

Meeting Minutes

December 5, 2000 meeting on the project titled, "On-line Sorting Technologies for CCA-Treated Wood"

Meeting Location: Sarasota Central County Solid Waste Disposal Complex, Nokomis, FL

Attendees:

Gary Bennett, Utilities Dept., Solid Waste Operations Division, Sarasota County, Sarasota, FL
Jim Gabbert, Meyer & Gabbert Excavating Contractors Recycling, Sarasota, FL
Naila Hosein, University of Miami, Coral Gables, FL
Jodi John, Sarasota County Resource Conservation, Sarasota, FL
Jenna Jambeck Carlson, University of Florida, Gainesville, FL
Jean Nutter, Sarasota County Resource Conservation, Sarasota, FL
Helena Solo-Gabriele, University of Miami, Coral Gables, FL
Timothy Townsend, University of Florida, Gainesville, FL

The meeting began at 3:30 pm and ended at 4:45 pm. The Meyer and Gabbert C&D facility was visited immediately after the meeting by the U.Miami and U.Florida groups.

1. Introduction

Helena Solo-Gabriele provided a general overview of the project including objectives and timeline.

Comments

- Gary Bennett mentioned that the December progress report was received. The County has not received the invoice.
- Jodi John mentioned that the progress report can be submitted to the Florida Department of Environmental Protection before the invoice.

2. Progress on the Following Tasks

Jenna Jambeck Carlsen described the design of the shelter, its proposed location, and provided a time line for the construction process. The permit was pulled for the shelter on December 1st, 2000. Anderson and Ellis was hired for project management. They will be responsible for purchasing the anchor bolts, subcontracting the concrete pour, and for coordinating the inspections. Claxton Electrical will complete the electric installation. The site grading and the concrete forms will be laid by Meyer and Gabbert. Helena Solo-Gabriele presented the conveyor design which will incorporate a stationary loading table, a 10 foot flat roller conveyor, a 10 foot flat belt conveyor, and a 26 foot incline conveyor at 20 degrees. One of the rollers in the roller conveyor will be removable to allow for the XRF detector to fit within 1 inch of the wood samples. The operating parameters of the XRF system as determined in prior laboratory experiments were briefly summarized. The status of the LIBS system was presented. Helena Solo-Gabriele mentioned that David Hahn was not able to attend due to his class schedule. She met with David Hahn the day before the meeting to get an update concerning the LIBS system. David Hahn has received the laser and the spectrometer. The laser and the spectrometer have been tested. The spectrometer has been interfaced with the computer data acquisition system. The next step is to synchronize the laser firing with the time that the spectrometer acquires data. Helena Solo-Gabriele mentioned that David Hahn plans to bring the laser/spectrometer unit to the next Sarasota Team Meeting for a demonstration and preliminary testing.

Comments

- Gary Bennett asked Jim Gabbert about when he would be able to dig the footers and lay the concrete forms. Jim Gabbert estimated that he would be able to complete this by the end of the next week.
- Jim Gabbert asked about the dimensions of the control room. Helena Solo-Gabriele mentioned that the reason it was 20 feet long was so it could be braced against the columns of the building. Jim Gabbert said that the control room would be free standing. Helena Solo-Gabriele agreed to redesign the control room with this in mind. Jodi John mentioned that there should be two doors in the control room to make it easier for people to walk through and for improved air circulation in case the air conditioner does not work. Jodi John volunteered to donate paneling for the control room.
- Jim Gabbert expressed a concern about insurance coverage for the students accessing the site. Helena Solo-Gabriele mentioned that an insurance clause was included in the main contract between the University of Miami and Sarasota County. She mentioned that she will follow-up at the University of Miami concerning a “hold harmless” clause for Meyer and Gabbert.
- Jodi John asked if a plastic liner could be placed on the XRF detector in order to protect it. Helena Solo-Gabriele responded by stating that laboratory tests have been conducted with a plastic liner and the instrument was capable of detecting the presence of CCA in wood samples.
- Jodi John asked about the plan for the experiments. Both Tim Townsend and Helena Solo-Gabriele discussed the types of experiments that will be conducted. Helena Solo-Gabriele mentioned that she will prepare a written plan.
- Jean Nutter asked about when the system will be operational. Helena Solo-Gabriele mentioned that the system will be fully operational by the end of the Spring or beginning of the Summer 2001.

3. Future Meetings

Helena Solo-Gabriele mentioned that the next Technical Advisory Group (TAG) meeting has been scheduled for Thursday, January 11, 2001 in Miami, Florida. A tentative meeting date for the next Sarasota Team Meeting was set for a Tuesday afternoon (3:30 to 5:00 pm) in February. This date will be confirmed through email.

Comments

- Gary Bennett asked about what would be presented at the next TAG meeting. Helena Solo-Gabriele responded by stating that the TAG meetings are meetings that are generally open to the public. In general they are attended by 50 to 60 people. The purpose of the TAG meetings is to present the progress of all of the CCA projects, including the Sarasota sorting project.

4. Future Work

Helena Solo-Gabriele mentioned that the research team is considering submitting a second Innovative Recycling Grant (IRG) application to the Florida Department of Environmental Protection. The focus of the second IRG, if submitted, will be on ultimate disposal of CCA-treated wood. The research team is currently considering specific tasks associated with pyrolysis processes and wood-cement composites.