

**Village District of Eidelweiss
Water Advisory Board
Minutes of 1/4/2010 Meeting**

The Water Advisory Board met January 4, 2010 in the District Office. In attendance were Board Members Mike Smith, Ralph Lutjen, Peter Craugh, and Art Tucker. Also attending was Paul Fluet(engineer) and Scott Hayes(water system operator). The meeting was taped by videographer Tim Hughes.

At 5:00 pm Chairman Mike Smith called the meeting to order.

Agenda

Ralph Lutjen makes a motion to accept the agenda as distributed, Peter Craugh seconds the motion and the motion passed.

Minutes

The minutes of 12/8/09 were reviewed. Ralph Lutjen makes a motion to accept the minutes as presented, Peter Craugh seconds the motion and the motion passed.

Old Business

Ralph Lutjen will set up the meeting with Dave Bernier from Conway on pipe bursting techniques. Art Tucker, Peter Craugh, and CP Smith will also attend.

The informational meeting for the RF line option has been moved to Friday January 8. Mike Smith has received some information on the satellite option from Paul Fluet. This system is also worth looking at. Electronic readings could reduce need of meter readers, however, the benefit of meter readers is they physically look at each of the stations every day. Satellite system can capture information about when the pumps are on/off.

Paul Fluet advises the group that though the current system will be able to be tied into the new tank design, an upgrade is advisable. The design is being done based on the current system.

Discussion turns to the upgrading of the pump stations. Paul suggests Muddy Beach and Reinach as the starting points. Paul will work on the designs.

New Business

Paul Fluet discusses and reviews the plans for the new cast in place tank. The Jung Frau to Reinach Forced Main comes into the tank on one side for storage, distribution happens from the other side. All sections can be bypassed with valves if needed for

work on the tank. The entry to the valve room is reviewed. Snow could be an issue as the entrance is between retaining walls. Paul advises that a wider walk way could be an option.

The replacement of the Jung Frau to Reinach Forced Main will end and be tied into the current lines until the new tank is built.

Discussion turns back to the entry way and possibly allowing enough room for a plow. Paul advises that the end of the tank must remain protected. Mike Smith suggests an "A" frame be built to cover. This will be discussed again, and can be done separate from the tank construction.

Some of the improvements with the new tank will be overflow pumps, floor drains, and tank drains. The current tanks will remain in use until all aspects of the new tank are complete and tested. Scott Hayes questions how the pipes to the old tank will be disconnected. He states that DES requires them to be removed or capped. Paul states they will be capped off once disconnected. The new tank will allow future enhancements to the system. It will handle the Pressurized System Zone. Paul will update the drawings to reflect the 4" main that will be in place. Storage quantity will be around 70,000 gallons.

Peter Craugh discusses that the tank levels are currently used as an indicator for the system. If the tanks are less than 3/4 full, it is indicative of an issue.

Scott Hayes asks if the valve boxes will be above grade. 12-20" is optimal. He also asks Paul to verify if the hatches have locks as this is also required by DES. Paul states that the hatches will be able to be locked. Scott then questions if there is a sensor in the valve room. Paul states this will be coordinated into the alarm system.

Decisions on RF or Satellite replacement of the bana lines will effect the final design of the valve room to accommodate the system of choice. Paul will make changes as needed.

Outline for projects: 2010 - Jung Frau to Reinach Forced Main
Possibility of Oak Ridge Road
2011 - Tank construction
Design for pump houses

Paul Fluet will finalize the drawings and send to the state for approval.

Ralph Lutjen questions construction time for the tank. Paul advises it should be able to be completed within a couple of months from onset.

At 6:45 Ralph Lutjen makes a motion to adjourn, Art Tucker seconds the motion and the motion passed unanimously.

Respectfully submitted,

Nancy E. Cole