

WAREHAM FIRE DEPARTMENT
PRUDENTIAL COMMITTEE/JOINT MEETING WITH WATER
COMMISSION

January 31, 2019

MINUTES

6:00 PM

Members: George Barrett; John Connolly; Rick England; Ken Baptiste (clerk)

Water Commission: Jay Tamagini; John O'Brien

Non-Members: Local 2810 [Ralph Braley; Courtney Debois; Chris McIntosh]; Wendy Lemieux; Andrew Reid; Chief Rowley

6:05 *Meeting called to order* (George)

- George asked if anyone recording? No

6:09 *Correspondence*

- Purchase order from Water for Sedaru Inc., to switch asset management software, \$69,120.00. Motion to approve by John, second Ken (3-0-1);
- Purchase order from Water for Massachusetts Pesticide Analysis Laboratory, \$9800.00. Motion to accept John, second Ken (4-0-0);
- Purchase order from Water for Methuen Construction for execution of bid on ultraviolet disinfection units, \$506,700.00. Motion to accept John; second Ken (4-0-0);

6:20 Discussion of Water Capabilities Charge; how it was conceived and what it should be now.

7:00 *Water Superintendent*

- Andrew discussed budget changes and water plant
- **See Attachment A**

7:21 John O'Brien, Andrew Reid, Jay Tamagini left meeting

7:22 *Chief's Report*

- **See Attachment B**
- Chief discussed Articles for District Meeting

7:55 Motion by Rick to go into Executive Session for exception #2 & #3 (negotiations with collective bargaining units and non-union personnel) and not to return to open session; second by Ken. Chairman states discussion in open session will be detrimental to the district.

VOTE:

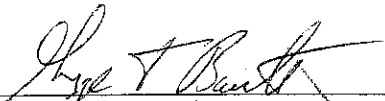
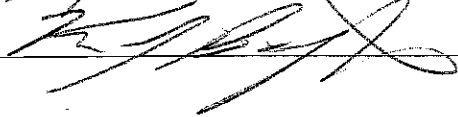
Ken: Yes

Rick: Yes

John: Yes

George: Yes

VOTE:	7/11/19
APPROVE	3
DISAPPROVE	0
ABSTAIN	2

George Barrett (Chairman)	
Kenneth Baptiste (Clerk)	

ATTN: Board 'A'
1/31/19

Agenda - January 31, 2019

Joint Meeting with the Board of Water Commissioners and Prudential Committee

1. Purchase Orders.
 - a UV disinfection units purchase order for WPP.
 - b UMass wellhead testing purchase order. Testing for Wellhead protection program
 - c Asset management Software: Resign P.O. as original P.O. value off by \$2K.
2. Accounting and Business items:
 - a FY20 Budget. What would you like to see as next steps and timeframe? Outstanding items are falling in the updated information on overhead items once we know them.
 - b Public Outreach. Sharing what Water Dept is doing or hoping to do w.r.t. to sharing budget and warrant articles to build support:
 - i. Presentation for Fire Department has been set up for Feb 20, 2018.
 - ii. Considering a mailer to the patrons.
 - iii. Considering outreach to dinner crowd.
 - c Updates on Legal Counsel at District Meeting.
3. Water Purification Plant.
 - a Plant Construction Update.
 - b Forgiveness funding: Reminder that the Principle forgiveness takes principle funding off the top of the \$14M bonded under SRF in the amount of \$653,904. Amount up to \$14M has been authorized to be bonded. Question: Do you wish to put forth to the voters using forgiveness funding for the CT pipe (Bid Alternative B)? Currently at \$452,000. Price could change depending when executed. Reminder amount would go as forgiveness. See project summary table on page 3. In the end, it is a project you will (likely) want to do and you have already bonded for it. Why of value?
 - i. Goals of the District is to use less or no chlorine than historical usage. How is the Water Department targeting to get there?
 1. Control the amount dosed at the source.
 2. Break up the chlorine use. Target booster dosing at the distribution tanks.
 - ii. The Water Department is regulated under the Revised Total Coliform Rule and Groundwater Rule by MassDEP. Currently we are not required to disinfect for virus inactivation. What that means is that if a fecal indicator is

Agenda - January 31, 2019

detected in a well water source, we fall into an immediate boil water order (think do not drink and no business PR mess). Frequency of historical detections are provided in the attachment.

- iii. For a short time that we were under the GWR the MassDEP mandated that we keep a residual of 1.4 mg/L as chlorine since we were not able to monitor flow in all three directions based on our current residence time. This is akin to pool water taste.
- iv. We fixed the well deficiency at Well 1 that was accepted by MassDEP and released us from the high chlorine disinfection requirements.
- v. The design intent of the WPP was to provide flexibility in disinfection using UV as well as chlorine. The Boards appear to be moving forward with UV disinfection. The next step would be consider executing Bid Alternative B.
- vi. Why Consider? The UV system is energy intensive. We are forecasting the electric bill to range from \$25,000 to \$50,000 annually at current electrical rates (so think roughly a 50% increase in to a current electrical bill just due to UV). Due to the distribution characteristics, the Water Department will likely have to dose a low level of chlorine in the summer due to the temperature and residence time in the system yielding biologically unstable water (not necessarily true in winter). Hence it makes sense to have both systems to provided best water quality at the lowest operational cost.

4. Planning.

- a Meter Replacement. Discussion item.
- b Setting joint meeting dates with Pru Com on:
 - i. Preliminary Architectural alternatives for 2550 Cranberry Hwy. Request on Thursday Feb 28th.

Agenda - January 31, 2019

Summary of WPP Costs to Date

Item	MCC Bid	Notes
Construction Bid	\$12,243,213	
Construction Engineering	\$663,500	
Construction Services	\$502,000	
Ram Permit	\$980	
Town Building Permit	\$214,997	Final Town Permit
Summary		
Total Construction Costs	\$13,624,690	
Change Orders		
MCC C.O. 1 - Lagoon Change	(\$13,082)	
CEI Electrical Oversight	\$8,000	
Tree Removal	\$2,975	Required by Eversource
MCC C.O. 2 Pb Remediation	(\$37,310)	
MCC C.O. 3 Painter	\$15,865	
MCC C.O. 4 - Fire Sprinkler	\$13,000	
MCC C.O. 5 - Paving	(\$5,668)	
MCC C.O. 6 - Eversource Manhole	\$6,316	
	Sum of C.O.	(\$9,905)
Revised Total Construction Costs	\$13,614,785	
Funding		
Warrant Funding	\$14,552,941	
Buffer Funding		
Contingency Funding	\$938,156	
Forgiveness	\$653,904	

YEAR	E-COLI VIOLATIONS	BACTERIA VIOLATIONS
2018		NOV (2550 Cran Hwy. Coliform Only, Count of 2)
2018		NOV (WELL #8 Coliform Only) Same day distribution samples all absent
2018		OCT (WELL #1 AND WELL #8 Coliform Only) Same day distribution samples all absent
2018		OCT (Minot Ave & Barlow Ave Coliform Only), All Repeats absent = Required Level 1 Assessment
2017		SEPT (WELL #2 Coliform Only - Count 3) No Violation (Same Day Distribution Samples All Absent)
2017		AUG (WELL #4 Coliform Only - Count 2) No Violation (Same Day Distribution Samples All Absent)
2016		NOV (WELL #2 Coliform Only - count 2) No Violation (Same day Distribution samples All Absent)
2016	OCT (Bourne Hill Tank)	OCT (Bourne Hill Tank E-Coli and Coliform both, Coliform count 2) (Repeats All Absent)
2015		AUG (WELL #2 E-Coli and Coliform both, count 1 each, 5 Repeats Absent, No Violation)
2015		JULY (WELL #2 Coliform Only, count 1, No Violation)
2014		OCT (WELL #2 Coliform Only, Count 1, No Violation)
2014		MAY (Bourne Hill Tank, Coliform Only, count 1, Repeats Absent No Violation)
2013		DEC (WELL #4 Coliform Only, count 1, No Violation)
2013		SEPT (WELL #4 Coliform Only, count 3, No Violation)
2013		JULY (WELL #2 Coliform Only, count 1, No Violation)
2012		NOV (WELL #2 Coliform Only, No Violation)
2012		SEPT (WELL #4 Coliform Only, No Violation)
2012	AUG (WELL #1 - Routine and Repeat samples)	AUG (WELL #8 Coliform only, count 1, No Violation), (WELL #1 - Routine and Repeat SAMPLES) Groundwater Rule Violation = Well #1 Permanently taken out of service until meeting 4-Log Cert.
		(All Detects Shown Starting 2012 Even when NO Violation)
2011		OCT (B.H.Tank)
2010		
2009	SEPT (WELL #4)	SEPT (#105 Maple Springs Rd., #142 Minot Ave.)
2008	AUG (#281 Glen Charlie Rd. Sample Site Before Tank)	AUG (B.H. Tank, W.W. Tank, Barlow Ave.) - BOIL WATER ORDER
2007	AUG (Walmart, #89 Marion Rd.)	AUG (B.H. Tank, W.W. Tank, 2550 Cran. Hwy., Town Hall Marion Rd.) - BOIL WATER ORDER
2006		MAY (#2550 Cran. Hwy., Gulf Station Marion Rd., Mun. Maint.)
2005		
2004		SEPT (Walmart - Twice, Mun. Maint.)
2003		
2002		SEPT (Gulf Staion Marion Rd. - Twice, #378 Marion Rd., #374 Marion Rd.)

1/31/19
ATTN: [unclear] B

Chief's Report for January 31st, 2019

Friday, January 25th

- Injured Firefighter received retirement paperwork
- Welcomed Janice King who was dropped off by Fire Truck from West Barnstable, most of the full time employees were in attendance.
- WPD Chief Walcek requested the Fire Department attend a meeting with the Historical Society and Southcoast Hospital group regarding Tobey Homestead on Thursday January 31st.

Sunday, January 27th

- Cold Water / Ice Rescue Drill was conducted at Tihonet Pond

Monday, January 28th

- Clerical Assistant Janice King started
- Water Main Break at Maple Park, multitude if irate customers flooded dispatch and unfortunately took their anger and or frustrations out on WFD Dispatchers. (throughout the week)
- A/C Haskell reported back with a plan for burning permits for next year. Recorded message for each day, person to leave permit number. Any complaints we have to respond to no matter what.

Tuesday, January 29th

- Walk Through of the Tobey Homestead, no entry policy put into effect.
- Lt Smith reports all plans through the building department now will be electronic, need to address storage space, possible external hard drive for Fire prevention.

Wednesday, January 30th

- Last CPR class run for Department personnel

Thursday, January 31st

- DCR (Myles Standish), made notification of their 5000 gallon tanker has been taken permanently out of service, also installation of Dry Hydrants has started and notification of their mechanical clearing of vegetation will be starting in February, Haynes Road to South Line Road.
- Memo sent out regarding no entry for Tobey Homestead.
- Updated Language for Proposed Articles and Budget Changes
- Attended Meeting regarding Tobey Homestead
- Electrical Inspector Jimmy Parker Retired from the Town, Will be looking into putting him on as a Call Active Reserve Electrical Inspector.