

Campus Land Use Committee

June 18, 2007

Attendees: Derek Lathrope, Robyn Herring, Rich Davis, Paul Smith, Kort Jungel and Terry Setter.

Recorder: Karina Anderson.

Weather Station/Smart Irrigation (Diana Speight and Marcie Hundis)

Smart irrigation and permanent weather station was proposed. Committee discussed the use of 61% more water to irrigate and irrigations and cost savings. Funding options included funding through Scientific Computing to fund most of the cost and possibly Facilities could offset the rest. Also, Clean Air Committee to possibly fund solar panels.

Items required for the installation of the weather station: 2 6-foot poles in a fenced area (possible art enclosure instead of fencing); solar panels for power (need to meet with clean air committee to possible fund power source); 10 square feet maybe 4x4 enclosure with gate; and area needs to be grass with soil.

The weather station information will be transferred through radio telemetry to the field house then to the transceiver. There is a possibility of the program interfacing with the sprinkler program. It was also indicated that there is a need for a more accurate way to monitor soil moisture (a soil monitor is not the most accurate way to measure soil moisture).

Maintenance Responsibilities would include that the CAL is responsible for any vandalism and maintenance to site. The site preference would be the tennis court. Weather data would be posted on current college website and can be viewed by the public.