

February 18, 2016

Mr. Mark Johnson,  
La Crosse Utilities Office  
400 La Crosse Street  
La Crosse, WI 54601

RE: ARAMARK Uniform & Career Apparel, LLC- Wastewater Discharge Sewer Billing

Dear Mr. Johnson:

I would like to thank you for recently meeting with me to discuss the issues concerning our wastewater discharge flowmeter. As you are aware, during an approximate six month period our wastewater discharge flowmeter recorded higher volume than our incoming water usage. We have since identified and corrected the problem with the wastewater discharge meter and going forward will conduct routine inspection and calibration checks to ensure the accuracy.

As an industrial laundry, a significant amount of water utilized within our process is not discharged to sewer. This is due to the following reasons:


- During the wash cycle, water is heated to high temperature (180 degree Fahrenheit) for utilization in the laundering process.
- After the wash cycle, merchandise is extracted to remove excess water prior to drying. The average moisture retention of a (60/40 shirt or pants) is approximately 60%.
- Large tumblers (dryers) are utilized to dry merchandise. Moisture from this process is discharged to the atmosphere.
- Water loss occurs through steam generation during the heating in a gas fired boiler and is utilized in steam tunnels, shirt presses and ironers to finish garments. An average of 30% of the steam is lost during the process.

An industrial laundry can normally see evaporation rates typically between 6%-15% depending on the merchandise types processed. Since the correction to our wastewater flow meter we analyzed a period of 22 days from January 19<sup>th</sup> – February, 17<sup>th</sup>. During this period of time, we demonstrated an approximate 9% evaporative loss from our incoming water to the wastewater discharge. I enclosed a copy of the data for review.

Incoming Water Usage	Wastewater Discharge	Evaporation Rate
2,991,691 gallons	2,709,070 gallons	9%

Based on this information, we like to request the La Crosse Utility Board consider issuing a credit for the past six months of sewer discharge billing utilizing the 9% evaporative loss factor deducted from our incoming water meter readings for this period of time.

We appreciate your careful consideration of this information. If you have any questions or require additional information, please don't hesitate to contact me at 608-781-2700.

Sincerely,  
  
Dan Beach  
Maintenance Manager