

# *Start-Up Service Company*

Thom DiGeronimo Prop.  
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## *Instrumentation, Controls & Chemical Feed Systems*

Town of Berthoud  
PO Box 1229  
Berthoud, CO 80513

December 17 2009

### *Certificate of Calibration*

Town of Berthoud Wastewater Facility @ Serenity Ridge

This is to certify that the equipment listed below was calibrated the Actual and Indicated Readings observed were within +/- 10 % .

Influent Flow System consisting of 1 each 60 Degree Large Trapezoidal Flume and an Isco 4210 Ultrasonic Level Probe / Recorder / Totalizer. Flow was stopped for a Zero Check and found to be within 0.001'. Several readings were taken and an average of readings was found to be within 5% of full scale, as was the recorder. Totalizer was found to be accurate to within 0.1 second.

Equipment used to do the systems checkout:

1. Manufacturer Flume Tables / ISCO Open Channel Flow Measurement.
2. Digital Stop Watch 0.00 Second Increments vs  
NIST-Boulder 303-499-7111.
3. Starrett CB36-4R 36" Machinist Rule - 1/64" Division as "Standard"
4. Stanley Tape measure.
5. Technical Specifications of fabrication & installation as well as the technical specifications of the Isco 4210 Indicator Recorder.



Calibrated by: Thom DiGeronimo, Certified Metrologist  
Calibration Date: December 17 2009

BerthoudSerenityCrt-09-01.doc