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Colchester Sewer and Water Commission

**Minutes of the December 13, 2018 Regular Monthly Meeting
7:00 P.M Colchester Town Hall. Meeting Room 1
127 Norwich Avenue
Colchester, Connecticut**

Members Present: S. Coyle, R. Silberman, R. Peter, M. Hayes, K.Fagnoli,
T.Hochdorfer

Members Absent:

Others Present: Pam Minella (Public Works), Stan Soby (BOS Liaison)

Regular Monthly Meeting

1. **Call to Order-** Chairman Coyle called the meeting to order at 7:00 p.m.
2. **Approval of the Sewer and Water Commission November 8, 2018 Regular Monthly Meeting Minutes–** Motion to approve the minutes of the November 8, 2018 Regular Monthly Meeting Minutes as submitted, by R. Peter, second by T. Hochdorfer ; Motion approved 6-0.
3. **Citizen's Comments** - None
4. **Subcommittee Reports**
 - A. **Finance – Transfers, Monthly financial reports, Quarterly billing, Disputes, other**

Transfers – None
Monthly Financials – Discussion.
Quarterly Billing –As of 11/30/2018 we have billed out 52.9% of the projected budget FY 18-19 and collected 49.41% of the projected budget.
Disputes: None.
5. **Water Activities**
 - A. **Water Activities Report – November 2018**
 - 1) Service Work: Mark outs, Samples –Dist. And Source Finals. Profiles, Service Calls, Quarterly Readings conducted 9/4, respond to customers complaint issues, Elevated sodium and testing.
 - 2) New Developments – 2 Northwoods .

- 3) Water Hauling – Halted with Voluntary Conservation Notice –Still in effect.
- 4) Cross Connection Surveys
- 5) Main breaks: 252 Stollman Road – boulder under main.
- 6) Vacation rotation.
- 7) Additional distribution Testing for Sodium.
- 8) Service calls to determine high use at individual locations.
- 9) Determine and arrange new Lead and Copper test locations throughout distribution system.
- 10) Filtration Vessel #1, Leak and Failed Weld. Coordinate with Weston and Sampson (Plant Design Engineer) for resolution and responsible party. (i.e. Manufacturing Defect).

B. Water Projects Status –

- 1) See individual items below.
- 2) Initial Review of apartment development on Lebanon Avenue.

6. Sewer Activities

A. Joint Facilities Report – October Meeting Update.

B. Sewer Activities Report – During the reconstruction of Old Hartford Road, an oversized manhole was discovered that had been buried over which contained an air release valve that has significant rusting issues. The manhole riser will be installed prior to final paving, however the air release valve will likely need to be replaced in the near future. Update: Manhole arrived after paving, awaiting delivery of Air Release valve to finish work. (Same)

C. Sewer Projects Status – Prospect Hill Pump Station - September high rainfall storm 9/25-26/2018 required the wetwell area to be pumped out due to high inflow. These cost were separated and included with the PDA for the Town in regard to a possible FEMA declaration. After Coordination with Joint Facilities, pumping services were not utilized, but were on standby.

7. Old Business

A) RFP 2015-16 Engineering Services Well 3A Project – Background. Well location adjustment required due to obstruction at 38 feet below surface. 20 feet away depth to 68 feet occurred. Sister well (2 feet away) indicated delay in recharge rate. Due to proximity of pump well, it was determined to place new sister well 14 feet away in order to obtain a more diverse indication of the local area recharge rate. Pump tests conducted on revised location and secondary location closer to existing Well 3 building. Awaiting calculations and design contract to be delivered to us for First Selectman signature (Done and delivered). Meeting held with Weston and Sampson and S.B Church to review design. Proposed well design to be a 48”-54” outside casing with a 24” withdrawal casing. Screen location to be 7 to 9 feet in length at the 40 to 49 foot depth. Instead of gravel pack, the annual fill is proposed to utilize SiLi Beads gradation. The beads have been utilized successfully in other states and are less subject to iron clogging that is problematic with gravel packed wells, therefor the well will require redevelopment less. They were instructed to prepare the final design plans for submission to DPH. Conservative calculation anticipates a withdrawal rate of 350 gpm which would be sufficient to maximize the permitted diversion totals for the well field. Weston Sampson meeting with DPH for approval postponed due to DPH rescheduling.

Conducted. SiLi Beads has been approved for well media. Location adjustment paper work submitted. Final Design documents being prepared, expect contract specification documents in 30-45 days. Meet with consultant for initial review of the specification documents. 7/2/18. September 6, 2018. Finally receive Amended Well Site Approval Certification from DPH. (see attached). Meeting with Weston and Sampson and Church set for 9/13/18 to determine start of well drilling and final plan delivery. Update, Church is concerned with cost associated with the larger exterior casing drilling cost and has forwarded an alternative to Weston and Sampson. I have directed that Weston and Sampson obtain and forward directly to me the costs for both proposals and the relative performance differences. It is anticipated that a reduction in yield would be approximately 5%. **Update** Construction Documents received and staff review occurred and returned to Engineer for revision.

B) Prospect Hill Pump Station – Replacement of check valve. Check valve material arrived at Joint Facilities. Awaiting low rainfall timing for installation.

C) DEEP – Diversion Permit Extension – Discussion and Action.

RFP 2018-05 was awarded and contract signed with Milone and MacBroom. Kick off meeting and initial research at D.E.E.P. indicates that no unusual requests are anticipated from State staff and meeting deadline is not an issue. Continuing to support consultant requests for information. Initial submission review commencing. **Update: Final Diversion Permit submitted to, and acknowledged by DEEP on Nov.30, 2018.**

D) Water Rate Structure discussion. - Attached is the front portion of the annual budget (Water Portion), with a line item percentage of fixed cost. Dependent upon the inclusion of labor, the estimated quarterly charge could be \$71 (with labor) to \$18 (without) as the base rate.

8. New Business –.

9. Adjourn - Motion to adjourn, by K. Fargnoli , second by R. Silberman ; Motion approved 6-0. Chairman Coyle adjourned the meeting at 7:31 p.m.

Respectfully submitted,
James Paggioli, L.S.