

Village District of Eidelweiss
Water Committee Meeting – Madison Town Hall – 03-03-2022

Called to Order: 4:00pm

Attendees:

In-person: Jay Buckley, Larry Leonard, Doug Prescott
By phone: Horizons Engineering: Cathy Conway
Absent: Larry Sodano

- Motion to approve 01-06-2022 Water Committee Meeting Minutes by Jay, 2nd by Larry L.
No discussion. Approved 3-0
- Motion to approve 02-10-2022 Water Committee Meeting Minutes by Jay, 2nd by Larry L.
No discussion. Approved 3-0
- Cathy: Discussion of the Horizons Comparison of Asset Management Plan vs. Water Master Plan (attached):
 - AMP #1 Equal to WMP #1
 - #2 Not usually included in WMP per se, but elements are similar to WMP #4
 - #3 Essentially the same as WMP #2 & #3
 - #4 Not usually included in WMP
 - #5 Not usually included in WMP
 - #6 Essentially the same as WMP #5
- The AMP compliments the WMP
- Community Meeting required as part of the current Matching Grant from DES
 - Should try to do this sooner than later
 - Will be a presentation of suggested goals and Level of Service criteria
(ex: To reduce system loss from leaks, bleeders, etc. by “X” amount)
 - Luis Adorno, DES, needs to be invited
 - Suggested date: March 26th
 - Cathy is available
 - Jay will contact Luis
 - Horizons will describe the progress on the project and will show the updated spreadsheets
 - Discussion of Water System Goals and Level of Service will be the major part of the discussion
 - A question could be: should Water Capital projects be funded by Water Fees? Or Taxes?
- Jay: 2022 Water Rate will be set this month
 - Start by dividing the approved Budget & money Articles (if any) by the number of properties serviced
 - Adjust the rate by about 5% to cover non-payments, etc.
 - This ONLY includes the Water Operating Expenses; does NOT include funds for Capital Reserve
- Cathy: The Water Rate should start regularly including an amount to build up Capital Reserves
- Jay: There are currently several Capital Reserve Funds for Water including
Water Tank, Water Line Extension, Water Pipe Improvement, etc.
- Jay: need to clarify – Can a Water Grant include repaving?
- Cathy: Very difficult to justify repaving the entire width of a road as part of a water project
 - Would typically only include the repaving of the section or strip actually dug up for the project
 - A “Complete Street” project would actually be multiple projects at the same time
(ex: a Water Project Grant and a Road Project Grant – like the Conway Village project)

- Cathy: Recommendation for the next Grant Application:
 - Drinking Water Trust Fund Grants – due 6/1
 - Would be based on priorities from the AMP
 - This is typically a mix of State Revolving Funds (SRF) and Grants
 - USDA Grants are typically due in the Fall

- Items due to Cathy:
 - Current Water System load payments & debts
 - CRF balances
 - CAD data from the last hydraulic model for input to the updated model
 - Jay will request the data, to be in some digital form to facilitate input

- Motion to proceed with the Curb Stop Valve Access Cover project by Jay, 2nd by Larry L.
 - The prototypes were presented by Doug
 - Goal would be to only do a portion of the total services this year
 - No further discussion. Approved 3-0

- Motion to adjourn by Doug, 2nd by Larry L.
 - Approved 3-0

Call ended and Meeting adjourned at 4:35pm

Respectfully submitted,
Douglas T. Prescott

Attachment (1)

Approved with no Amendments at 04-07-2022 Meeting (see Minutes)

Asset Management Plan Versus Master Plan

Asset Management is a systematic process of operating, maintaining and upgrading and disposing of assets cost-effectively while maintaining a level of service that is acceptable to the customers.

Core Components of the Asset Management Program (AMP) include:

1. Asset Inventory
2. Level of Service
3. Critical Assets / Capital Improvement Plan
4. Life Cycle Costing
5. Long term Funding Strategy
6. Implementation / Communication

A *master plan*, a comprehensive assessment of your system's current performance and its future requirements helps to provide critical services such as reliable water.

Five benefits of a water master plan (MP):

1. Inventory Current System
2. Identify Future Needs
3. Prioritize Future Projects
4. Provide Decision Framework
5. Accelerate Future Work / Implementation of Improvements

They both start with an inventory of the current system components including source, treatment, distribution and storage. As part of the AMP Horizons has looked at the condition, capacity, consequence of failure, redundancy, useful life and replacement costs based on existing data. A GIS map of the system will also be provided as part of the AMP.

Horizons is also working a computerized hydraulic model of the system to assess pressure, flows and zone as part of the AMP. Often this is also a component of the MP.

The Level of Service that is a part of AMP establishes why the utility does what it does, it outlines the major goals of the system much like the decision framework of a master plan.

Both look at future projects and associated costs in developing the capital improvement plan, a prioritized list of future projects. Part of this includes population growth, system expansion, etc. and a long-term funding plan.

The end goal of preparing for future needs and allocating resources to the improvements that will make the most difference is the same for both.