

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A	Page 1 of 4
		Meeting Date: <u>4/27/06</u>	
		Report No: <u>58</u>	Report Date: <u>5/4/06</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: Rob Werner (telecom), John Cameron, Tony Deatherage Receiver: _____ FDEP: _____ CDM: Dean Carter, Mike Cruz, George Curry, Jean Wilson Moretrench: Steve Voytko, Mike Panny, Paul Davis Comanco: Paul Moore Compass: Tim Morrow, Vernon Giles, 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 McSweeny

Next Meeting is Scheduled for Thursday, May 4, 2006
Site Tour at 8:00 am followed by
Construction/Engineering & CDM Operations Meetings

1.0 REVIEW MINUTES OF PREVIOUS MEETING

No corrections were noted.

2.0 SAFETY

No safety incidents were reported.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued work on Phase I slope closure - installed 1,000' of seepage collection drain in OGS south ditch (1,840' to date); continued excavation of south ditch for drain installation; imported sand for use as drain cover material.
- Continued work on Phase II slope closure - grading and compacting east slope.
- Well Water usage this report - none
- Equipment: 5 D-6 dozers, 1 D-8 dozer, 2 compactors, 2 excavators, 3 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.
- Completed installation of temporary cofferdams in the return ditch adjacent to the SCP-S Process Water Sump.

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- Started base preparation and construction of the SCP-S partition dike (west dike of the Process Water Sump); 2,992 cy (estimated by truck load count) was hauled from stockpile and placed since last report; also started relocating sludge/sediment from cut areas on the east side to the west side of the Process Water Sump .
- Well Water usage this report - approximately 200,000 gallons.
- Equipment: 2 dump trucks, 1 water wagon, 1 loader, 2 dozers, 1 excavator, 1 compactor - 7 operators.

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue work on the OGS south ditch seepage collection drain.
- Continue work on the Phase II slope closure - south and east slopes.

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 partition dike.
- Continue sludge/sediment handling/relocation and start excavating dewatering ditches in 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 will update the project schedule prior to the next Program Manager's meeting.
- 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.

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 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.

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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 4 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 - 19 tests passing, none failing, 1 pending.
- SCP south compartment in-place gypsum/soil density tests - 8 tests passing, none failing, 2 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 4/18/06 through 4/23/06.
- CDM/Moretrench and Ardaman agreed at the 4/13/06 construction meeting that excess gypsum stockpile #10 contained approximately 2,000 cy. Ardaman provided a summary of gypsum fill quantities, where measurement for payment is applicable, by email to FDEP on 4/24/06; the summary was forwarded by FDEP to CDM.

Acceptances

- An updated punch list will be provided by Ardaman to CDM for items still to be repaired in the Phase I stormwater ditch lined to date.

9.0 COMMENTS by PROGRAM MANAGER

- Status regarding Phase II Slope Closure is as follows: no change - Comanco agreed at the 2/2/06 construction meeting to Ardaman's quantities per 1/24/06 email; Moretrench agreed at the meeting to accept Ardaman's quantities per 3/2/06 email; CDM received Compass' input for soil cover; still waiting on grassing quantities.
- Status regarding SCP-S Compartment closure is as follows: Comanco liner quantity estimates are essentially in agreement with the quantities provided by Ardaman via email on 2/6/06; a break-out of proposed pay quantities for other work in the Process Water Sump is in progress by CDM.
- A change order has been executed between CDM and Compass for the SCP-S Process Water Sump.

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10.0 COMMENTS by FDEP

FDEP was not represented at the meeting.

11.0 COMMENTS by the RECEIVER

The Receiver was not represented at the meeting.

- Ardaman is continuing work on an index of final as-built drawings - a draft index was provided to the Receiver at the 4/20/06 construction meeting for as-built drawings through 2004.