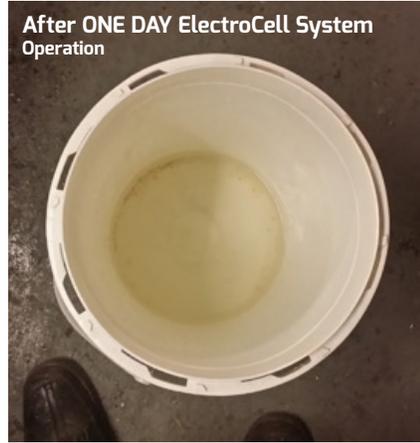
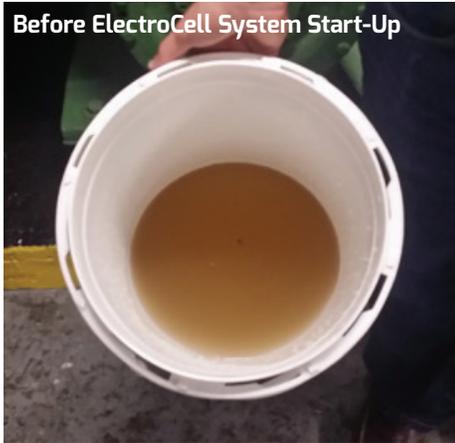


## Ritz Carlton Hotel, New Orleans, LA March 2016 Installation



### PARTICLE ANALYSIS REPORT

#### Ritz Carlton Hotel, New Orleans, LA

Source: CT Basin Water

**Test Method**  
Third party provider

Sample analyzed by electro-optical particle analyzer employing the light scattering principle of operation with filtered water and particle data corrected. Stirring was continuous.

#### BASELINE - Prior to ElectroCell Systems

##### PARTICLE COUNTS PER 100mL TEST PORTION

1 - 3 micron:	439,152
3 - 5 micron:	183,760
5 - 10 micron:	244,516
10 - 15 micron:	91,516
15 - 25 micron:	166,736
Over 25 micron:	<u>248,464</u>
<b>TOTAL/100mL:</b>	<b>1,374,144</b>

##### SOLIDS PER 100 LITERS OF SYSTEM VOLUME ( mm<sup>3</sup> )

1 - 5 micron:	15.27
5 - 10 micron:	103.19
Over 10 micron:	<u>167,803.26</u>
<b>TOTAL/100 Liters:</b>	<b>167,921.72 1,679 ppm</b>

#### AFTER 3 WEEKS with ElectroCell Systems

##### PARTICLE COUNTS PER 100mL TEST PORTION

1 - 3 micron:	74,342
3 - 5 micron:	15,232
5 - 10 micron:	8,505
10 - 15 micron:	1,326
15 - 25 micron:	1,526
Over 25 micron:	<u>773</u>
<b>TOTAL/100mL:</b>	<b>101,704</b>

##### SOLIDS PER 100 LITERS OF SYSTEM VOLUME ( mm<sup>3</sup> )

1 - 5 micron:	1.57
5 - 10 micron:	3.59
Over 10 micron:	<u>530.32</u>
<b>TOTAL/100 Liters:</b>	<b>535.48 5 ppm</b>

**99.702% Reduction in all Particles ppm**

- Reduce water use by an average of **20-30%**
- Reduce chiller energy use by **12-15%**
- Increase thermo transfer
- Enhance chemical effectiveness
- Save on repair and service and decrease maintenance

- Improve environmental impact
- Reduce suspended solids down to **1 micron** without media and manage total dissolved solids
- Decrease risk of bacteria, including **Legionella**
- Achieve ROI in as little as **2 years**