DW 20-112

ABENAKI RATE INCREASE AND COMBINED SYSTEMS REQUEST TO THE PUC

PERMANENT RATE ADJUSTMENT

COMPANY RESPONSES TO BOW (VSE) DATA REQUESTS SET 1

Data Request Received 2/17/21 Data of Response: 3/3/21

Request Bow (VSE) 1-8 Witness: Robert Gallo

Request: Please provide Preventative Maintenance Schedule(PM), along with list of critical assets, costs and PM completion rates for 2019 for all systems.

A. Who performed said maintenance?
B. If NESC is the answer to question A above, were any other vendors considered? Was a cost comparison done? If no, why not?
C. What percentage of Maintenance was Preventative Maintenance vs Emergency repairs (Repair work includes work performed to correct insufficient water system performance, including but not limited to pipe breaks, water leaks, sufficient pressure, contaminant mitigation.
D. Does Abenaki plan to continue to repair breaks in the system under emergency conditions in an ongoing basis, instead of a full system replacement?
E. Please provide records of all planned system upgrades done on the Bow system since purchase in 2014, with dates, description, and cost.

Response:

A. The White Rock system has a pump house, backup generator, arsenic treatment system, distribution system and two storage tanks. Given the limited components of the system, there is no formally written maintenance plan. AWC has weekly meetings where operations, maintenance and capital projects are reviewed. System operators generally perform routine maintenance, while outside vendors are utilized for specialized maintenance (i.e. SCADA, electrical, media replacement, etc.). The backup generator is serviced twice per year, and run on a weekly basis to test operability. The arsenic treatment system is periodically backwashed. Distribution system valves are exercised periodically to maintain operability. The storage tanks will be inspected on the 5-year basis, lining of the tanks will be done in the near future, to help extend their longevity.
B. NESC is the contracted operator for the systems. Many preventative maintenance operations are done by NESC staff in the normal course of their duties. In the event that there are tasks that cannot be performed by NESC, then outside vendors are considered. Planned maintenance by outside vendors typically involves the soliciting of pricing from several vendors.
C. Preventative maintenance is expensed as it is performed. The associated plant accounts that preventative maintenance is expensed to has charges for labor, materials, supplies, chemicals, etc., all lumped together. Therefore, the analysis being requested unobtainable.
D. Repairing of leaks and breaks is the more cost-efficient method of maintaining service while helping to control rates. There are 2.7 miles, or approximately 14,300 linear feet of mains in the

Village Shores Estate community. Replacement of the entire system would cost upwards of $1.5MM.

E. See below:

Year	Description	Cost
2019	SCADA System	$14,314
2019	Purchase Meters	$254
2019	Services & Renewals	$6,087
2019	NDS Upgrade (billing software)	$131
2019	Pump Tech Control Panels on Wells 1, 2 & 3	$1,321
2018	Chemical Feed Pump Replacement	$848
2018	T&D Replacement – Rock Point	$3,882
2018	Westgate Drive – Meter Pit	$15,362
2018	Server	$199
2017	Install two VFD pumps	$26,570
2017	Replace arsenic treatment media	$41,293
2017	Services and Renewals	$5,484
2017	Purchase Meters	$531
2017	Purchase Copier	$410
2017	Website Design	$478
2016	Replace Services & Curbstops	$117
2015	Purchase Meters	$18,373.48
2015	Install Meters	$8,044
2015	Capex under $1,000	$750
2015	Capex under $1,000	$188
2015	Replace main and valves at Old Coach Road	$14,625.32
2015	Replace well pump	$4,366
2014	Set up computer system and website	$2,952
2014	Purchase and install standby generator	$13,700
	Total	**$181,279.80**