

# CLIENT MEETING MINUTES

## Topic: ME 476C Fourth Client Meeting

Date: Thursday, March 15, 2018

Time: 11:00 am – 11:30 am

Location: Engineering Building In Front of Dr. Ciocanel's Office

Minutes recorded by Michael Garelick

Meeting called by Cole Neilson

Attendees: All Group Members

Table 1. Record of meeting.

9:30 am to 9:40 am	<b>Explain what has been done for Client</b> <ul style="list-style-type: none"> <li>• Can only get Re range of <math>10^4</math> to <math>5 \cdot 10^5</math>.</li> <li>• Considered changing fluid type from water.</li> <li>• Considered heating the fluid.</li> <li>• Presented Analysis Memo so far.</li> </ul>	In Front of Dr. Ciocanel's Office
9:40 am to 9:50 am	<b>Client's Reaction to Calculations</b> <ul style="list-style-type: none"> <li>• Calculate with different pipe diameters and flow rates.</li> <li>• Do NOT change working fluid or heat it up.</li> <li>• Use PID control for pump.</li> <li>• Best pump would be non variable and change the flow rate analog.</li> <li>• Consider the tank capacity.</li> <li>• Tank specifications assigned to Cole.</li> <li>• Max flow rate 100 GPM, what diameter required?</li> </ul>	In Front of Dr. Ciocanel's Office
9:50 am to end	<b>Plan for Next Client Meeting</b> <ul style="list-style-type: none"> <li>• Next client meeting will take place on 3/29/18.</li> <li>• Client would like more numbers and progress.</li> </ul>	In Front of Dr. Ciocanel's Office

Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Analysis Memo: Michael's section, Pump research and analysis	Michael	3/16/18	
Analysis Memo: Mark's section, Data Acquisition and sensor analysis	Mark	3/16/18	

Analysis Memo: Cole's section, stress analysis at joints and pressure taps	Cole	3/16/18	
Analysis Memo: Keith's section, pipe flow analysis	Keith	3/16/18	

**Next formal meeting: 3/27/18, room 120, Engineering Building, at 9:35 am.**

**Next members responsible for agenda: Michael Garelick .**

**and meeting minutes: Michael Garelick .**