

**UTILITIES COMMISSION MEETING
NOVEMBER 19, 2012**

Mayor Bailey called the meeting to order at 7:30 p.m. In attendance were Council members James R. Gatto, Linda Kuiper, Mabel Mumford-Pautz and Mauritz Stetson, Robert Sipes, Utilities Manager, Jennifer Mulligan, Stenographer, and guests.

Mayor Bailey asked if there were any additions or corrections to the Utilities Commission meeting of October 16, 2012. **Mrs. Mumford-Pautz moved to approve the minutes as submitted, was seconded by Mr. Stetson and carried unanimously.**

Mayor Bailey stated that cash on hand and in banks was a little over \$1-million dollars.

Mrs. Mumford-Pautz moved to pay the bills as submitted, was seconded by Ms. Kuiper and carried unanimously.

Mr. Sipes stated that Chestertown dodged a bullet during Hurricane Sandy. He said that the generator had to be run for a little over an hour, but that was the morning after the storm. He said that two (2) pumps were unclogged at the end of School Road and Rolling Road.

Mr. Sipes stated that he handed out a spreadsheet showing a summary of the testing done related to Well 9. He said that there was iron related bacteria in Well 9, but it was not to be unexpected. He said that there was no influence into Well 9 from any of the shallow aquifers that would lead the Town to believe that what happened at the hospital had any influence on Well 9. Mr. Sipes stated that Well 9 was not impacted by what took place at the hospital.

Mr. Sipes stated that he would now proceed with the redevelopment of Well 9 based on the geologist's recommendations. There would be mechanical and chemical cleaning of Well 9. He said that the chemical cleaning would get rid of the bacteria. He said that this would likely be a maintenance item and take place every 6 to 7-years, with the pump and motor being replaced every 10-years.

Mr. Sipes stated that there was a trace of iron bacteria in Well 4 (shallow well at the water plant), which was not causing any trouble.

Mr. Sipes stated that initially there was an estimate for mechanical cleaning of the well at \$17,000.00 but he said because of the chemical cleaning he anticipated an approximate 10% increase in costs. He said that the work would be put out to bid.

Mr. Gatto stated that he would like Mr. Sipes to assemble the cost of capital items over the next 10-years by the New Year.

There being no further business, **Mr. Gatto moved to adjourn the meeting at 7:45 p.m., was seconded by Mrs. Mumford-Pautz and carried unanimously.**

Submitted by:


Jennifer Mulligan
Stenographer

Approved by:

Margo G. Bailey
Mayor

Chestertown Utilities Commission
 Water Quality Data
 October 18, 2012 Sampling Event

Parameter	units	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 7	Well 9 #1	Well 9 #2
Temperature	deg. C	15.3	14.64	14.36	14.75	14.9	off line	14.55	16	15.96
pH (field)	unit	6.2	5.01	5.01	4.92	5.09	off line	4.91	6.13	6.09
pH (Redux)	unit	6.6	5.61	6.49	6.43	6.36	off line	6.16	6.3	---
Conductivity	mS/cm	0.173	0.481	0.198	0.412	0.182	off line	0.301	0.166	0.165
Total Dissolved Solids (field)	ppm	112	313	129	268	118	off line	196	108	107
Total Dissolved Solids (Redux)	ppm	118	319	124	270	115	off line	194	---	---
Turbidity	NTU	2.3	2.8	2.8	3.0	2.9	off line	2.8	230.0	40.0
Dissolved Oxygen	mg/L	1.45	7.76	8.6	7.48	8.89	off line	8.73	1.06	10.02
ORP (field)	mV	39	216	209	228	190	off line	230	16	68
ORP (Redux)	mV	203	388	206	201	200	off line	203	195	---
Total Hardness (Redux)	ppm	50	---	---	---	---	off line	---	30	---
Total Hardness	ppm	55	122	67	71	55	off line	79	35	47
Total Alkalinity (Redux)	ppm	35	---	---	---	---	off line	---	50	---
Total Alkalinity	ppm	58	34	25	25	15	off line	17	59	56
Ferrous Iron	ppm	4.46	ND@0.10	ND@0.10	ND@0.10	ND@0.10	off line	ND@0.10	3.66	2.87
Total Iron (Redux)	ppm	4.82	0.48	0.23	0.57	0.7	off line	0.27	68.5	---
Total Iron	ppm	4.1	0.081	ND@0.067	ND@0.067	ND@0.067	off line	ND@0.067	113	23
Total Manganese	ppm	0.076	0.023	0.011	0.006	0.012	off line	0.016	0.39	0.29
Total Aluminum	ppm	ND@0.11	ND@0.11	ND@0.11	ND@0.11	ND@0.11	off line	ND@0.11	ND@0.11	ND@0.11
Silica	ppm	8.2	14.5	13.3	12.7	12	off line	13.9	17.4	9.3
Total Organic Carbon	ppm	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	off line	ND@1.0	ND@1.0	ND@1.0
Chloride	ppm	2.1	97.9	33.7	85.8	32.4	off line	63.7	2.8	3.1
Sulfate	ppm	13.1	12.4	2.7	24.6	ND@2.0	off line	2.7	11.9	11.8
Total Aerobic Bacteria	colonies	0	0	0	0	0	off line	0	1	---
Mold & Fungal Organ.	colonies	1	0	0	0	0	off line	0	0	---
Iron Related Bacteria	colonies	0	0	0	0	0	off line	0	<10	---

Notes:
 Well 9 #1 sample was collected during the first purge of the well, well has been idle for about two months
 Well 9 #2 sample was collected during the second purge of the well, after the well shutdown due to cavitation and recovered

Handwritten signature/initials