**The College of New Jersey**

**Civil Engineering Department**

**Thailand Water Supply System Senior Project**

Meeting 9: Minutes

Date: Wednesday, November 9, 2011, 10:00 AM

Attendance: Dr. Horst, Advisor

Ian Burton, Project Manager

Jayme Lynch

Amanda Feeley

Summary:

First, the grouped discussed the Progress Report Presentation and Dr. Horst observed that we needed to explain our theory a little better because we stated facts they may not have been understood by the audience.

Discussing the design, the concern was brought up that the flow data gathered in Thailand was higher than the previous day. It was a concern that the data would alter the design incorrectly. Dr. Horst stated that with even a lower flow than we observed, it is more than enough to meet our goal.

Jayme asked about her design of the Turbine and Pump. Dr. Horst gave her his estimate of the waterfall height, 30 feet. Also, he clarified that flow entering the turbine is not the flow of the stream. Instead she should use the orifice equation to determine the flow through the pipe that enters the turbine.

Amanda inquired about receive a village plan and we determined that we should email Dr. Schaffer to get a rough plan.

I will research tanks to meet their needs and try to satisfy their wants for next week and the group will start preparing the report to complete by the end of the month.