

Mt. Agamenticus Parking & Lease Planning Subcommittee

Monday September 24, 2018

York Water District Office Training Room 3:30 PM

SUBCOMMITTEE MEMBERS: Two Town of York Selectmen, Dawn Sevigny-Watson & Mike Estes, Two YWD Trustees, Andy Belliveau & Rick Boston, York Parks & Recreation Director Robin Cogger, Mt. Agamenticus Conservation Coordinator Robin Kerr, YWD Superintendent, Don Neumann and YWD Assistant Superintendent Gary Stevens.

September 24, 2018 3:30 PM SUBCOMMITTEE MEETING NOTES:

Member Attendees: Selectman Todd Frederick sitting in for Selectman Mike Estes, Rick Boston, Andy Belliveau, Robin Cogger, Robin Kerr, Don Neumann, Gary Stevens.

Guest Attendees: Ryan Coite YP&R Dept., Joseph A. Ducharme Clivus New England Inc. Jon Edgerton Wight-Pierce (W-P) Engineers.

Member Invitees unavailable to attend: Dawn Sevigny-Watson and Mike Estes

3:30 – 4:30 CLIVUS PRESENTATION AND QUESTIONS

Joseph Ducharme of Clivus New England was invited to give a presentation today on Clivus composting waste treatment and greywater reuse systems.

These systems are located throughout North America on sites that cannot meet traditional septic system rules cost effectively and range in size and complexity. Composting toilets reduce water used for flushing by over 97% by using innovative foam-flush toilets. A drop of soap with 3 ounces of water for each flush. The soap enhances the action of the composting system. A durable and highly efficient fan pulls air down through the toilet, over the composting mass below, and out a vent stack on the roof. Toilets attached to a Clivus composting toilet emit no odor. They turn waste into stable dry and liquid end products useful as fertilizer. Greywater systems reuse waste water on site for plant irrigation. In new construction the combination of composting and greywater systems eliminate the need for expensive, invasive and polluting infrastructure (septic systems).

This system employs simple but solid science and modern technology:

- Flushing toilets with soap foam instead of water.
- Discharge greywater only.
- Converting human waste into safe end-product.

Less water used, greywater is safely recycled, less space is necessary, site aesthetics are retained. User needs are met, and the environment is protected.

Additional information gleaned from a question and answer session:

- Liquids will need to be pumped off approximately once a season
- Solids will take years to accumulate and not need to be removed often
- Carbon will need to be added approximately once a day by the cleaning crew in busy season.

In a letter back in April, 2018, Joe proposed 2 model M-35 composting systems with four waterless toilets for Mount A (1 at base and 1 at summit). Each toilet system is estimated at \$66,500 and includes freight, instructions and training. Not included: offloading, system installation, ventilation pipes and any PVC piping between composters and liquid storage tanks, receptacle with 4 outlets near each composter, grounded receptacle on a separate circuit for an alert system, variable speed switch for fan, and 4 bales of peat moss to initiate composting.

4:30 – 5:30 WRIGHT-PIERCE PRESENTATION, FIRST DRAFT CONCEPTUAL DRAWINGS OF BASE & SUMMIT PARKING LOTS AND QUESTIONS

Wright – Pierce Engineer Jon Edgerton presented the subcommittee with his first draft of the parking lot designs. The result of the presentation was much discussion and many questions. This gave Jon a solid direction to revise the drawings and return at a later date with a second draft. Jon feels there could be several drafts before we agree on a concept.

The bullet points below are a result of the parking lot presentation and subsequent discussions. Guided by these comments Jon will create the next set of draft conceptual drawings.

Base:

- Need temporary bus parking for drop-off (desired capacity of 4 buses?)
- Review ADA access
- Tie in connections to the existing trail system
- Need to work on threshing through the gating options
- Consider possible bus circulation through the parking lot. Consider impact of required geometry on cost.
- Water supply desired at the base (note the need for Maine Drinking Water Program approval). Year-round restrooms are needed. We will need a graywater disposal system.

Summit:

- Pull back the circular connection to the bus area
- Consider scenic viewshed towards the sea – can we create several spots that “look out” in that direction?
- Circulation in Main Parking Area – Angle parking? Is a loop feasible?
- Will need to discuss the paved versus unpaved options (Pro’s and Con’s)
- Tie in connections to the existing trail system

NEXT MEETING DATE, TIME and LOCATION: TBD