Week 19 Report

Group 1
Group Members: Julie Solomon, Kate Kimbell, Maggie Ruding
Client: Rex Clingan

Project Status:
This week the group continued building at Mr. Clingan’s lab space. We started be reorganizing our task list and timeline. We made a plan for tasks to complete each week leading up to the verification and validation report as well as major tasks that will be completed between the verification and validation report and the final presentation. The task for this week was to build the oil trap, sew a hemp bag filter, secure the tow in the bag, and start on the Arduino code which will control the valve system and temperature. The oil trap has been finalized except for a converter between the piping and a leur lock syringe which we plan on 3D printing. For now, we will still be able to test on the oil trap without the syringe connection.

Next Steps: The task for next week is to put together the rest of the component pieces which we have been working with independently and align them on the stand. In the coming weeks we will continue building in Mr. Clingan’s space because of access to resources.