

NACWA

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# Wastewater From Alkaline Hydrolysis Processing of Human Remains

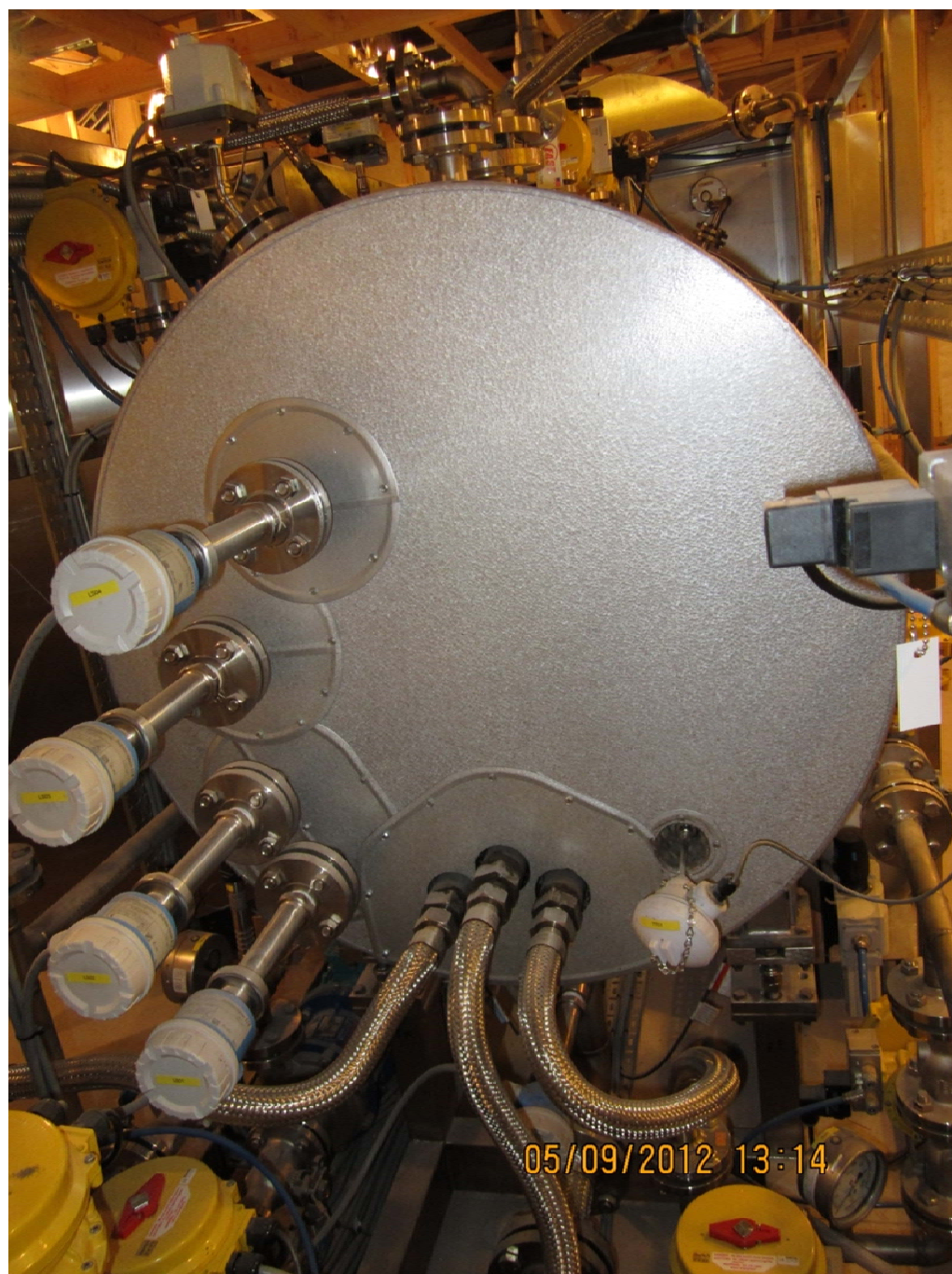
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# Wastewater Characteristics

pH (elevated due to use of potassium hydroxide, KOH)  
10 – 11 (acid added to keep pH below 11)

Total Suspended Solids  
1400 – 4100 mg/liter

Chemical Oxygen Demand  
12,000 – 40,000 mg/liter

Mercury (from dental amalgam fillings)  
< 0.3 – 2.4 µg/liter

Temperature (rinsewater cools concentrate to < 125° F)

Radioactive isotopes (from diagnostic or therapeutic uses/materials)

Volume 600 gallons per cycle

(Wastewater data & volume are for the mix of concentrate and rinsewater)