

WATER & SEWER ADVISORY BOARD REGULAR MEETING

Town Hall - 8720 Spruce Mountain Road
SUMMARY MEETING MINUTES
July 14, 2021

ESTABLISH QUORUM

MEETING CALLED TO ORDER by Tricia Bernhardt at 6:04 pm

	PRESENT	ABSENT
Tricia Bernhardt (Chair)	X	
Ruth Ann Arfsten	X	
Barbara Sheldon		X
Lynn Pfaff	X	
Patsy Calderone	X	
Kari Lee Vince		X

NON-VOTING / GUESTS: Dorothy Hise, Will Parker (by telephone).

MINUTES FROM PRIOR MEETING: Minutes from 5-11-21 were accepted.

- Semacor Update-
 - Will Parker provided an update to Board on current issues and future maintenance and capital needs for water and sewer.
 - June 2021 Semacor report was provided and reviewed by the Board
 - A question and answer session was held with Will
 - A list of short and long term recommendations for maintenance and infrastructure needs to the Council is attached.
- Discussion on schedule for Board meetings
 - Next meeting is tentatively scheduled for Tuesday, September 14th, 2021 at 6:00 at the Town Hall.
- Identification of Board Members and Chairperson
 - Tricia's 3 year term is expiring in September. Identification of a new chairperson and additional Board members needs to be made by the Town.
- An overview of groundwater and water issues in Colorado was given to the Board members by Tricia. USGS Douglas County groundwater reports and other Water Education Colorado booklets were distributed for Board members to review.

ADJOURN: A motion was made by Lynn Pfaff to adjourn the meeting, seconded by Ruth Ann Arfsten. Meeting adjourned at 7:45 p.m.

Larkspur Water and Sewer Issues and Prioritizations

July 14, 2021

Short Term

Upper Water Tank repairs

To be done late 2021 after Renaissance Festival is over

\$60k was previously approved by Council

No further action needed by Council

Lower Gate Pressure relief valve in water system pipeline

Needs to be replaced

Approximate 10 inch valve

Cost should be minimal

New Water Tank Maintenance

Cathodic protection needed for the new water tank

Will has a cost estimate from a subconsultant, Aegion for \$680.

Work should be done this year and will need to be done annually.

Council needs to approve the cost

Wastewater treatment plant- Collection Check valve #2

Approximately 43 years old; Needs to be replaced

Cost is approximately \$15k

Council will need to approve the cost once Will has an appropriate bid from a subcontractor

Long Term

Generator needed for Water Treatment Plant

Power surges this year have caused outages to water supply

Large diesel generator needed to prevent this and to provide for emergencies.

Approximate cost of \$250,000 needs to be budgeted or grant money identified

Upgrades to waste water treatment system

By about 2025, CDPHE is going to have more stringent restrictions for wastewater.

One issue is that the water treatment plant creates backwash/waste that is high in radium, all of which goes to the waste water treatment plant.

Estimated cost for an upgrade to the WWTP is \$6 to \$9 Million

Town needs to begin planning for this.

Replacement of Arapahoe Well

Arapahoe Well #1 on the hill is not functioning

Replacement should be considered, and potentially in a different location since the two Arapahoe wells are close in distance

Will's estimated cost for drilling, permitting and engineering is \$700,000

Town should consider planning for a new well.

Will stated that the two functioning wells are now producing at their maximum capacity.

As shown in the June 2021 report, the two wells are just keeping up with the current demand.

Consideration of Grant Writing contractor

There was discussion about the need to obtain the services of a grant writer, particularly for the first item on the long term list of purchasing a generator for the water treatment plant.

It was also discussed that some grants have not been available to Larkspur, until and unless the residents pay their fair share of water and sewer rates. The Board would like that issue analyzed further and a discussion was held of ideas to increase rates, yet possibly offer subsidies to those residents who cannot pay.