

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A	Page 1 of 4
		Meeting Date: <u>2/16/06</u>	
		Report No: <u>48</u>	Report Date: <u>2/23/06</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: John Coates, Sam Zamani CDM: Dean Carter, Mike Cruz, Steve Solters, Michael Edgar Moretrench: Ralph Remmert, Mike Panny Comanco: Tom Topp, Rishi Vasudeva Compass: Dan Felton, Vernon Giles, Tom McSweeny			

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 Ardaman: Nadim Fuleihan, Rob Werner, Tom Leto, John Cameron, Tony Deatherage
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***Next Meeting is Scheduled for Thursday, February 23, 2006
 Construction/Engineering Meeting at 9:00 am***

1.0 REVIEW MINUTES OF PREVIOUS MEETING

No corrections were noted.

2.0 SAFETY

As a follow-up to the "gator" vehicle accident reported on 2/7/06, Comanco indicated that the second employee had a fractured heel - he has returned to work on light duty. The primary cause of the accident was attributed to vehicle overloading by about 200 lbs. Comanco will replace "gator" vehicles with 6-wheel no-passenger Polaris vehicles- a written report will be submitted to CDM. See 10.0 Comments by FDEP for more.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued compacting and finish grading the OGS west stormwater ditch.
- Resumed work on the OGS south stormwater ditch; stockpiled 3,588 cy (loose) of soil; no gypsum was hauled since last report; installed one 6-inch and one 4-inch hydraulic pumps in the south ditch.
- Continued excavating dewatering ditches in the SCP-S Compartment; installed one 4-inch pump on the north side.
- Process Water usage this report - none. Well Water usage this report - approximately 175,000 gallons.
- Equipment: 3 D-6 dozers, 1 D-8 dozer w/ripper, 2 compactors, 3 backhoes, 1 water wagon, 2 dump trucks - 9 personnel.

Comanco:

- Continued geocomposite installation in the OGS-S Reservoir.
- Continued moving concrete bags off the OGS-S slope, as necessary for soil cover work to proceed.
- Continued 80-mil liner installation at the NGS-N west and OGS north stormwater ditch; 54,362 (1.2 acres) was installed as of 2/15/06. Also started detail work and compacting anchor trenches.
- Received 65 rolls of 80-mil textured liner for Phase I and II slope closure stormwater ditches.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 2 extruders, 2 jumping jack compactors, 2 sewing machines, 1 backhoe, 1 loader - 22 personnel. Equipment demobilized since last report: 1 "gator" vehicle.

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Compass:

- Continued excavating and screening soil from Marsh No. 7.
- Continued hauling soil fill from Gulfstream I borrow area for cover on the OGS-S Reservoir slopes; 4,532 cy was hauled (estimated by truck load count) since last report; 56,100 cy total as of 2/13/06.
- Hauled and compacted soil fill atop the liner in the NGS-N west ditch and installed a 16" HDPE culvert pipe to provide a temporary crossing for the 24-inch NGS-N spray field supply pipeline.
- Completed gypsum amendment, grassing and mulching the NGS-N west slope, and started the OGS west slope from station 117+00 to 134+30.
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- Equipment: 8 dump trucks, 2 water wagons, 1 loader, 2 backhoes, 3 dozers, 1 power screens, 2 compactors, 2 motor graders - 23 operators. Equipment demobilized since last report: 1 backhoe, 1 loader, 1 power screen.

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue excavation of dewatering ditches in the SCP-S Compartment.
- Continue compacting and finish grading the OGS west stormwater ditch.
- Continue stockpiling excess soil and gypsum from the OGS south stormwater ditch.

Comanco:

- Continue geocomposite installation in the OGS-S Reservoir, and relocation of concrete bags.
- Continue liner installation and detail work at the NGS-N west and OGS-north stormwater ditch.
- Receive and unload additional 80-mil textured liner scheduled for delivery next week.

Compass:

- Continue excavating and screening soil at Gulfstream I borrow area Marsh No. 7 - it is anticipated that this borrow area will be depleted by the weekend - See 8.0 Technical Items - Miscellaneous for more.
- Continue placement of soil slope cover on the OGS-S Reservoir slopes.
- Continue seeding and mulching the OGS west slope from station 117+00 to 134+30.
- Start work on the OGS-S filtration drain and inlet structure modification.

5.0 SURVEY NOTES

- Pickett performed an as-built survey for Compass on 2/6/06 of soil cover on the OGS-S east slope. The survey was reviewed by Ardaman on 2/10/06 - more work is required on the crest berm, which is under-built and/pr mis-aligned in several locations.
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- Regarding placement of excess gypsum encountered along the south side of the OGS south stormwater ditch, a survey of pre-placement grades on the NGS-S south slope is needed if the materials are to be placed to "fatten" that slope per the typical section distributed at the meeting - See 8.0 Technical Items - Miscellaneous for more.

6.0 PROJECT SCHEDULE

- No workdays were lost to weather this reporting period.

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- Weekend work schedule: Compass possibly on Saturday - will advise.

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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).

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- Ardaman requested certifications for the 27 rolls of geocomposite previously delivered to the site.

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 meeting to reflect changes related to lowering the OGS south stormwater ditch seepage collection drain. Electronic (ACAD) versions 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, dated 12/22/05 (various revision nos.), for the Phase II Slope Closure were delivered to CDM at the site on 12/23/05. Except as noted below, current drawings, 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 meeting to reflect changes related to the lowered OGS south seepage collection drain.***

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.

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Miscellaneous

- Rainfall: CDM reported 0.16 inches from 2/8/06 through 2/14/06.
- Regarding disposition of gypsum materials encountered along the south side of the OGS south stormwater ditch, Ardaman provided modified cross-sections at the meeting for the NGS-S south slope (Phase II Slope Closure, drawing C-5), which could accommodate up to 4,000 cy of excess gypsum - Ardaman requested that the slope be surveyed prior to placement of any excess gypsum.
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Acceptances

- NGS-N Relief Ditch liner - a final liner inspection was conducted on 2/9/06; anchor trench compaction and testing was completed on 2/10/06.
- OGS north stormwater ditch subgrade for liner installation - on 2/10/06, from station 155+00 to 144+00, subject to correction of exceptions as noted.

9.0 COMMENTS by PROGRAM MANAGER

- A partial summary of pay quantities were previously sent for review to Ardaman and FDEP. CDM/Compass will forward a completed summary, including the outstanding quantity for the NGS-N Relief Ditch and a revised/corrected quantity for the OGS Slope Pond, as soon as possible, for FDEP/Ardaman review.
- Status regarding Phase II Slope Closure is as follows: Comanco agreed at the 2/2/06 construction meeting to Ardaman's quantities per 1/24/06 email; Ardaman and Moretrench exchanged electronic grading plan models in an effort to reconcile gypsum fill quantities; CDM is awaiting input from Compass for soil cover and grassing quantities.
- Status regarding SCP-S Compartment closure is as follows: Ardaman indicated by email on 2/6/06 essential agreement with Comanco liner quantities; CDM has received proposed pay quantities from Moretrench and will forward to Ardaman and FDEP for review; CDM is awaiting input from Compass.
- A change order is in progress for the filtration drain associated with the planned OGS-N Reservoir soil cover construction, and for the OGS-S inlet structure modification.
- A draft change order was submitted on 2/3/06 to FDEP and Ardaman for an adjustment in liner quantity and resin cost.

10.0 COMMENTS by FDEP

- FDEP noted that accidents should be reported immediately on the day of occurrence, with a follow-up written report as soon as possible.
- FDEP noted that anticipated completion this week of Phase I Slope Closure amended gypsum and grassing represents a significant scheduling milestone, and acknowledged everyone's efforts in achieving this.
- FDEP expressed concern that no advance notice was provided regarding the imminent depletion of available soil cover borrow materials, and may assist CDM/Compass in expediting permitting of the Gulfstream II source.

11.0 COMMENTS by the RECEIVER

- Ardaman was requested to forward a listing of as-built survey drawings to date.

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9.0 COMMENTS by PROGRAM MANAGER

- A partial summary of pay quantities were previously sent for review to Ardaman and FDEP. CDM/Compass will forward a completed summary, including the outstanding quantity for the NGS-N Relief Ditch and a revised/corrected quantity for the OGS Slope Pond, as soon as possible, for FDEP/Ardaman review.
- Status regarding Phase II Slope Closure is as follows: Comanco agreed at the 2/2/06 construction meeting to Ardaman's quantities per 1/24/06 email; Ardaman and Moretrench exchanged electronic grading plan models in an effort to reconcile gypsum fill quantities; CDM is awaiting input from Compass for soil cover and grassing quantities.
- Status regarding SCP-S Compartment closure is as follows: Ardaman indicated by email on 2/6/06 essential agreement with Comanco liner quantities; CDM has received proposed pay quantities from Moretrench and will forward to Ardaman and FDEP for review; CDM is awaiting input from Compass.
- A change order is in progress for the filtration drain associated with the planned OGS-N Reservoir soil cover construction, and for the OGS-S inlet structure modification.
- A draft change order was submitted on 2/3/06 to FDEP and Ardaman for an adjustment in liner quantity and resin cost.

10.0 COMMENTS by FDEP

- FDEP noted that accidents should be reported immediately on the day of occurrence, with a follow-up written report as soon as possible.
- FDEP noted that anticipated completion this week of Phase I Slope Closure amended gypsum and grassing represents a significant scheduling milestone, and acknowledged everyone's efforts in achieving this.
- FDEP expressed concern that no advance notice was provided regarding the imminent depletion of available soil cover borrow materials, and may assist CDM/Compass in expediting permitting of the Gulfstream II source.

11.0 COMMENTS by the RECEIVER

- Ardaman was requested to forward a listing of as-built survey drawings to date.