

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A	Page 1 of 4
		Meeting Date: <u>9/29/05</u>	
		Report No: <u>30</u>	Report Date: <u>10/6/05</u>
Project Name:	CLOSURE CONSTRUCTION - NGS-S RESERVOIR, OGS SLOPES, TOP CAPS AND NGS-N RELIEF DITCH		Project Address: 13300 U.S. Highway 41 North Palmetto, Florida 34221 Manatee County
<u>ATTENDEES:</u> Ardaman: John Cameron, Tony Deatherage, Rob Werner, Nadim Fuleihan Receiver: Louis Timchak FDEP: John Coates, Sam Zamani CDM: Dean Carter, Steve Solters Moretrench: Mike Panny, Harley Frady, Steve Voytko Comanco: Brad DeNeve Compass: Chuck Icenogle, Vernon Giles, Tom McSweeney			

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
Moretrench: Al Shuman, Steve Voytko, Mike Panny
Comanco: Tom Topp, Dragan Milosavljevic, Brad DeNeve
Compass: Chuck Icenogle, Vernon Giles, Tom McSweeney

***Next Meeting is Scheduled for Thursday, October 6, 2005
Construction/Engineering Meeting at 9:00 am***

1.0 REVIEW MINUTES OF PREVIOUS MEETING

It was noted that the NGS-S Cap and NGS-N Relief Ditch drawing revisions distributed by Ardaman at the last meeting involve an increase in the design gypsum fill quantity in the range of 10,000 to 15,000 cy (to be confirmed and reconciled).

2.0 SAFETY

- ! A leaking tank of sodium thiosulfate (a mild reductant, 10% solution?) has been roped off and bermed by CDM. Construction traffic should exercise caution in this area.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- ! Hauled fill from the OGS north toe ditch to the NGS-N Relief Ditch; 13,491 cy was hauled this report, 408,644 cy total as of 9/28/05 (compacted-in-place based on truck load count estimate).
- ! Continued finish grading and compacting the OGS Slope Pond.
- ! Continued rough grading the NGS-N Relief Ditch.
- ! Started work on the ramp at the north end of the NGS-N Relief Ditch.
- ! Process water usage this report - approximately 668,000 gallons.
- ! Equipment: 4 D-8 dozers, 4 D-6 dozers, 6 compactors, 4 backhoes, 2 water wagons, 5 dump trucks, 1 motor grader - 28 personnel.

Comanco:

- ! Completed detail work at the OGS-N Cap, and completed anchor trench compaction.
- ! Continued liner deployment at the OGS-S Cap; 346,945 sf (7.96 acres) was installed at the OGS Caps as of 9/27/05.
- ! Equipment: 1 QC trailer, 6 generators, 3 wedges, 3 extruders, 1 backhoe, 1 loader, 1 gator - 19 personnel.

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Compass:

- ! Continued haul road improvements and dust control.
- ! Continued segregating and screening soil stockpiles.
- ! Equipment: 5 dump trucks, 1 water wagon, 1 loader, 2 backhoes, 3 dozers, and 2 power screens, 2 compactors, 2 motor graders - 8 operators. Mobilized 1 additional dozer and 1 additional dump truck since last report.

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- ! Continue work on the OGS west slope and ditch.
- ! Continue finish grading the OGS Slope Pond.
- ! Continue work on the NGS-N Relief Ditch.

Comanco:

- ! Continue liner deployment and start detail work at the OGS-S Cap.

Compass:

- ! Continue haul road improvements and dust control.
- ! Continue segregating and screening soil stockpiles.
- ! Install pipe at ditch crossing on Piney Point side.

5.0 SURVEY NOTES

- ! A take-up survey was performed by Pickett for Moretrench on 9/20-21/05 - results are not yet available. Ardaman requested take-up survey points (either a drawing or x,y,z coordinates) along the top of the exposed soil starter dike and along the current invert of the partially excavated seepage ditch for use in estimating the remaining volume of soil materials to be excavated for construction of the OGS south stormwater ditch.
- ! An as-built survey of the OGS Slope Pond is scheduled for next week.

6.0 PROJECT SCHEDULE

- ! 1 workday was lost by Comanco this reporting period to weather (rain), none by Compass or Moretrench.
- ! The project schedule (full version) was updated by CDM on 9/29/05 and was distributed at the meeting. The schedule was updated to reflect construction progress to date. It was requested that the legend date reflect the date of schedule update, rather than print date.
- ! FDEP requested consideration by CDM and Compass to start soil cover at the slopes of the lined OGS compartments before the NGS-S reservoir as presently scheduled - preferably starting with the OGS-S compartment. CDM and Compass will advise next meeting.
- ! Short-term, it was anticipated that Comanco will complete liner deployment at the OGS Cap south pond on 9/30/05, and complete detail work on 10/5/05. Compass elected to delay soil cover placement in the OGS Cap ponds until 10/10/05, due to traffic issues.
- ! Weekend work schedule: Compass possibly on Saturday (screening only).

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).

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- ! Moretrench's submittal of product data sheets for AdvanEDGE panel drains and geotextile for use in the soil cover atop the OGS Cap ponds and slope pond, and the NGS cap pond, was previously approved, subject to corrected certifications for the Typar 3401 geotextile wrap. Additional information was submitted by Moretrench for Typar 3401H on 9/26/05, which was approved by Ardaman via email on 9/27/05.

8.0 TECHNICAL ITEMS/CLARIFICATIONS AND QUALITY ASSURANCE

New drawing sets, dated 9/28/05, were distributed at the meeting for the NGS-S Cap and NGS-N Relief Ditch. These drawings reflect all changes to date. Earlier drawings should be discarded.

New drawing sets, dated 9/28/05, were also distributed at the meeting for the Phase I Slope Closure. These drawings reflect all changes to date. Earlier drawings should be discarded. As previously noted, there is a minor dimensional change on drawing D10 - change 2'-9" to 3'-2" in detail 40.

CD's for the new drawings were also distributed at the meeting.

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.

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

Quality Control Activities

- ! Ardaman has 5 technicians on site.
- ! In-place gypsum density tests: 573 tests passing, none failing, 4 pending.
- ! OGS Cap liner seam destructive testing (DT's): 40 marked, 24 passing, none failing, none pending. A summary of testing status report dated 9/29/05 (revision 3) was distributed at the meeting.
- ! Liner anchor trench density tests: 4 passed, none failing, none pending - it was noted that the OGS Cap north pond anchor trench density testing is complete.
- ! Soil cover screened stockpile samples: 27 passing, none failing, 3 pending. A tabulated summary of testing results was updated on 9/23/05 (Revision 3), and was distributed at the meeting.

Miscellaneous

- ! Rainfall: CDM reported 1.69 inches from 9/20/05 through 9/27/05.
- ! Reconciliation of Compass pay quantities for soil fill and grassing is in progress.
- ! Regarding construction of temporary access ramp road up the east slope of the NGS-S, Compass submitted a proposed temporary grading plan at the meeting for review and approval.
- ! Compass expressed concerns regarding recent trends in fuel availability and cost. The concern was acknowledged, but it was also noted that the contract does not include provisions for a fuel price escalation.

Acceptances

- ! Final inspection of the OGS-N Cap liner installation was re-scheduled to 10/6/05.

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9.0 COMMENTS by PROGRAM MANAGER

- ! A change order is in progress for changes in gypsum cut/fill quantities.
- ! CDM will re-submit 'Compass' Soil Sampling Plan for Gulfstream II Property Borrow Pits, per comments at the meeting, for review by Ardaman. Additionally, FDEP requested submittal of applicable permits and permit conditions, for review by FDEP.

10.0 COMMENTS by FDEP

- ! Change order SP644-006 was issued via email on 9/28/05, for changes in liner quantities and liner resin costs.
- ! See 6.0 Project Schedule for comments regarding sequencing of soil cover in the NGS-S and OGS ponds.
- ! See 9.0 Comments by Program Manager for comments re Gulfstream II Property Borrow Pits.

11.0 COMMENTS by RECEIVER

No comments.