

State of Florida



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Public Service Commission

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TALLAHASSEE, FLORIDA 32399-0850

COMMISSION
CLERK

-M-E-M-O-R-A-N-D-U-M-

DATE: September 15, 2008 070694-WS

TO: Ann Cole, Commission Clerk - PSC, Office of Commission Clerk -ram

FROM: ^{PRN} Richard P. Redemann, Professional Engineer III, Division of Economic Regulation p.d.

RE: Docket No. 07694-WS; Application for increase in Water Rates in Orange County by Wedgefield Utilities, Inc.

On August 25, 2008 in response to the customer meeting the utility estimated that the amount of chlorine needed after the MIEX treatment would be less. The utility then provided an estimate that the chlorine cost would be reduced by \$19,395.43. Attached is the utility's calculation.

CAMsWord/070694d.doc

cc: Bart Fletcher, Jan Kyle, Division of Economic Regulation
Caroline Klancke, Office of the General Counsel

DOCUMENT NUMBER-DATE

08733 SEP 17 8

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Wedgefield Utilities, Inc.
 Schedule of Chemicals
 Test Year Ended June 30, 2007
 July 2006- June 30, 2007
 Wedgefield- List of Chemicals

| Date of Invoice | Sodium Hypochlorite 10% solution | | Sodium Hypochlorite 10% solution | |
|-----------------|-------------------------------------|------------|-------------------------------------|------------|
| | 1 Gal | Unit Price | 1 Gal | Unit Price |
| 2006 | | | | |
| 6/15/2006 | 625 | 0.55 | | |
| 6/15/2006 | | | 900 | 0.55 |
| 6/22/2006 | 555 | 0.55 | | |
| 6/22/2006 | | | 635 | 0.55 |
| 6/23/2006 | | | | |
| 6/29/2006 | | | | |
| 6/29/2006 | 515 | 0.55 | | |
| 6/29/2006 | | | 790 | 0.55 |
| 7/6/2006 | 470 | 0.55 | | |
| 7/6/2006 | | | 730 | 0.55 |
| 7/13/2006 | 445 | 0.55 | | |
| 7/13/2006 | | | 805 | 0.55 |
| 7/17/2006 | | | | |
| 7/20/2006 | 400 | 0.55 | | |
| 7/20/2006 | | | 870 | 0.55 |
| 7/27/2006 | 390 | 0.55 | | |
| 7/27/2006 | | | 930 | 0.55 |
| 8/3/2006 | 465 | 0.55 | | |
| 8/3/2006 | | | 950 | 0.55 |
| 8/8/2006 | | | | |
| 8/10/2006 | 595 | 0.55 | | |
| 8/10/2006 | | | 970 | 0.55 |
| 8/14/2006 | | | | |
| 8/17/2006 | 860 | 0.55 | | |
| 8/17/2006 | | | 995 | 0.55 |
| 8/24/2006 | 645 | 0.55 | | |
| 8/24/2006 | | | 1015 | 0.55 |
| 8/28/2006 | | | | |
| 8/31/2006 | 510 | 0.55 | | |
| 8/31/2006 | | | 930 | 0.55 |
| 9/7/2006 | | | | |
| 9/7/2006 | 495 | 0.55 | | |
| 9/7/2006 | | | 1040 | 0.55 |
| 9/8/2006 | | | | |
| 9/14/2006 | 487 | 0.55 | | |
| 9/14/2006 | | | 987 | 0.55 |
| 9/21/2006 | 640 | 0.55 | | |
| 9/21/2006 | | | 945 | 0.55 |
| 9/25/2006 | | | | |
| 9/28/2006 | 680 | 0.55 | | |
| 9/28/2006 | | | 1000 | 0.55 |
| 10/3/2006 | | | | |

DOCUMENT NUMBER-DATE

08733 SEP 17 08

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| | | | | |
|-------------|-----|------|------|------|
| 10/4/2006 | | | | |
| 10/4/2006 | | | | |
| 10/5/2006 | 760 | 0.55 | | |
| 10/5/2006 | | | 1000 | 0.55 |
| 10/12/2006 | 755 | 0.55 | | |
| 10/12/2006 | | | 965 | 0.55 |
| 10/19/2006 | 805 | 0.55 | | |
| 10/19/2006 | | | 935 | 0.55 |
| 10/26/2006 | 760 | 0.55 | | |
| 10/26/2006 | | | 990 | 0.55 |
| 11/2/2006 | 720 | 0.55 | | |
| 11/2/2006 | | | 990 | 0.55 |
| 11/9/2006 | 685 | 0.55 | | |
| 11/9/2006 | | | 955 | 0.55 |
| 11/14/2006 | | | | |
| 11/16/2006 | 740 | 0.55 | | |
| 11/16/2006 | | | 935 | 0.55 |
| 11/24/2006 | 790 | 0.55 | | |
| 11/24/2006 | | | 1330 | 0.55 |
| 11/30/2006 | | | | |
| 11/30/2006 | 620 | 0.55 | | |
| 11/30/2006 | | | 1090 | 0.55 |
| 12/7/2006 | 675 | 0.55 | | |
| 12/7/2006 | | | 1215 | 0.55 |
| 12/14/2006 | 775 | 0.55 | | |
| 12/14/2006 | | | 1200 | 0.55 |
| 12/21/2006 | | | | |
| 12/21/2006 | 660 | 0.55 | | |
| 12/21/2006 | | | 850 | 0.55 |
| 2007 | | | | |
| 12/28/2006 | 635 | 0.55 | | |
| 12/28/2006 | | | 850 | 0.55 |
| 1/4/2007 | 695 | 0.75 | | |
| 1/4/2007 | | | 850 | 0.75 |
| 1/9/2007 | | | | |
| 1/11/2007 | 680 | 0.75 | | |
| 1/11/2007 | | | 980 | 0.75 |
| 1/11/2007 | | | | |
| 1/11/2007 | | | | |
| 1/18/2007 | 760 | 0.75 | | |
| 1/18/2007 | | | 970 | 0.75 |
| 1/25/2007 | 690 | 0.75 | | |
| 1/25/2007 | | | 960 | 0.75 |
| 1/31/2007 | | | | |
| 2/1/2007 | 675 | 0.75 | | |
| 2/1/2007 | | | 1045 | 0.75 |
| 2/8/2007 | 715 | 0.75 | | |
| 2/8/2007 | | | 875 | 0.75 |
| 2/15/2007 | 755 | 0.75 | | |
| 2/15/2007 | | | 900 | 0.75 |
| 2/22/2007 | 845 | 0.75 | | |
| 2/22/2007 | | | 965 | 0.75 |

| | | | | |
|-----------|------|------|------|------|
| 2/22/2007 | | | | |
| 2/26/2007 | | | | |
| 3/1/2007 | 840 | 0.75 | | |
| 3/1/2007 | | | 835 | 0.75 |
| 3/8/2007 | 885 | 0.75 | | |
| 3/8/2007 | | | 945 | 0.75 |
| 3/15/2007 | 875 | 0.75 | | |
| 3/15/2007 | | | 950 | 0.75 |
| 3/19/2007 | | | | |
| 3/22/2007 | 610 | 0.75 | | |
| 3/22/2007 | | | 825 | 0.75 |
| 3/23/2007 | | | | |
| 3/28/2007 | | | 1030 | 0.75 |
| 3/29/2007 | 615 | 0.75 | | |
| 4/5/2007 | 930 | 0.75 | | |
| 4/5/2007 | | | 990 | 0.75 |
| 4/6/2007 | | | 905 | 0.75 |
| 4/6/2007 | | | | |
| 4/9/2007 | | | | |
| 4/12/2007 | 920 | 0.75 | | |
| 4/12/2007 | | | 1020 | 0.75 |
| 4/13/2007 | | | | |
| 4/19/2007 | | | 1045 | 0.75 |
| 4/20/2007 | | | | |
| 4/23/2007 | | | | |
| 4/26/2007 | 880 | 0.75 | | |
| 4/26/2007 | | | 985 | 0.75 |
| 5/2/2007 | | | | |
| 5/3/2007 | 1025 | 0.75 | | |
| 5/3/2007 | | | 1065 | 0.75 |
| 5/10/2007 | 815 | 0.75 | | |
| 5/10/2007 | | | 970 | 0.75 |
| 5/10/2007 | | | | |
| 5/17/2007 | 910 | 0.75 | | |
| 5/17/2007 | | | 945 | 0.75 |
| 5/17/2007 | | | | |
| 5/23/2007 | | | | |
| 5/23/2007 | | | | |
| 5/24/2007 | | | 1065 | 0.75 |
| 5/24/2007 | 815 | 0.75 | | |
| 5/29/2007 | | | | |
| 5/30/2007 | | | 2105 | 0.75 |
| 5/30/2007 | 590 | 0.75 | | |
| 6/7/2007 | | | 1075 | 0.75 |
| 6/7/2007 | 940 | 0.75 | | |
| 6/14/2007 | | | 720 | 0.75 |
| 6/14/2007 | | | | |

| | |
|--------|--------|
| 35,622 | 52,817 |
|--------|--------|

| | | |
|--------------------|--------|--------|
| Quantity Purchased | 35,622 | 52,817 |
|--------------------|--------|--------|

| Unit of Measure | Gallons | Gallons |
|---------------------------------|--------------------|--------------------|
| Average Cost/ Unit | | |
| Where Used (Water/ Sewer) | Sewer Only | Water Only |
| Specify Dosage Rate | Disinfecting agent | Disinfecting agent |
| Water, total item used, gallons | | 52,817 |
| Water, chemical feed rate, ppm | N/A | 29 |
| Volume treated, million gal. | | 182.8 |
| Sewer, total item used, gallons | 35,622 | |
| Sewer, chemical feed rate, ppm | 38 | N/A |
| Volume treated, million gal. | 93.9 | |

| | |
|---|---------------|
| Gallons of chlorine in TY | 52,817 |
| Fractional usage projected TY | 0.25 |
| Annual volume plus plus growth factor of 5% per annum | 16,505 |
| Expected 13% increase in unit price per vendor effective 12/31/08 | \$0.85 |
| Annual expense | \$14,029.52 |
| Adjustment to B-5 | (\$19,395.43) |