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June 4, 2015

Ms. Luly Massaro, Clerk
Division of Public Utilities and Carriers
89 Jefferson Boulevard
Warwick, RI 02888

**Re: *Pawtucket Water Supply Board, General Rate Filing
Docket No. 4550***

Dear Ms. Massaro:

Enclosed please find an original and nine (9) copies of the following documents:

1. The Pawtucket Water Supply Board's Supplemental Response to Cumberland Data Request 1-21.

Please note that an electronic copy of these documents have been provided to the service list.

Thank you for your attention to this matter.

Sincerely,



Joseph A. Keough Jr.

JAK/kf

Enclosures

cc: Karen Lyons, Esquire

Cumb. 1-21: [Ref. – Testimony Page 5, lines 20 27] Please provide a detailed description of what is included in the Cleaning and Lining Project 6 (CL-6) (location, size and type of pipe, related appurtenances, other specifications and the currently planned construction schedule, etc.) Also provide a detailed breakdown of cost estimate that totals \$4.3 million. If it was delayed by a year, what impact would that delay have on PWSB's system and the overall rehabilitation program? Please be specific. [For example - likely additional expensive leaks, significantly higher UAW, significant pressure or flow problems, or significant additional customer dissatisfaction with water quality or delivery, etc.]

Response: Please reference the attached listing of all streets included in the CL-6 project. Since the plans and specifications for this project have not been developed yet, we can't provide a detailed cost estimate like we did for MR-10, but rather have provided a per foot cost estimate. This project will consist of the cleaning and lining of approximately 42,000 lf of distribution piping at an estimated cost of \$86/foot. The project consists mainly of cleaning and lining aging 6" and 8" unlined cast iron piping installed in the early 1900's. This piping has become very tuburculated over the years and has resulted in decreased carrying capacity and water quality problems. The cleaned and lined pipes will significantly increase the flow capacity as well as eliminate water quality issues associated with unlined cast iron. The improvement will also increase the fire-fighting capabilities in these areas.

If the project were to be delayed it would extend the PWSB Rehab program, which began in 2003. We are currently in the final phases of this program that has consisted of the lining or replacement of the majority of the transmission and distribution systems in the PWSB's service area. While no one can be certain, the delay would likely result in increased construction costs due to inflation, as well as the potential for unnecessary maintenance costs due to leaks and other issues. Any delays in the projects could also result in increased interest rates for the project loans.

Prepared by: James DeCelles

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

DOCKET NO. 4550

Supplemental Response Of
The Pawtucket Water Supply Board
To The Town of Cumberland's
Data Requests
Set 1

Supplemental

Response: The original response included the wrong estimated cost per foot. The correct estimated cost per foot should be \$103 per foot. Please see attached.

Prepared by: James DeCelles

Proposed Streets for CL-6 CLEANING & LINING CONTRACT								
		Street	City	Limits	Length	Diameter	GIS #	Notes
1	1	Carpenter St	CB	Ralco to MA line	800	6	L5	
2	2	Prospect St	CB	Mill to Myrtle	1143	6	L5, M5	
3	3	Titus St	CB	School to Broad	575	6	M4, M5	
<i>Cumberland total</i>					<u>2518</u>			
1	4	Clay St	CF	Broad to Dexter	1550	8	H4, H5	
2	5	Roosevelt Ave	CF	Charles to Central	280	8	I5	
3	6	Roosevelt Ave	CF	Central to Cross	290	10	I5	
<i>Central Falls total</i>					<u>2120</u>			
1	7	Arnold St	PA	Pleasant St to Taft St	288	8	E5	abandoned street
2	8	Baxter St	PA	Webster to Benefit; Kenyon to Mendon	1480	6	J8	
3	9	Campbell St	PA	Olympia Ave easterly to dead end	230	6		
4	10	Central Ave	PA	Newport to Benefit	3260	6	I9, J9, J10	state road
5	11	Central Ave	PA	Mendon to Newport	2930	8	I7, I8	state road
6	12	Central Ave	PA	Middle to Front	270	10	I6	
7	13	Central Ave	PA	Front to River	140	12	I6	
8	14	Colfax St	PA	Concord to Smithfield	N/A	6	B2	abandonment
9	15	Concord St	PA	Selkirk to cemetery	685	6,8	B2	
10	16	Conant St	PA	Pine to Carpenter	1230	8	G4, H4	cobblestone
11	17	East Ave	PA	Tower to James	500	8	E5	
12	18	East Ave	PA	Patt to Lyman	1285	8	D5, E5	
13	19	East St	PA	Branch to Middle	445	6	J5, J6	
14	20	Front St	PA	Blackstone to Central	1400	12	H6, I6	
15	21	Gerald St	PA	Whipple to dead end	310	6	D5	
16	22	Lily Pond St	PA	Pine to Conant	550	8	G4, H4	cobblestone
17	23	Main St	PA	Commerce to Park Pl W	200	4,8	G5	replacement
18	24	Manchester St	PA	Montgomery to rear Kennedy	90	12	H5	
19	25	Maple St	PA	Summer to Main	410	8	G5	
20	26	Newport Ave	PA	Cottage to Bucklin (e'ly)	2175	6	J9, K9	state road
21	27	Newport Ave	PA	Cottage to Armistice (w'ly)	4280	8	G8, H8, I8, J8, K9	state road
22	28	Newport Ave	PA	Central to Armistice (e'ly)	3490	8	G8, H9, I9	state road
23	29	Newport Ave	PA	Bucklin to Central (e'ly)	180	12	I9	state road
24	30	Park Pl West	PA	Main St to Church St	520	6	F5, G5	ledge
25	31	Pawtucket Ave	PA	George to Waldo (e'ly)	940	6	D4, E4, E5	
26	32	Pawtucket Ave	PA	Glenwood to Williams (w'ly)	600	6	B4, C4	
27	33	Pawtucket Ave	PA	Waldo to Sayles (e'ly)	1150	8	D4	
28	34	Pawtucket Ave	PA	George to Glenwood (w'ly)	4420	8	C4, D4, E4, E5	
29	35	Roosevelt Ave	PA	Hamilton to Exchange	490	12	G5, H5	
30	36	Smithfield Ave	PA	Prentice to Weeden	2490	8	E2, F2, G2	state road
31	37	Tim Healey Way	PA	School to hydrant	50	6	E6	
32	38	Vernon St	PA	Summit to South	240	6->8	F6	replacement
33	39	Water St	PA	Division St to School St	462	6	F5	
<i>Pawtucket total</i>					<u>37190</u>			
CL-6 total					41828			
@ estimated \$103 per foot =					\$4,308,284.00			

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CERTIFICATION

I hereby certify that on June 4, 2015, I sent a copy of the within to all parties set forth on the attached Service List by electronic mail and copies to Luly Massaro, Commission Clerk, by electronic mail and regular mail.

Parties/Address	E-mail Distribution	Phone
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David Russell	Davidrussell015@comcast.net	
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