

WATER RESOURCES COMMITTEE

Tuesday, March 26, 2019

7:30 PM

DPW Room, Scituate Town Hall

Meeting Minutes

Attendees:

Becky Malamut

John Boehmke

Jacqueline Bohn

Kevin Finney

Joanne Wyckoff

Shirley Young

Kevin Cafferty

Meeting Call to Order at 7:30 pm

Tonight's notes taker: Shirley

Water system updates

Department update

- There is a lot of Sediment created cracks on the 2nd building, even in the ceiling. Plan to use pressure injection to fill in the cracks. Structure engineer is evaluating the building integrity. Trading off between complete repair and building/equipment needed for summer water supply; long-term repair would not warren the repair completed by this summer. Putting temporary fix in to last until a solution is put in.
- Got Chemical in and the new Trac Vac system, hoping to get the whole system working by April 5th.
- Need Green Sand Filter for Well 17A (Tack Factory Pond) Typically wells 10, 11, 19, 22, and 18B produce 750 GPM. Well 17A would produce estimated 275 GPM. If we can get the well up and running with Green Sand Filter, it would help. Green Sand Filter runs \$8M. With the added water supply, the water restriction would not change.
- Propose \$4M - Need SCATA system and design of a new water treatment plant.
- 400K-500K to redesign and replace water pipes in Humarock.
- Asking money (\$8M) for the Green Sand Filter for well 17A – Tack Factory Pond, abutters thought the well would be too close: concerns: too close to the houses, access road, possible sound. About 30 houses near well 17A.
- Put a pilot test of Green Sand filter on 18B yielded good results
- Dolan Wells – Waiting for DEP feedback. Previously approved by DEP but had not built wells. Perched aquifer, not for deep well, plan to use for the summer consumption. Estimated \$2.5M would be needed for the wells.
- Went out to bid on Phase 3C – Pipe Replacement: Ocean Side.
- Ice Piggig – Starting up Mid-April.

- Hope to add a few hydrants to deadend streets to assist with flushing and ice pigging.
- Rain Barrel – All rain barrels last year were sold but it took quite a bit of manpower to bring the rain barrels to town and house at transfer station until they were picked up. Kevin not planning to offer them again this year, we will publicize NSRWA program instead
- Search for a new Asst Superintendent continues.
- Typically reservoir water gets recharged by Oct 15. Would like to have 25MG in the reservoir, plus 1MGD for the summer. Reservoir would hold 155 MG, from Oct 15th to April 30th, the summer consumption would require 225 MG, which means generation of 75 MG through wells. Streamflow releases require additional water in the April and May time frame, which is 20 MG/week. NSRWA created a new spreadsheet tool to help operators have more control over the releases.
- Humarock – One reduction valve installed, will install another. We have huge amount of water not billed due to loss of water through high pressure and others causes (90-100 PSI form Marshfield, useable at 30 PSI). We are trying to reduce pressure to reduce water loss. The water valve reduces water pressure by 30 PSI.
- Replaced 2400 meters out of 7100 meters - \$1.1M to replace all meters in Scituate.

Brown water update and FAQ:

- Will be status quo for brown water issues this summer.
- Kevin likes the idea of the open house when WTP is up and running
- Strategy for brown water is identify sources then eliminate from the system.

Single meter policy update

Will be presenting to BOS next Tuesday. Town Counsel to send comments prior to that meeting.

Irrigation restriction educational outreach

- Martha and Deb not present, no document to review
- Science Spectacular – Will discuss next month.

BMP's for school fields and other municipal projects

Shirley and John drafted doc, Becky to send to all members for comment.

Water offset policy – Using scenarios to figure out how to set the mitigation fee.

There are two thoughts - fee based or project based. We decided fee based with offset 2:1, and no exclusions. Projects of water saving toilets and smart meters were compared to figure out how much money per gallon to charge for the offset. More work to be done to solidify these numbers

Committee Liaisons

CPC – Jacqueline

Planning – Kevin

Zoning – John
Conservation – Becky
School Committee – Joanne

Vote on a new Vice Chair

Martha Cook resigned. Need to vote on a new Vice Chair. John nominated Jacqueline as the Vice Chair, Jacqueline accepted, Shirley Seconded, all in favor.

Becky nominates Shirley to be the scribe; Shirley accepted, Kevin seconded, All in favor.

Approve minutes

John moved to accept the Feb 26, 2019 meeting minutes, Becky seconded, all in favor.

Recent Correspondence

568 First Parish is offering a parcel to the town for purchase, apparently, there is water.

Open Discussion

Next meeting Tuesday, April 23, 2019 at 7:30pm @ Town Hall.

Adjourned at 9:42pm