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December 30, 2021

By Electronic Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street – Second Floor North
Harrisburg, PA 17120

RE: Audubon Water Company; Docket No. R-2020-3020919; **AUDUBON WATER COMPANY'S RESPONSES TO BTUS DIRECTED QUESTIONS SET I**

Dear Secretary Chiavetta:

Enclosed for filing with the Pennsylvania Public Utility Commission are Audubon Water Company's updated responses to BTUS Direct Questions, Set I, in the above-captioned matter.

Thank you for your attention to this matter. If you have any questions, please feel free to contact me at (717) 236-1300.

Very truly yours,

/s/ Whitney E. Snyder

Thomas J. Sniscak
Whitney E. Snyder
Bryce R. Beard
Counsel for Audubon Water Company

WES/das

Enclosures

cc: Matthew Lamb, BTUS (via email only mlamb@pa.gov)
Per Certificate of Service

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

ISOLATION VALVE TESTING

- (2) By July 1, 2021, please provide a list of all isolation valves, by unique identifier, and indicate the last date each valve was exercised or attempted to be exercised in an Excel format.

RESPONSE: Audubon objects to the request to identify the last date each valve was exercised to the extent it pre-dated the Commission-approved Settlement in R-2020-3020919. Per the settlement paragraph No. 23, Audubon is required to maintain a log going forward of all isolation valve exercising and data, and will submit such data per the terms of the Commission approved settlement.

See attached list "No. 2 - AWC VALVE SPREAD SHEET REDACTED". Audubon has redacted the Confidential Security Information valve location descriptors. See also Audubon's valve operation worksheet identifying valve exercising which has occurred in April 2021, "No. 2 - AWC Valve Operation WorksheetMASTER April."

PROVIDED BY: JH Russell, Manager

DATE: June 25, 2021

SUPPLEMENTAL RESPONSE:

See attached excel sheet updated through November 2021.

PROVIDED BY: JH Russell, Manager

DATE: December 30, 2021

Valve Operation Worksheet

Operator: _____

Date	Valve #	Location	Size	# of Turns	Remarks/Maintenance/Deficiencies
1/6/2021	103	CULP/PARK AVENUE	6"	18	WORKED
2/8/2021	121	LONGSPUR/SHEARWATER	6"	18	WORKED
3/12/2021	57	LAWRENCE/BUCKWALTER	6'	18	WORKED
3/23/2021	34	970 RITTENHOUSE	12"	36	WORKED/CLOSED
4/8/2021	174	WORTHINGTON/DORCHESTER	6"	18	WORKED
4/13/2021	179	WINTHROP	6'	18	WORKED
4/13/2021	170	BARRINGTON/RAYNHAM	6"	18	NOT OPERATING
25-Apr	173	RAYNHAM/STONEHAM	6"	18	WORKED
4/28/2021	174	WORTHINGTON/DORCHESTER	6"	18	WORKED
5/26/2021	173	RAYNHAM/STONEHAM	6"	18	WORKED
6/11/2021	located	68 HEATHERWOOD HILLS RD	6"	10	WORKED
6/11/2021	located	56 HEATHERWOOD RD	6"	10	WORKED
6/11/2021	156	BARRINGTON RD/ARCOLA	6"	10	WORKED
21-Jun	156	BARRINGTON/ARCOLA RD	6"	10	WORKED
6/23/2021	157	BARRINGTON RD/DORCHESTER	6"	10	WORKED
6/23/2021	168	712 BARRINGTON	6"	10	WORKED
6/30/2021	40	LARK/PAWLINGS RD	6"	10	WORKED
6/30/2021	44	LARK LN	6"	10	WORKED
6/30/2021	45	PAWLINGS RD	8"	15	WORKED
7/6/2021	67	JODE RD/S PARK	8"	15	WORKED/HARD
7/6/2021	66	JODE RD/SOUTH PARK	8"	10	WORKED
7/6/2021	81	S PARK/FALCON RD	6"	10	WORKED
7/6/2021	65	800 JODE RD	6"	10	WORKED

Valve Operation Worksheet

7/25/2021	70	MEADOWLARK/JODE RD	6"		10	WORKED
7/27/2021	118	SHEARWATER/SANDPIPER	6"		10	WORKED
7/28/2021	73	MOCKINGBIRD/MEADOWLARK	6"		10	WORKED
8/5/2021	78	FALCON/MOCKINGBIRD	6"		10	WORKED/DEEP
8/12/2021	162	DORCHESTER/STOUGHTON RD	6"		15	WORKED/GOOD
8/12/2021	161	70 DORCHESTER/LINE VALVE	6"		14	WORKED/GOOD
8/29/2021	120	LONGSPUR/SHEARWATER	6"		19	WORKED/GOOD
8/29/2021	118	SHEARWATER/LONGSPUR	6"		19	WORKED/GOOD
9/9/2021	162	DORCHESTER/STOUGHTON RD	6"		19	WORKED/GOOD
9/15/2021	89	RINGNECK/SUNNYSIDE	6"		10	WORKED/GOOD
9/15/2021	90	SUNNYSIDE AVE LINE VALVE	6"		10	WORKED
9/20/2021	119	SHEARWATER LINE VALVE	6"		10	WORKED/GOOD
9/20/2021	121	LONGSPUR/SHEARWATER	6"		10	WORKED/GOOD
9/20/2021	122	LONGSPUR/SHEARWATER	6"		10	WORKED/GOOD
9/23/2021	120	SHEARWATER LINE VALVE	6"		10	WORKED/GOOD
10/5/2021	BOX	CANDY LANE/112 WOODLAND	2"	BOX		HOLLOW BOX
10/13/2021	BOX	CANDY LANE 112 WOODLAND	2"	BOX		HOLLOW BOX
10/12/2021	73	MOCKINGBIRD/MEADOWLARK	6"		10	WORKED/GOOD
10/12/2021	74	MOCKINGBIRD/MEADOWLARK	6"		10	WORKED/GOOD
10/13/2021	BOX	WASHINGTON/112 WWOODLAND	2"	BOX		HOLLOW BOX
10/13/2021	125	LEE RD	6"		10	WORKED
10/14/2021	30	PHEASANT RD	6"		10	WORKED
14-Oct	31	PHEASANT/OWL	6"		10	WORKED
10/19/2021	131	PINETOWN/BRENDA	6"		10	WORKED
10/19/2021	132	PINETREE/PINETOWN	6"		10	WORKED
10/20/2021	105	S PARK AVE	8"		24	WORKED
10/20/2021	104	PARK/SAMDPIPER	8"		24	WORKED
10/28/2021	121	LONGSPUR/SHEARWATER	6"		10	WORKED/GOOD

Valve Operation Worksheet

11/18/2021	223	LEVEL RD/LANDIS RD	12"	24	WORKED/GOOD
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**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

- (5) If Audubon does not maintain a hydraulic model, please explain how Audubon manages a complete understanding of its water system's pressure and flow behaviors for each of the operational conditions stated in Question No. 4 and provide a working electronic copy of the data from SCADA systems and/or field measurements supporting Audubon's explanation in an Excel format.

RESPONSE: Audubon has operators with years of experience on its system. Audubon takes daily field measurements at all facilities and records them manually. The manual records are transferred into excel format at regular intervals.

Audubon does not have a SCADA system. Audubon's manual process is sufficient for managing system requirements within its territory, especially considering that Audubon's system demands are unlikely to substantially change due to the characteristics of Audubon's developed service territory.

See attached pressure records in excel format which contains Jan, Feb, April, and May 2021 daily monitoring. Audubon is working on the transfer from manual to digital excel records for March 2021 and will provide once complete.

PROVIDED BY: JH Russell, Manager

DATE: June 25, 2021

SUPPLEMENTAL RESPONSE:

See attached pressure records for March, and June – November 2021.

PROVIDED BY: JH Russell, Manager

DATE: December 30, 2021

AUDUBON WATER COMPANY

Pressure Records

MONT Mar-21

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	60	58	99	107	52	100	OFF
2	60	58	98	108	52	100	OFF
3	61	58	98	108	52	100	OFF
4	61	59	100	108	52	100	OFF
5	60	58	96	108	52	100	OFF
6	61	59	99	108	51	100	OFF
7	61	58	98	108	52	100	OFF
8	62	58	98	108	52	100	OFF
9	61	57	100	109	52	100	OFF
10	62	58	98	108	50	100	OFF
11	62	58	94	108	51	100	OFF
12	62	58	98	102	58	100	off
13	63	58	98	108	52	100	off
14	62	58	98	108	52	100	off
15	62	58	96	108	50	100	off
16	62	58	98	108	52	100	off
17	63	58	98	108	52	100	off
18	63	51	90	108	52	100	off
19	62	58	98	109	52	100	off
20	64	58	90	108	51	100	off
21	63	58	98	108	52	100	off
22	64	54	98	108	52	100	off
23	63	57	98	108	52	100	off
24	64	58	98	108	52	100	64
25	63	58	94	108	52	100	63
26	63	58	98	108	52	100	62
27	62	59	98	109	51	100	63
28	63	58	96	108	52	100	63
29	63	58	98	108	52	100	63
30	63	58	98	108	52	100	64

AUDUBON WATER COMPANY

Pressure Records

31	63	58	98	108	52	100	64
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MON1		Jun-21					
DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	62			109	52	100	63
2	62	58	94	109	52	100	63
3	61	58	98	109	52	100	64
4	61	58	98	109	52	100	
5	61			109	52	100	64
6	61	58	94	109	52	100	63
7	61	56	92	109	52	100	61
8	62	58	94	109	50	100	64
9	61			109	52	100	62
10	61			109	51	100	63
11	61	58	92	109	52	100	64
12	62	59	100	109	52	100	64
13	62	58	98	109	52	100	63
14	61	58	94	102	51	100	63
15	61			109	52	100	63
16	62			109	52	100	63
17	61	58	98	109	52	100	64
18	62			109	52	100	63
19	62	58	100	109	52	100	64
20	62	58	96	109	52	100	64
21	62	58	88	109	52	100	63
22	62	58	94	109	52	100	64
23	63			109	52	100	64
24	63			109	52	100	63
25	62	58	91	109	52	100	64
26	62	59	96	109	52	100	64
27	62	58	94	109	52	100	64
28	62			109	50	100	64
29	62	59	98	109	52	100	64
30	63			105	52	100	63
31							

AUDUBON WATER COMPANY

Pressure Records

MONT Jul-21

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	63			109	52	100	63
2	63	59	97	109	52	100	64
3	64	59	99	109	52	100	64
4	63			109	52	100	64
5	63			109	52	100	64
6	64			109	50	100	63
7	64			108	50	100	63
8	64	58	98	108	50	100	64
9	64			109	52	100	64
10	64	58	97	109	52	100	64
11	64			109	52	100	64
12	62	58	98	109	52	100	64
13	64	58	92	109	51	100	64
14	64			109	52	100	63
15	64			108	52	100	63
16	64			108	52	100	64
17	63			108	51	100	65
18	64	57	97	108	52	100	64
19	64			108	52	100	63
20	65			108	52	100	64
21	62	58	90	108	52	100	64
22	64	58	100	108	52	100	64
23	64			109	50	100	63
24	63	58	96	108	50	100	64
25	63	58	94	108	52	100	64
26	63	58	94	108	52	100	64
27	63	58	96	108	50	100	64
28	60	59	100	108	51	100	64
29	60	58	92	108	52	100	65
30	64	58	94	108	50	100	64
31	64	58	100	108	51	100	64

AUDUBON WATER COMPANY

Pressure Records

MONT Aug-21

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	64	57	97	108	52	100	
2	60	58	95	108	52	100	65
3	62	58	96	109	52	100	64
4	62	58	93	110	52	100	63
5	60	58	96	110	52	100	64
6	60	59	97	111	52	100	63
7	61	58	95	110	52	100	65
8	62	58	94	110	52	100	61
9	61	58	84			100	65
10	61	58	89	108	50	100	64
11	62	57	90	110	52	100	65
12	62	56	96	110	51	100	65
13	60	58	98	110	51	100	65
14	62	59	95	110	52	100	64
15	61	58	95	110	52	100	64
16	61	58	95	110	52	100	64
17	62	59	96	110	52	100	64
18	62	58	98	110	52	100	64
19	60	58	97	110	52	100	65
20	60	58	98	110	52	100	64
21	60	59	95	110	51	100	66
22	61	58	96	110	52	100	64
23	60	58	99	110	52	100	64
24	60	57	91	110	50	100	64
25	60	56	90	110	52	100	64
26	60	58	95	110	52	100	64
27	60	59	99	110	52	100	64
28	60	58	94	111	51	100	63
29	61	57	90	110	52	100	64
30	60	56	92	110	52	100	63

AUDUBON WATER COMPANY

Pressure Records

31

60

58

98

110

52

100

65

AUDUBON WATER COMPANY

Pressure Records

MONT Sep-21

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	60	58	98	110	52	100	64
2	61	58	99	110	52	100	64
3	60	59	100	109	50	100	64/pump fail
4	60	59	100	109	52	100	OFF
5	60	58	98	109	51	100	OFF
6	61	58	95	109	51	100	OFF
7	61	57	98	109	52	100	off
8	61	54	98	109	52	100	off
9	61	57	98	109	51	100	off
10	60	58	92	109	51	100	off
11	61	57	95	109	51	100	off
12	60	58	94	109	52	100	off
13	60	59	90	109	50	100	OFF
14	60	57	98	109	50	100	off
15	60	58	100	109	52	100	off
16	60	58	96	109	52	100	off
17	61	58	98	109	52	100	off
18	61	59	95	109	52	100	off
19	61	58	98	109	52	100	off
20	60	58	98	109	52	100	off
21	61	58	92	109	50	100	off
22	61	58	95	109	52	100	62
23	62	57	98	109	52	100	64
24	60	59	95	109	52	100	64
25	61	59	98	109	51	100	64
26	61	58	96	109	52	100	64
27	62	58	98	109	51	100	64
28	62	58	98	109	51	100	64
29	63	58	100	109	50	100	64
30	62	58	94	109	51	100	64

AUDUBON WATER COMPANY

Pressure Records

MONT Oct-21

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	61	58	96	109	50	100	64
2	61	59	97	109	52	100	65
3	61	58	96	109	51	100	64
4	61	56	90	109	51	100	64
5	60	58	96	110	52	100	64
6	63	58	94	110	52	100	64
7	60	58	100	110	52	100	64
8	62	56	90	110	52	100	64
9	62	58	98	109	50	100	64
10	63	58	100	109	52	100	64
11	62	58	100	110	52	100	64
12	62	58	96	109	51	100	64
13	62	58	94	110	52	100	64
14	61	58	94	110	52	100	64
15	61	58	98	110	52	100	64
16	65	58	94	110	52	100	64
17	63	58	86	110	52	100	64
18	62	58	88	110	52	100	64
19	63	58	94	110	52	100	64
20	63	58	98	110	52	100	64
21	64	58	100	110	51	100	64
22	63	58	98	109	51	100	64
23	63	58	100	109	51	100	65
24	63	58	94	109	52	100	62
25	64	58	100	109	52	100	64
26	64	58	100	109	52	100	64
27	63	57	95	110	52	100	65
28	60	58	96	109	51	100	64
29	60	58	98	102	52	100	64
30	62	48	94	110	52	100	63

AUDUBON WATER COMPANY

Pressure Records

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AUDUBON WATER COMPANY

Pressure Records

MONT 21-Nov

DAY	LVL OUT	FAL IN	FAL OUT	FB PROV	SKY	SHNDL	VFCC 2
1	62	58	98	108	52	100	64
2	62	58	100	110	52	100	65
3	64	58	960	110	52	100	63
4	64	58	98	110	52	100	64
5	63	60	96	110	53	100	63
6	63	59	96	110	51	100	64
7	62	58	94	110	52	100	63
8	63	58	98	110	52	100	63
9	62	58	93	110	52	100	64
10	62	58	88	110	52	100	63
11	62	59	95	110	52	100	64
12	64	58	100	110	52	100	64
13	63	59	96	109	52	100	64
14	63	58	100	110	52	100	64
15	62	58	97	110	53	100	64
16	62	59	97	110	51	100	64
17	60	58	100	110	52	100	63
18	64	58	98	110	52	100	63
19	63	59	96	110	52	100	64
20	64	58	98	110	52	100	63
21	64	58	94	110	52	100	63
22	64	58	98	110	52	100	63
23	64	58	98	110	52	100	64
24	64	58	94	110	52	100	64
25	64	59	100	110	52	100	63
26	64	58	98	110	52	100	63
27	64	59	96	108	52	100	64
28	64	58	100	110	52	100	64
29	64	56	99	110	53	100	64
30	64	57	96	110	52	100	65
31							

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

- (7) By July 1, 2021, and by December 31, 2021 thereafter, please provide a pressure survey log report of all system pressure readings completed by Audubon to include, at a minimum, those points at the highest and lowest ground elevations during periods near maximum and minimum usage for the period commencing January 1, 2021. Reports should be completed in an Excel format.

RESPONSE: Audubon collects daily pressure logs and has provided those in response to Question No. 5 above.

Audubon's daily testing typically occurs during peak morning usage with additional readings during late afternoon just before peak. See response to Question No. 6 above as if set forth in full.

PROVIDED BY: JH Russell, Manager

DATE: June 25, 2021

SUPPLEMENTAL RESPONSE:

See Supplemental Response No. 5.

PROVIDED BY: JH Russell, Manager

DATE: December 30, 2021

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

- (9) By July 1, 2021, please provide a copy of the fire hydrant test results for the flow tests conducted on the hydrants of concern identified by Lower Providence Township's Fire Marshal and for any other fire hydrant tests conducted during this period. Identify the test date, test time, hydrant location, unique identifier, elevation, nozzle diameter, nozzle coefficient, static pressure, residual pressure, fire flow rate, rating pressure, and pass/deficient status tabulated in an Excel format. If any additional fire hydrant tests are conducted after July 1, 2021, please provide the same information for such hydrants by December 31, 2021.

RESPONSE: Audubon is actively coordinating with Lower Providence Township for flow testing to occur during Audubon's fall hydrant flushing program to incorporate for flow test monitoring. Audubon visually confirmed adequate flows for its hydrants during its spring flushing. Audubon does not flush hydrants during summer months or conduct flow testing due to water use restrictions in the region.

PROVIDED BY: JH Russell, Manager

DATE: June 25, 2021

SUPPLEMENTAL RESPONSE:

Audubon conducted additional testing and flushing to ensure adequate flow for fire protection service since July. To do so, Audubon was required to upgrade its flow testing equipment and purchased a new meter with a diffuser for use.

During Audubon's fall system flushing, Audubon visually inspected flow from hydrants to confirm adequate pressures. Typically, unless hydrants appeared defective or with less than desired pressures, the fall flushing was not operated to maximum flow capacity for testing. Instead, Audubon would flush an area, then individual hydrant could be tested at LPT's request.

Audubon conducted four flow tests related to a new construction project with fire service. Audubon's flow test occurred at multiple hydrants, including on Madison Ave. and at Level Rd near the Arrowhead Elementary project in Methacton School District.

Methacton School District had an engineer present during testing at Level Rd. The results provided a flow of 535 gpm, with a static pressure of 61 psi and a residual pressure on the dead end after the hydrant at 21 psi. This new project with the School District was the highest priority testing area during fall 2021 to ensure adequate fire protection for the new facility. It is Audubon's understanding the

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

School District coordinated with LPT Fire Marshal on the fire protection related matters for the project, including hydrants.

Additionally, throughout the year Audubon undertook targeted system flushing in areas noted in the public input hearings during the rate case on multiple occasions to make sure the distribution system in that area was cleaned as thoroughly as possible.

PROVIDED BY: JH Russell, Manager

DATE: December 30, 2021

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

- (12) Based upon Audubon's review of the Lower Providence Township's Fire Marshal hydrant flow tests and the results of the fire hydrant tests conducted by Audubon, please prepare a fire hydrant remediation plan detailing the company's planned to remediate or replace fire hydrants found to provide a deficient level of service that includes a schedule for the expected start and completion date of each plan item by December 31, 2021.

RESPONSE: Audubon has already completed one hydrant replacement in coordination with the LPT fire marshal. The hydrant, Audubon Square #4 hotel, was replaced in April 2021. Audubon coordinated with LPT's fire marshall to confirm the need for and completion of the hydrant replacement.

Additionally, through coordination with Audubon, LPT's Fire Marshall suggested that Hydrant #12 at the corner of Ringneck and Morning dove be a target for replacement. Audubon has investigated to determine the process and costs for replacement and is scheduling the replacement to occur in September.

Audubon has identified the following hydrants which it will coordinate replacement with the LPT fire marshal, including 935 Jefferson, Egypt Rd. next to storage yard, 3640 Worthington to be determined during fall flushing operations, and Stoughton and Dorchester to be determined during fall flushing.

PROVIDED BY: JH Russell, Manager

DATE: June 25, 2021

SUPPLEMENTAL RESPONSE:

Since Audubon's June response, Audubon has not found any additional deficient hydrants in coordination with LPT's Fire Marshal. Audubon is also working towards replacement or increased flow to the Hydrants identified in the June 25, 2021 response.

Audubon has also identified an additional hydrant on Skyline Drive during routine inspections to be schedule for repair and/or replacement.

Due to Hurricane Ida damaging a portion of Audubon's main at Shearwater Dr. in September, Audubon's highest priority was to repair and replace this section which included a Fire Hydrant that was forced out of service due to the damage. Audubon completed the main repair and hydrant repair, and the hydrant is back in service and the water main is once again in a looped configuration to ensure adequate service.

**MONITORING & REPORTING REQUIREMENTS FOR AUDUBON WATER
COMPANY AT DOCKET NO. R-2020-3020919**

Audubon Water Company's Responses to BTUS Directed Questions Set I

Additionally, Audubon has identified and has a contractor in place to loop a water main on Highly rd. to Sunnyside Ave. This will increase flow to the LPT's Fire Marshall's top priority hydrants on Sunnyside Ave.

PROVIDED BY: JH Russell, Manager

DATE: December 30, 2021

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- (13) By December 31, 2021, please provide a comprehensive year end summary of all actions taken by Audubon during 2021 to improve the level of service and reliability of all the system's fire hydrants. Specifically identify the status of fire hydrants deemed as having high importance and any fire hydrant replacements, pump or main replacements/improvements, and any planned future work Audubon intends to complete to remediate fire hydrant and pressure deficiencies.

RESPONSE: Audubon's major focus this year has been replacement of a Water Main damaged by the remnants of Hurricane Ida. This water main is one of three looped mains that transfer water from the major areas of production to the majority of Audubon's distribution system. The damaged area caused a section of water main to be taken out of service, including a fire hydrant. This also temporarily decreased any potential fire hydrant flows in the adjoining neighborhoods. This was due to the temporary creation of the dead ends during repair. Once the section of water main was replaced the 7 fire hydrants in the areas were returned to normal flows. Additionally, two valves were also installed in this area during the repair.

Besides this effort, Audubon has been planning water main looping in the Sunnyside area. This is an area of concern for the Lower Providence Fire Marshall and this looping will increase flow to the fire hydrants in question. This will also allow Audubon to replace a fire hydrant that is on both parties list of concerns for replacement. Additionally, Audubon continues to work towards repairs and replacement of the fire hydrants identified by LPT's fire marshal.

Other Activities:

Audubon flushed fire hydrants that were identified during the public hearings as areas of concern as discussed in No. 9 above.

Audubon conducted 4 fire flow tests for properties where fire service was requested (at both Madison Ave. and Level Rd.), during which Audubon had to flush the area so as not to create adverse impact existing customers. The flow testing at Level Rd was done in coordination with Methacton School District who was in coordination with LPT's Fire Marshal.

Audubon has been continuing to inspect its fire hydrants. During this process Audubon was able to identify an additional hydrant to replace on Skyline Drive. Audubon's operations are already making plans to how to repair or replace this fire hydrant. This specific hydrant has no valve which complicates the replacement. A valve will be added with the hydrant replacement. Audubon currently has two fire hydrants in stock for replacements if needed.

Audubon purchased a new backhoe to facilitate all these operations including updating many rod boxes.

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Audubon hired a new operator and that operator has obtained his DEP operators license.

Audubon also has hired a new part-time operator in the hopes of making it another full time position in 2022.

Audubon was able to substantively update its O&M plans for both its systems.

PROVIDED BY: JH Russel, Manager

DATE: December 30, 2021

VERIFICATION

I, JH Russell, Manager on behalf of Audubon Water Company, hereby state that the facts set forth in the foregoing document are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing in this matter. This verification is made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.


JH Russell, Manager
Audubon Water Company

Dated: December 30, 2021

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the forgoing document upon the parties, listed below, in accordance with the requirements of § 1.54 (relating to service by a party). This document has been filed electronically on the Commission's electronic filing system and served via electronic mail only on the following:

VIA ELECTRONIC MAIL ONLY

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/s/ Whitney E. Snyder
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Bryce R. Beard, Esq.

Dated: December 30, 2021