

EPA P3 Project Meeting
January 25, 2008

Team Members Present:

Travis Idol, Carol Ferguson, Loren Gautz, Kaori Caraway, Devin Takara

Weather Data

Weather data is being updated regularly via email from Dr. Idol. We need a student to extract summaries from the data suitable to inform the design of the constructed wetland. Dr. Idol will recruit a student to help with this effort.

Water Quantity and Quality Sampling

We need to create a new schedule for collecting and analyzing water samples from the storm drain. Below are the types of tests that can be run from various laboratories on campus.

Dr. Carl Evensen's lab: bacteria

Dr. PY Yang's lab (Josh: lab manager): chemical oxygen demand, total suspended solids, pH, nitrogen, phosphorus

Dr. Eric DeCarlo's lab: heavy metals

Students should work with their advisors to set up times to meet with the appropriate faculty or lab managers to get access and training, then create a schedule for sample collection, storage, and analysis.

Basin Map

Kaori, Devin, and Ed all have different maps of the drainage basin. They should work together to consolidate the maps and determine a final basin size and drainage rate.

Wetland Design

Ed and Devin have separate designs based on their final class papers. Dr. Idol will summarize their designs and place them on the web.

Plants

Dr. Idol will establish a schedule to meet regularly with Alyssa to create a short list of suitable plant species.

Expo

The P3 expo is in Washington, DC from April 20-22. See this website for details:

<http://www.scgcorp.com/p3/>

We will have an 8 x 8 foot area to work with, including an 8 x 2.5 foot table and a 4 x 8 foot poster board.

Next Meeting

We will next meet on February 8.