

**Florida Department of Health
Onsite Nitrogen Reduction Strategies Study**

Contract CORCL

PNRS II Draft QAPP Recommendation for Process Forward Meeting

October 13, 2009

12:00 p.m.

Location at Orange County Convention Center

MINUTES

Attendees:	Damann Anderson	Hazen and Sawyer
	Josefin Edeback	Hazen and Sawyer
	Dr. Daniel Smith	AET
	Dr. Eberhard Roeder	FDOH
	Paul Booher	FDOH

I. Draft QAPP PNRS II

- Sampling specified within QAPP is dependent on funding. There is flexibility in the number of sampling events.

II. Design Drawings

- Task C and PNRS II in-situ mini-mounds will run at the same time. Current design is 2' spacing between emitters = 4 SF per emitter. Eb stated that the drip systems need to be code compliant. If 3' wide with 2 lines this makes it a bed which means different loading rates. The issue is then whether loading rate is 0.8 or 0.65 gal/SF-day. Eb suggested that we start at 0.65 and head to 0.8 loading rate.
- Everyone was in agreement to mow the grass as short as possible before constructing mini-mounds.
- Eb suggested that at least 2 locations of sampling lysimeters be located for each mound system. Currently 1 location per mound is shown.

III. Additives Issues

- FDOH feels that LC50 testing should be performed for sulfate/sulfur toxicity.
- Discussion regarding whether for research purposes this should be required ensued. Paul will look more into issue.

IV. Contract Amendment & Timeline

- An updated timeline (next page) was provided and discussed. The timeline suggests that construction at GCREC facility start in January and continue through February 2010.

V. Revising PAC Meeting to RRAC Meeting

- Another contract amendment discussed is to revise the PAC meeting to RRAC meetings. This would create two line items, one for meeting attendance where a presentation is developed and presented at the meeting and another line item for meetings where attendance is requested. FDOH is agreeable to this approach.

VI. Construction Issues

- It was presented that Hazen and Sawyer would like to work with a single contractor (more like a design-build) rather than bid the construction work. FDOH is agreeable to this approach. Therefore, a contract amendment revising some of the Task C construction deliverables will be required.