

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A	Page 1 of 4
		Meeting Date: <u>5/4/06</u>	
		Report No: <u>59</u>	Report Date: <u>5/10/06</u>
Project Name:	CLOSURE CONSTRUCTION - OGS SLOPES, TOP CAPS & RELIEF DITCH, SCP-S AND PHASE II - NGS SLOPES		Project Address: 13300 U.S. Highway 41 North Palmetto, Florida 34221 Manatee County
ATTENDEES: Ardaman: Nadim Fuleihan, Rob Werner, Tom Leto, John Cameron, Tony Deatherage Receiver: Louis Timchak FDEP: Phil Coram, John Coates, Sam Zamani CDM: Dean Carter, Mike Cruz, Steve Solters, George Curry, Jean Wilson Moretrench: Mike Panny, Paul Davis, Ralph Remmert Comanco: Tom Topp, Paul Moore Compass: Tom McSweeney, Tim Morrow, Jeremy Giles			

COPY TO: Louis J. Timchak - Receiver
 FDEP: Phil Coram, Sam Zamani, John Coates
 Ardaman: Nadim Fuleihan, Rob Werner, Tom Leto, John Cameron, Tony Deatherage
 CDM: Steve Solters, Dean Carter, Michael Edgar, Michael Cruz, Dick Slovarp
 Moretrench: Al Schuman, Steve Voytko, Mike Panny, Nick Haddon, Ralph Remmert
 Comanco: Tom Topp, Paul Moore
 Compass: Tim Morrow, Vernon Giles, Tom McSweeney

Next Meeting is Scheduled for Thursday, May 11, 2006
Construction/Engineering Meeting at 9:00 am

1.0 REVIEW MINUTES OF PREVIOUS MEETING

No corrections were noted.

2.0 SAFETY

A Moretrench equipment operator stumbled and injured his wrist when dismounting a dozer on 5/3/06. He returned to work on 5/4/06; an accident report was copied to FDEP at the meeting.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued work on Phase I OGS slopes - installed 500' of seepage collection drain in OGS south ditch (2,340' to date).
- Continued work on Phase II NGS slopes - grading and compacting south and east slopes.
- Well Water usage this report - 65,000 gallons.
- Equipment: 5 D-6 dozers, 1 D-8 dozer, 2 compactors, 2 excavators, 2 water wagons, 2 loaders, 3 dump trucks, 1 motor grader, 1 6-inch hydraulic pump - 15 personnel.

Comanco: No work was done since last report.

Compass:

- Continued irrigation on the OGS-S slopes.
- Continued watering for dust control.
- Continued base preparation and construction of the SCP-S partition dike (west dike of the Process Water Sump); 12,298 cy (estimated by truck load count) was hauled from stockpile and placed since last report, 15,290 cy total as of 5/3/06; also continued relocating sediment/sludge from cut areas on the east side of the Process Water Sump.
- Well Water usage this report - approximately 270,000 gallons.
- Equipment: 2 dump trucks, 1 water wagon, 2 dozers, 1 excavator, 1 compactor - 7 operators.

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4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue work on the OGS south ditch seepage collection drain - connect to the existing 12-inch drain at the east end, backfill the temporary dewatering ditch, and install clean-outs.
- Continue work on the Phase II NGS slopes - south and east slopes and ditches.

Comanco:

- Monitor seepage collection drain installation for resumption of liner work in the Phase I storm water ditches.

Compass:

- Continue irrigating OGS grassed slopes.
- Continue watering for dust control.
- Continue construction of the SCP-S partition dike and relocation of sediment/sludge from the east side of the Process Water Sump.

5.0 SURVEY NOTES

- CDM/Pickett provided a hard copy of survey data for the ditch, water elevation and perimeter road profiles along the toe of the NGS-S south slope, at the 4/13/06 construction meeting; CDM emailed a pdf version to Ardaman on 4/20/06; Ardaman requested x,y,z file for the data points.
- Picket as-built surveyed (for Moretrench on 4/24/06) the NGS-S slope above the 1:1 cut, and approximately 1,000' of seepage collection drain installed in the OGS-S south ditch; CDM/Moretrench are awaiting survey results.

6.0 PROJECT SCHEDULE

- No workdays were lost to weather this reporting period.
- CDM updated the project schedule through work completed on 5/3/06. The updated schedule was distributed and reviewed at the meeting - CDM noted several corrections to Resource Names. CDM also noted that OGS Channel Liner (ID 211/1860) will probably resume about 5/15/06, instead of 5/9/06 as indicated. *[The updated schedule was pre-distributed by email on 5/3/06, but was not received by all parties due to apparent CDM computer problems at Piney Point. FDEP requested that future schedule updates be pre-distributed by email no later than Tuesday prior to Program Manager's meetings.]*
- Weekend work schedule: Moretrench and Compass will work on Saturday.

7.0 SHOP DRAWINGS and SUBMITTALS

All shop drawings and submittals should be submitted to Rob Werner (Ardaman) for approval, with transmittals only copied to John Cameron (Ardaman) and Steve Solters (CDM).

- CDM/Compass were requested to submit the concrete mix design for the OGS-S inlet structure modification.
- CDM submitted shop drawings for 2 SCP south compartment HDPE manholes by email to Ardaman on 4/26/06; shop drawings for additional manholes are in progress.
- CDM submitted shop drawings for structure grates (SCP-S and Phase II slope closure) by email to Ardaman on 4/28/06.

8.0 TECHNICAL ITEMS/CLARIFICATIONS AND QUALITY ASSURANCE

Updated drawing sets, dated 9/28/05, were distributed at the 9/29/05 meeting for the NGS-S Cap and NGS-N Relief Ditch and the Phase I Slope Closure. Revised Phase I Slope Closure drawing Nos. C-2, C-5, C-6, D-6, D-9, D-10, D-11), dated 2/15/06 (various revision nos.) were distributed at the 2/16/06 construction meeting to reflect changes related to lowering the OGS

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south stormwater ditch seepage collection drain. Electronic (ACAD) are available for download from Ardaman's ftp web site. Current drawings, dated 12/16/05, were distributed at the 12/16/05 meeting for Slope Cover Construction - OGS Ponds. Current drawings (including all detail drawings for structures, drains, etc.), dated 12/22/05 (various revision nos.), for the Phase II Slope Closure were delivered to CDM at the site on 12/23/05. Current drawings (including all detail drawings for structures, drains, etc.), dated 1/11/06 (various revision nos.), for the SCP-South Compartment Closure were distributed on 1/12/06, along with CD's containing ACAD files for all current for the SCP-South and Phase II slope Closure drawings. Revised SCP-South Compartment Closure Drawing No. D-6, dated 2/15/06 (Rev. 1), was distributed at the 2/16/06 construction meeting to reflect changes related to the lowered the OGS south seepage collection drain - an electronic version (ACAD) was emailed to CDM and Moretrench on 2/28/06.

Regarding specifications for the OGS Slopes, Top Cap Areas and NGS-N Relief Ditch, pertinent NGS-S Reservoir, Phase II OGS Compartment Closure and ITN specification documents shall be used. Pertinent specification sections from the Phase II and ITN sources, along with specifications for HDPE panel drains and concrete erosion control mats, were issued in a preliminary specification document (Sections 24, 25, 26, 27, 28, 29 and 30, all revision 0, dated 7/6/05) on 7/7/05. Additional supplemental specifications for "Woven Geotextile" and "General Earthwork Using Soil" (Sections 31 and 32, both revision 1, dated 1/4/06) were distributed at the meeting on 1/5/06.

- Preliminary drawings and CD's were distributed at the 9/15/05 meeting for the NGS-S Soil Slope Cover Construction, C-1 through C-5 for Contractor's use in estimating take-off quantities.

Quality Control Activities

- Ardaman had 3 technicians on site this reporting period.
- Phase 1 slope closure in-place gypsum/soil density tests - no change - 857 tests passing, 3 failing (OGS south ditch north slope), none pending.
- Phase 2 slope closure in-place gypsum/soil density tests - 26 tests passing, none failing, none pending.
- SCP south compartment in-place gypsum/soil density tests - 20 tests passing, none failing, none pending.
- OGS-S slope cover in-place soil fill density tests - no change - 59 passing, none failing, none pending.
- Phase I stormwater ditch liner seam destructive testing (DT's) - no change - 19 marked, 19 passing, none failing, none pending. A summary of DT testing (revision 3, dated 3/29/06) was distributed on 3/30/06.
- Phase I stormwater ditch liner anchor trench density tests - no change - 24 tests passing, none failing, none pending.

Miscellaneous

- Rainfall: CDM reported 0.00 inches from 4/24/06 through 5/2/06.
- Separate meetings will be held following the construction meeting to discuss the NGS-N spray evaporation system, and the Gulfstream II and Port Manatee dredge disposal soil fill borrow areas.
- The existing OGS south seepage collection ditch continues to hold standing water that was recently pumped into the ditch by Moretrench in conjunction with the upstream drain system tie-in. It was previously agreed that backfilling of this ditch west of the projected centerline of Bud Rhoden Road (i.e., west of about Sta. 112+00) would not proceed until it can be observed that the ditch drains via seepage into the adjacent OGS south seepage collection drain. If standing water in the ditch persists along isolated sections that may have invert elevations lower than the drain invert elevation, CDM/Moretrench will be allowed to proceed with backfilling upon demonstrating via survey data that the standing water surface elevation is below the invert elevation of the adjacent seepage collection drain invert elevation.

Acceptances

- An updated punch list dated 3/31/06 was provided by Ardaman to CDM at the meeting, for items still to be repaired in the Phase I stormwater ditch lined to date (from station 163+30 to 128+80).

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9.0 COMMENTS by PROGRAM MANAGER

- Status regarding Phase II Slope Closure is as follows: Comanco agreed to Ardaman's quantities per 1/24/06 email; Moretrench agreed to Ardaman's quantities per 3/2/06 email; CDM received Compass' input for soil cover and grassing quantities, and will forward to FDEP and Ardaman for review.
- Status regarding SCP-S Compartment closure is as follows: no change - Comanco liner quantity estimates are essentially in agreement with the quantities provided by Ardaman via email on 2/6/06; a lump sum cost estimate by CDM is in process for the scope of work associated with construction of the Process Water Sump.

10.0 COMMENTS by FDEP

- It was noted that some sod areas were not responding to irrigation efforts by Compass. Compass indicated that the sod supplier would be visiting the site to assess the condition of the sod - CDM/Compass were requested to provide a report summarizing the supplier's assessment and recommendations.
- See 6.0 Project Schedule for schedule distribution comments..

11.0 COMMENTS by the RECEIVER

- Index of final as-built drawings by Ardaman - no change - a draft index was provided to the Receiver at the 4/20/06 construction meeting for as-built drawings through 2004.