be processed differently - to be determined. The new membranes have a higher demand for oxygen compared to the old ones. All 5 blowers have to run. The efficiency comes from adding a variable frequency drive. Based on demand. WS wants to see some redundancy for when things break etc. Nitrogen testing (monitoring) will be done all year. Additional testing needs to be done.

Public Comment Period for the NPDES Permit ends on May 10. If there are any comments from Cohasset, it should be submitted before then. - add to next meeting agenda.

Sewer Application, Connection/Disconnection and Modified Use Permit Policies: voted and approved in Sewer Meeting on March 16, 2021. RH will review language.

Engineering Service Contract:

DC added some comments to the contract, RH will review it. This will be voted on at the next meeting.



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Easement Release: WS requests a running total of easement documents received. Prepare a simple reminder send out to the ones that haven't returned the easement document.

FY2020 Sewer Annual Report: WS will review.

Meeting Adjourned: 11:15am

MOTION: Bill McGowan motions to adjourn, Wayne Sawchuk seconds. All in favor