**Engineering Design II   
Winter 2013  
Weekly Status Report**

**Account of work completed in previous week and the plan for following week.**

Name: Stark Pister  
  
Team: ACAMP

Date: 2/4/13

Week: 5

**All Tasks Complete**

Yes

X No

**Hours spent on project** **=** ~28

**High level, overview summary of progress during past week (very concise):**

This week I did quite a bit more research on TDS sensors and pump systems. I have been having trouble selecting a method for nutrient delivery. We did realize that the original dimensions we had spec-ed out were not feasible with the dimensions of a door. The raspberry pi now works and has internet. It does seem to need some cleaning as it is loaded with many unnecessary extras.

**Unfinished Tasks:**

* Discuss TDS sensors with Petersen
* No final decision on valves, considering individual pumps

**Completed Tasks:**

* Prepare pseudocode
* Research electronically controlled valves
* Selected Atlas scientific TDS sensor/ or build our own
* Dismissed drip feeders

**To-Do List:**

* Select and purchase pump(s)
* Discuss TDS with Petersen
* Begin TDS sensor design
* Sketch of final physical pump system with dimensions
* Contact Paul about SVN

**Problems holding up progress:**

* Superbowl