

# Memorandum

TO: Joint Stormwater Committee Members

FROM: Annie Costandi, E.I., Stormwater Coordinator/Staff Engineer  
Chelsea Mandigo, Environmental Technician

DATE: October 19, 2017

SUBJECT: Brief Summary of October 18, 2017 Meeting

MEMBERS PRESENT: Annie Costandi, Chelsea Mandigo, Dennis Lutz, Jim Jutras, George Tyler, Max Levy, Mike Plageman, Harris Abbott ABSENT: Patrick Scheidel

## 1. Call to order 5:35 PM.

## 2. Brief Updates

### a. Street Sweeping Study

- i. Informed the group that the Village/Town are providing samples of catch basin cleanings and street sweeping cleanings for the next year as part of USGS/State of VT Study.
- ii. Discussed goal of study to create phosphorus credit for material currently being removed. Modelling will occur to see how much more phosphorus credit can be obtained through improvement of street sweeping and catch basin cleaning BMPs.
- iii. Tree canopy being examined by UVM due to varying phosphorus content in leaves based on tree species. Trying to determine if timing of sweeping and tree species results in more phosphorus capture.
- iv. Harris asked where the Phosphorus targets are derived from.
  1. Discussed basis of TMDL

### b. Deicing Conference/Chloride Testing

- i. Updated the group that Watershed Consulting Associates (WCA) is working on the final report and recommendations for future monitoring. Report will be completed in early November.
- ii. No new information on when/if the State plans to issue chloride TMDLs on individual streams.
- iii. The Town/Village holding their winter maintenance operations training on October 30<sup>th</sup>. Dennis is planning to present on chloride and demonstrating how the amount of salt needed to treat an area varies based temperature. A demonstration on how to properly calibrate a truck is planned.
- iv. Chelsea and Annie attended the first annual Lake Champlain Deicing Conference hosted by Lake Champlain Sea Grant, UVM Extension, and the Winooski Natural Resources Conservation District hosted the first annual Lake Champlain Deicing Conference. Focus was on the environmental impacts of chloride and best management practices for salt application.

### c. Expired Permits Incorporated under MS4 Permit

- i. Group was informed that both the Village and Town have officially incorporated the expired state stormwater permits into their respective MS4 permits.

## 3. Private CB Agreement

- a. Chelsea explained the need to establish a municipal fee schedule for cleaning private catch basins that have signed a Type II Stormwater Agreement per Section B.2.b.v.

- i. Village Land Development Code (LDC) does not have a fee scheduled for the Vactor truck which is the piece of equipment used to do the work.
  - 1. Discussion occurred on how to establish rate.
    - a. Committee determined to use the FEMA rate \$74.20/hr. for the Vactor truck plus the PW labor rate in the Village Land Development Code (LDC).
- ii. Discussion occurred on liability related to working on private infrastructure.
- iii. Committee agreed this will be a onetime agreement.
  - 1. Village/Town staff will work to update the LDC Public Works Fee Schedule for future work.

#### **4. Update on Grant Awards**

- a. Reviewed MEMO: Stormwater Grant Project in Town/Village
- b. Discussed the two design alternatives of the Sydney Drive Pond Retrofit. D&K is looking into additional questions the Town asked regarding the sizing and layout of the system.
  - i. The Alternatives presentation to public is tentatively scheduled for November.
- c. Fairview/Main Street Gravel Wetland project changed to a two phase project due to Main St paving this summer.
- d. Discussion occurred around DuBois & King Engineering and their ability to complete two grant projects currently working on in the Village/Town.
  - i. Dennis has received interest inquiries from engineering and consultant firms to work on our stormwater projects. A list is being kept for when future RFPs are released on our grant projects.

#### **5. Phosphorus targets for the Town/Village**

- a. The Town/Village were each given their Total Reduction Target (kg/yr.) by Lake Segment from the State.
  - i. Dennis put together and reviewed with the group a document listing what items/projects can be applied towards the Total Reduction Target for each municipality.

#### **6. Developed Lands**

- a. Group was briefed on the upcoming Developed Lands Permit for parcels with 3 acres or more of impervious area.
  - i. State will contact property owners directly.
  - ii. Little information has been released about the permit.
  - iii. Municipalities are not responsible for ensuring parcels comply with the permit unless it is a municipally-owned parcel.
- b. Shannon developed a 3+ impervious acre parcels for Village/Town. Lists have not been reconciled with the State's list as they have not been released.
  - i. Discussion occurred as to how not all properties will have to conduct full scale stormwater project.
- c. Town/Village working to address how they can work with private property owners including partnering on grants.
- d. Discussion occurred regarding the \$50,000 per acre impact fee property owners will have to pay if their existing stormwater system does not meet requirements on 75% of their site.
  - i. Jim mentioned that the impact fee might not be high enough, while others wonder how private landowners could afford it.

#### **7. Municipal Roads General Permit (MRGP) and Gravel Roads:**

- a. Informed group we will be required to create a road management plan that will bring all hydrologically connected road segments up to standards by 2037. Highest priority segments must be addressed within the first 5 years of the permit.
- b. The CCRPC completed the road erosion inventory on the Town's gravel roads and the Town's/Village's paved roads. Chelsea and Annie reviewed the data with Shannon and the CCRPC. A list of road segments will be created based on priority in inventory to create a plan on addressing the segments.

#### **8. Discussion on Project Funding**

- a. Discussion occurred as to how the Town/Village can raise matching funds for grants the State currently has available for municipalities to implement clean water projects. The Town/Village has project lists ready that will work towards MS4 and Lake Champlain TMDL permit compliance requirements.
  - i. Two financing options available:
    - 1. Bond vote at the Town Meeting for about \$1 million
    - 2. Add a half-penny or a penny on the dollar in the stormwater capital budget.
  - ii. Dennis will provide more information to the Selectboard/Trustees as to what these financing options will look like.
  - iii. The Committee gave the approval to continue to apply for grants.
    - 1. Application will be submitted to the Better Roads Grant is due November 17<sup>th</sup> and the VTRANS Alternatives Project Grant is due Nov. 22<sup>nd</sup> both requiring a 20% local match.

#### **9. Update on Clean Water Fund (Act 73) Working Group**

- a. Updated the group on the Clean Water Fund (funded through a surcharge on the Property Transfer Tax) which was originally set to sunset on July 1, 2018 but has been extended until 2027 by the State Legislature resulting \$4 million in revenue.
- b. Legislature agreed to allocate \$24 million in capital funds to clean water in FY18/FY19.
- c. Act 73 Working Group released a draft report on their recommendations on October 18<sup>th</sup>. Copies of the report were handed out to members at the meeting.
  - i. Final draft is due to the Legislature on Nov. 15<sup>th</sup>. The Working Group is accepting comments on the draft until Nov. 1<sup>st</sup>. Any comments on the draft report from the JSWC can be submitted to Annie by Oct. 27<sup>th</sup>.
    - 1. Informed the group MS4s plan to submit comments and provided a copy of the email to the group with a draft list.
- d. Annie mentioned the group's charge was to determine a long-term and effective funding mechanism for clean water projects and the report does not achieve this.
  - i. Reviewed pie chart indicating municipalities are expected to fund 33% (\$25 million) of the estimated \$79 million in clean water revenues. Private landowners are expected to fund 14% (\$11 million).
- e. The MS4s are staying engaged with the Act 73 Working Group and Ad Hoc Committee. The MS4 representatives on the Ad Hoc Committee are James Sherrard, from Williston, and Jenna Olson, from Burlington. Updates will be provided to the JSWC.

#### **10. Discussion on what's coming next: MS4 Permit. Notice of Intent, and Phosphorus Control Plan**

- i. Draft MS4 permit was supposed to be released in September with a 60-day comment period. No permit has been release. The committee will be informed when a draft permit is released.

- ii. Once the comment period is over and the MS4 permit is issued, the Town/Village have 60 days to write the Notice of Intent.
  - iii. Municipal Highway and Stormwater Mitigation grant was awarded to Town/Village to hire an engineering/consultant firm to develop the phosphorus control plan that is required under the MS4 permit.
- b. Discussion occurred about Conservation Law Foundation (CLF) and if they are planning to take action on any of these permits being released.

**11. Meeting adjourned at 7:30 PM.**