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*Member*

October 3, 2007

Mrs. Luly Massaro  
Commission Clerk  
RI Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

RE: Docket 3832 Public Utilities Commission; Record Request

Dear Luly:

Enclosed for filing is an original and nine copies of the Commission's record request to respond to KCWA 3-3 data request.

If there are any questions, I can be reached at 521-6300, extension 7217.

Sincerely,

A handwritten signature in cursive script that reads "Mary Deignan White".

Mary Deignan White  
Regulatory Manager

cc: Pamela M. Marchand  
Boyce Spinelli  
Jeanne Bondarevskis  
Walter Edge  
Thomas S. Catlin  
Joseph J. McGair, Esq.  
Timothy J. Brown, P.E.  
Christopher P.N. Woodcock  
William Lueker, Esq.  
Thomas Massaro

Michael R. McElroy, Esq.  
Paul Gadoury  
Harold Smith  
David Bebyn  
Jerome Mierzwa  
Cindy Wilson-Frias, Esq.  
Steve Scialabba  
John Bell  
R. DiMeglio  
file

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- KCWA 3-3 Regarding the response to Div 3-4, is it correct that the past sales values are all based on revenue divided by the applicable rate? If so,
- a. Is this true for all wholesale and retail sales or just some? If just some, which ones?
  - b. How were past sales calculated in years where there was a rate change?
  - c. Are the revenues used in these calculations actual receipts or amounts billed or committed?
  - d. Are actual metered sales volumes available for some or all of the customers and/or classes: If so, please provide.

- Answer:
- a. This is true from FY 02 forward, for **retail** sales only. Wholesale are based on actual readings.
  - b. For retail sales a pro rata of the retail rate in effect at the time was calculated. For example, the July billed revenue was assumed to be consumed in April, May and June, etc. In the year when a rate increase was implemented on January 1, July through January billing was divided by the old rate, February was divided by a pro rata (2/3 old, 1/3 new) rate, March was divided by a pro rate (1/3 old, 2/3 new) rate and April through June was divided by the new rate.
  - c. The revenues used were amounts billed.
  - d. Please see attached cover sheet which summarizes the attached reports. Consumption is shown by Dwelling code which summarizes into the Class. There are some differences in the wholesale as indicated in the notes. Please note that there are differences in these numbers based on raw metered sales volumes and the numbers filed in response to Div 1-5 REVISED with FY 2007 consumptions.

We believe that the most accurate numbers to use for ratemaking purposes are those set forth in Div 1-5 REVISED with FY 2007 consumptions (which should then be modified for the Johnston and Bristol County adjustments agreed to previously on TSC-3), because the raw metered sales volumes are not properly adjusted to take into account the timing of meter readings, corrections of over/under billings, and other differences. As an example of the affect of the timing difference issue, the June 2005 East Providence consumption was entered with a reading date of 7/1/05 in Customer Star. This creates a 185 million gallon, or 247,326 hcf variance in the comparison of the 2 reported figures for FY 2005 and FY 2006.

**Providence Water  
Consumption Breakdown by Customer Class/Dwelling Code**

	<u>FYE 04</u>	<u>FYE 05</u>	<u>FYE 06</u>	<u>FYE 07</u>
Wholesale	14,880,098	14,775,949	14,988,009	13,939,698
Notes:	(1)	(2)	(3)	(4)
<b><u>Retail:</u></b>				
Residential	4,842,694	4,922,035	5,272,072	4,775,532
Multi-family	<u>5,231,053</u>	<u>5,233,889</u>	<u>5,238,715</u>	<u>5,146,132</u>
Sub-total Residential	10,073,747	10,155,923	10,510,787	9,921,664
Commercial	4,445,845	4,715,518	5,076,698	4,733,034
Industrial	<u>743,523</u>	<u>684,470</u>	<u>733,920</u>	<u>656,670</u>
Sub-total Retail	<u>15,263,116</u>	<u>15,555,911</u>	<u>16,321,405</u>	<u>15,311,369</u>
Total Consumption	30,143,214	30,331,861	31,309,414	29,251,066

For KCWA 3-3d

**Notes:**

- (1) Includes additional Johnston consumption
- (2) Includes additional Johnston consumption  
Includes 11 months of consumption for East Providence
- (3) Includes additional Johnston consumption  
Does not include NBC wholesale revenue, included in Commercial  
Includes 13 months consumption for East Providence  
Does not include an adjustment for Warwick from June 2006 recorded  
in October 2006
- (4) Includes an adjustment for Warwick from June 2006

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
<b>Commercial</b>					
04 - Combination	830	830	245,275.99	183,479,194.87	
05 - Commercial I	1,290	1,290	682,065.39	510,220,382.68	
06 - Commercial II	2,674	2,673	1,567,407.79	1,172,502,530.98	
10 - Utility	21	21	103,048.47	77,085,614.08	
11 - Seasonal / Beach	10	10	5,164.82	3,863,553.93	
12 - Misc.	21	21	4,591.86	3,434,950.06	
14 - Comm/Indus Vac. Land	44	44	5,540.46	4,144,552.18	
15 - Other Vacant Land	34	34	8,159.45	6,103,692.89	
24 - Comm. Condo.	30	30	33,128.75	24,782,027.70	
70 - Cemetary	5	5	1,458.53	1,091,056.28	
71 - Charitable	59	59	24,153.13	18,067,797.20	
72 - Church	182	182	26,783.50	20,035,450.74	
73 - Ex-charter	54	54	25,701.39	19,225,976.19	
74 - Federal	14	14	25,027.15	18,721,609.61	
75 - Hospital	54	54	534,385.96	399,748,486.15	
76 - Library	15	15	5,640.27	4,219,215.25	
78 - Municipal	170	170	235,816.57	176,403,056.82	
79 - School	396	396	718,756.99	537,667,603.88	
80 - State	58	58	458,462.14	342,953,523.01	
83 - Stabilized (44-3-9)	1	1	45.00	33,662.34	
84 - Amtrak	5	5	1,570.32	1,174,681.02	
CONHYD - CONTRACTOR HYDRANT	44	44	18,968.18	14,189,184.40	
PARK - PARK	6	6	1,882.28	1,408,043.32	
<b>Commercial</b>	<b>6,017</b>	<b>6,016</b>	<b>4,733,034.40</b>	<b>3,540,555,845.60</b>	<b>786.61</b>
<b>Industrial</b>					
07 - Industrial	607	607	655,847.89	490,608,325.81	
25 - Indus. Condo.	2	2	822.40	615,197.96	
<b>Industrial</b>	<b>609</b>	<b>609</b>	<b>656,670.29</b>	<b>491,223,523.78</b>	<b>1,078.28</b>
<b>Multi-Family</b>					
02 - 2 - 5 Family	19,072	19,069	3,741,687.45	2,798,976,780.35	
03 - Apartments	1,087	1,087	1,210,097.25	905,215,668.06	
23 - Resid. Condo.	388	388	194,347.08	145,381,721.89	
<b>Multi-Family</b>	<b>20,547</b>	<b>20,544</b>	<b>5,146,131.78</b>	<b>3,849,574,170.29</b>	<b>250.46</b>
<b>Residential</b>					
00 - Unknown	1	1	3.99	2,984.73	
01 - Single Family	45,327	45,321	4,732,926.35	3,540,475,021.97	

Class	Distinct Count of Accs	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
13 - Resid. - Vacant Land	275	275	41,728.07	31,214,766.22	
21 - Resid Bldg Lease Lnd	3	3	287.01	214,698.40	
33 - Farm / Forest	4	4	501.80	375,372.49	
RES1 - 1 FAMILY HOUSE	2	2	84.91	63,517.10	
<b>Residential</b>	<b>45,612</b>	<b>45,606</b>	<b>4,775,532.13</b>	<b>3,572,346,360.91</b>	<b>104.70</b>
<b>Wholesale</b>					
40 - WHOLESALE	18	18	13,939,697.57	10,427,618,647.01	
<b>Wholesale</b>	<b>18</b>	<b>18</b>	<b>13,939,697.57</b>	<b>10,427,618,647.01</b>	<b>774,427.64</b>
<b>Total No. of Accounts</b>	<b>72,803</b>	<b>72,793</b>	<b>29,251,066.17</b>	<b>21,881,318,547.59</b>	<b>401.78</b>

Consumption (rdgcons) - Bill Date Jul 1, 2005 - Jun 30, 2006

9/28/2007

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCf	Gal	Avg HCF/Class
<b>Commercial</b>					
04 - Combination	826	826	220,577.68	165,003,574.68	
05 - Commercial I	1,259	1,259	627,233.76	469,203,468.64	
06 - Commercial II	2,702	2,701	1,709,831.17	1,279,042,625.72	
10 - Utility	20	20	166,024.38	124,194,869.51	
11 - Seasonal / Beach	11	11	14,092.25	10,541,735.80	
12 - Misc.	20	20	8,907.72	6,663,437.76	
14 - Comm/Indus Vac. Land	43	43	7,973.50	5,964,592.62	
15 - Other Vacant Land	35	35	9,812.60	7,340,335.06	
24 - Comm. Condo.	30	30	24,992.03	18,695,338.03	
70 - Cemetary	5	5	-420.69	-314,698.00	
71 - Charitable	59	59	30,622.19	22,906,990.47	
72 - Church	182	182	34,977.91	26,165,295.53	
73 - Ex-charter	54	54	27,456.76	20,539,084.23	
74 - Federal	14	14	18,256.70	13,656,960.95	
75 - Hospital	52	52	559,011.99	418,170,037.14	
76 - Library	15	15	5,180.09	3,874,976.68	
78 - Municipal	170	170	344,373.94	257,609,614.56	
79 - School	402	402	797,656.31	596,688,398.01	
80 - State	58	58	448,427.57	335,447,136.96	
83 - Stabilized (44-3-9)	1	1	24.70	18,476.88	
84 - Amtrak	5	5	2,047.96	1,531,980.57	
CONHYD - CONTRACTOR HYDRANT	37	37	18,310.35	13,697,093.02	
PARK - PARK	6	6	1,319.01	986,688.07	
<b>Commercial</b>	<b>6,006</b>	<b>6,005</b>	<b>5,076,689.87</b>	<b>3,797,628,012.90</b>	<b>845.27</b>
<b>Fire Protection</b>					
45 - PUBLIC FIRE HYDRANTS	1	1	8.00	5,984.42	
<b>Fire Protection</b>	<b>1</b>	<b>1</b>	<b>8.00</b>	<b>5,984.42</b>	<b>8.00</b>
<b>Industrial</b>					
07 - Industrial	616	616	733,340.93	548,577,149.37	
25 - Indus. Condo.	3	3	579.30	433,346.52	
<b>Industrial</b>	<b>619</b>	<b>619</b>	<b>733,920.23</b>	<b>549,010,495.89</b>	<b>1,185.65</b>
<b>Multi-Family</b>					
02 - 2 - 5 Family	18,972	18,969	3,768,301.99	2,818,885,840.22	
03 - Apartments	1,094	1,094	1,260,091.90	942,614,265.98	
23 - Resid. Condo.	388	388	210,321.33	157,331,291.55	
<b>Multi-Family</b>	<b>20,454</b>	<b>20,451</b>	<b>5,238,715.22</b>	<b>3,918,831,397.75</b>	<b>256.12</b>

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
<b>Residential</b>					
01 - Single Family	45,158	45,152	5,226,829.71	3,909,940,418.22	
13 - Resid. - Vacant Land	276	276	44,225.63	33,083,070.97	
21 - Resid Bldg Lease Lnd	2	2	334.39	250,141.11	
33 - Farm / Forest	4	4	682.33	510,418.32	
<b>Residential</b>	<b>45,440</b>	<b>45,434</b>	<b>5,272,072.06</b>	<b>3,943,784,048.63</b>	<b>116.02</b>
<b>Wholesale</b>					
40 - WHOLESALE	18	18	14,988,009.23	11,211,810,278.10	
<b>Wholesale</b>	<b>18</b>	<b>18</b>	<b>14,988,009.23</b>	<b>11,211,810,278.10</b>	<b>832,667.18</b>
<b>Total No. of Accounts</b>	<b>72,538</b>	<b>72,528</b>	<b>31,309,414.61</b>	<b>23,421,070,217.68</b>	<b>431.63</b>

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
<b>Commercial</b>					
04 - Combination	827	827	217,204.66	162,480,380.32	
05 - Commercial I	1,219	1,219	541,271.36	404,899,123.39	
06 - Commercial II	2,714	2,713	1,628,643.85	1,218,310,292.29	
10 - Utility	20	20	29,454.94	22,033,826.78	
11 - Seasonal / Beach	10	10	5,301.58	3,965,857.52	
12 - Misc.	15	15	6,173.90	4,618,398.24	
14 - Comm/Indus Vac. Land	44	44	8,427.65	6,304,320.44	
15 - Other Vacant Land	36	36	7,262.73	5,432,899.70	
24 - Comm. Condo.	27	27	24,377.49	18,235,630.15	
70 - Cemetary	5	5	1,531.81	1,145,873.53	
71 - Charitable	59	59	32,213.98	24,097,732.17	
72 - Church	181	181	28,743.23	21,501,430.69	
73 - Ex-charter	54	54	24,626.76	18,422,097.07	
74 - Federal	14	14	21,650.72	16,195,864.40	
75 - Hospital	52	52	625,542.76	467,938,512.70	
76 - Library	15	15	3,888.01	2,908,433.66	
78 - Municipal	167	167	353,468.81	264,413,050.26	
79 - School	401	401	680,243.57	508,857,563.03	
80 - State	58	58	457,301.06	342,084,972.08	
83 - Stabilized (44-3-9)	1	1	38.50	28,800.00	
84 - Amtrak	5	5	1,808.66	1,352,971.73	
CONHYD - CONTRACTOR HYDRANT	17	17	14,152.30	10,586,656.32	
PARK - PARK	7	7	2,147.14	1,606,172.37	
<b>Commercial</b>	<b>5,948</b>	<b>5,947</b>	<b>4,715,475.47</b>	<b>3,527,420,858.84</b>	<b>792.78</b>
<b>Fire Protection</b>					
45 - PUBLIC FIRE HYDRANTS	1	1	42.30	31,642.60	
<b>Fire Protection</b>	<b>1</b>	<b>1</b>	<b>42.30</b>	<b>31,642.60</b>	<b>42.30</b>
<b>Industrial</b>					
07 - Industrial	625	625	684,152.47	511,781,623.49	
25 - Indus. Condo.	5	5	317.70	237,656.12	
<b>Industrial</b>	<b>630</b>	<b>630</b>	<b>684,470.17</b>	<b>512,019,279.61</b>	<b>1,086.46</b>
<b>Multi-Family</b>					
02 - 2 - 5 Family	18,849	18,846	3,778,663.43	2,826,636,736.14	
03 - Apartments	1,087	1,087	1,262,924.53	944,733,220.52	
23 - Resid. Condo.	382	382	192,300.73	143,850,945.68	
<b>Multi-Family</b>	<b>20,318</b>	<b>20,315</b>	<b>5,233,888.69</b>	<b>3,915,220,902.33</b>	<b>257.60</b>



Consumption (rdgcons) - Bill Date Jul 1, 2004 - Jun 30, 2005

10/2/2007

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
<b>Residential</b>					
01 - Single Family	44,874	44,868	4,865,420.47	3,639,587,513.42	
13 - Resid. - Vacant Land	276	276	55,751.60	41,705,095.88	
21 - Resid Bldg Lease Lnd	2	2	265.00	198,233.78	
33 - Farm / Forest	4	4	597.54	446,990.99	
<b>Residential</b>	<b>45,156</b>	<b>45,150</b>	<b>4,922,034.61</b>	<b>3,681,937,834.08</b>	<b>109.00</b>
<b>Wholesale</b>					
40 - WHOLESALE	18	18	14,775,949.48	11,053,178,558.51	
<b>Wholesale</b>	<b>18</b>	<b>18</b>	<b>14,775,949.48</b>	<b>11,053,178,558.51</b>	<b>820,886.08</b>
<b>Total No. of Accounts</b>	<b>72,071</b>	<b>72,061</b>	<b>30,331,860.72</b>	<b>22,689,809,075.97</b>	<b>420.86</b>

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
<b>Commercial</b>					
04 - Combination	824	824	234,822.08	175,659,126.59	
05 - Commercial I	1,177	1,177	543,949.55	406,902,548.78	
06 - Commercial II	2,724	2,723	1,591,698.35	1,190,673,137.68	
10 - Utility	20	20	25,497.57	19,073,508.23	
11 - Seasonal / Beach	10	10	2,649.46	1,981,933.85	
12 - Misc.	16	16	7,461.95	5,581,926.62	
14 - Comm/Indus Vac. Land	42	42	9,947.00	7,440,873.24	
15 - Other Vacant Land	36	36	12,133.98	9,076,848.01	
24 - Comm. Condo.	27	27	24,833.21	18,576,532.41	
70 - Cemetary	5	5	3,313.20	2,478,445.89	
71 - Charitable	55	55	28,965.60	21,667,775.01	
72 - Church	179	179	31,101.08	23,265,225.10	
73 - Ex-charter	54	54	34,479.20	25,792,234.52	
74 - Federal	13	13	15,892.06	11,888,087.27	
75 - Hospital	51	51	556,910.36	416,597,908.62	
76 - Library	15	15	7,932.12	5,933,638.23	
77 - Military	1	1	0.00	0.00	
78 - Municipal	166	166	193,090.13	144,441,457.93	
79 - School	400	400	679,131.92	508,025,991.02	
80 - State	60	60	433,441.10	324,236,482.71	
83 - Stabilized (44-3-9)	1	1	15.10	11,295.59	
84 - Amtrak	5	5	2,120.06	1,585,915.12	
CONHYD - CONTRACTOR HYDRANT	5	5	4,632.90	3,465,650.11	
PARK - PARK	6	6	1,826.93	1,366,638.64	
<b>Commercial</b>	<b>5,892</b>	<b>5,891</b>	<b>4,445,844.92</b>	<b>3,325,723,181.15</b>	<b>754.56</b>
<b>Industrial</b>					
07 - Industrial	630	630	743,225.43	555,971,269.36	
25 - Indus. Condo.	5	5	297.90	222,844.69	
<b>Industrial</b>	<b>635</b>	<b>635</b>	<b>743,523.33</b>	<b>556,194,114.05</b>	<b>1,170.90</b>
<b>Multi-Family</b>					
02 - 2 - 5 Family	18,784	18,781	3,896,123.33	2,914,502,849.25	
03 - Apartments	1,082	1,082	1,149,601.04	859,961,357.17	
23 - Resid. Condo.	379	379	185,328.51	138,635,362.56	
<b>Multi-Family</b>	<b>20,245</b>	<b>20,242</b>	<b>5,231,052.88</b>	<b>3,913,099,568.99</b>	<b>258.39</b>
<b>Residential</b>					
01 - Single Family	44,592	44,586	4,771,511.98	3,569,339,079.66	

Consumption (rdgcons) - Bill Date Jul 1, 2003 - Jun 30, 2004

10/2/2007

Class	Distinct Count of Accts	Dist Count of Svc Locs	HCF	Gal	Avg HCF/Class
13 - Resid. - Vacant Land	272	272	70,731.34	52,910,720.35	
21 - Resid Bldg Lease Lnd	2	2	224.00	167,563.65	
33 - Farm / Forest	3	3	227.11	169,890.09	
<b>Residential</b>	<b>44,869</b>	<b>44,863</b>	<b>4,842,694.43</b>	<b>3,622,587,253.75</b>	<b>107.93</b>
<b>Wholesale</b>					
40 - WHOLESale	17	17	14,880,098.12	11,131,087,161.82	
<b>Wholesale</b>	<b>17</b>	<b>17</b>	<b>14,880,098.12</b>	<b>11,131,087,161.82</b>	<b>875,299.89</b>
<b>Total No. of Accounts</b>	<b>71,658</b>	<b>71,648</b>	<b>30,143,213.68</b>	<b>22,548,691,279.77</b>	<b>420.65</b>