**Meeting Minutes 10/16/2018**

Dreighton-Head loss calculations and proper pump size fitting

Daniel-Heat loss calculation into ambient air (Convection,Advection)

Chris-Cost analysis for proposed systems and components

Joel-Budget/Economic analysis to determine which system will be paid off sooner

Jawaher-Component analysis (Flat Plate Collectors and Evacuated Tubes)

As a group we planned to assign each member their respective individual analyses. The group decided based on background which members were best suited to accomplish each analysis. The individual analyses will play a large role in completing this project.

As a group we assigned each member specific sections to present during our capstone class presentation. Jawaher was assigned presenting different hardware comparison to determine which device is best suited for our client needs. Dreighton was tasked with presenting the current state of the system also presenting how as a team we may go about repairing the system. Daniel’s responsibility is to talk about the different concept generation methods 2 and 3. Discuss how they can benefit our client and what their disadvantages are. Chris’s responsibility is to talk about our clients needs and engineering requirements. It is important to talk about this as it is the main criteria in which our proposed designs will be graded. Joel will discuss economics and display how each design will be paid off and in what time frame our client can expect profits.

As a team we will me again during class Tuesday 10/23 to give our 2nd presentation the class and our advisor Dr.Trevas