

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A Meeting Date: <u>2/9/06</u> Report No: <u>47</u>	Page 1 of 4 Report Date: <u>2/15/06</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, Jean Wilson Moretrench: Steve Voytko, Ralph Remmert, Harley Frady, Mike Panny Comanco: Tom Topp Compass: Dan Felton, 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, Dick Slovarp
 Moretrench: Al Shuman, Steve Voytko, Mike Panny, Nick Haddon
 Comanco: Tom Topp, Rishi Vasudeva
 Compass: Dan Felton, Vernon Giles, Tom McSweeney

Next Meeting is Scheduled for Thursday, February 16, 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

Two Comanco employees were ejected from a "gator" vehicle on 2/7/06 when the driver lost control of the vehicle while going down the east access ramp. Both employees were transported via ambulance to the hospital for treatment; one employee has returned to work. The vehicle will be checked for mechanical failure by a John Deere representative.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Completed compacting and finish grading the NGS-N west slope and stormwater ditch.
- Completed compacting and finish grading the OGS north stormwater ditch.
- Started compacting and finish grading the OGS west stormwater ditch
- Removed stockpiled gypsum from the OGS west stormwater ditch; no gypsum was hauled since last report.
- Continued excavating dewatering ditches in the SCP south compartment.
- Process Water usage this report - none.
- Well Water usage this report - approximately 125,000 gallons.
- Equipment: 3 D-6 dozers, 1 D-8 dozer w/ripper, 2 compactors, 3 backhoes, 1 water wagon, 2 dump trucks - 12 personnel.

Comanco:

- Completed gypsum compaction at the NGS-N Relief Ditch anchor trenches.
- Continued geocomposite installation in the OGS-S Reservoir.

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- Continued moving concrete bags off the OGS-S slope, as necessary for soil cover work to proceed.
- Removed flap vents and installed vent pipes at the OGS-S perimeter dike
- Started liner installation at the NGS-N west stormwater ditch on 2/8/06; 9,339 sq ft was installed.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 2 extruders, 2 jumping jack compactors, 2 sewing machines, 1 backhoe, 1 loader, 1 gator - 18 personnel.

Compass:

- Continued excavating and screening soil from Marsh Nos. 6 and 7.
- Continued hauling soil fill from Gulfstream I borrow area for cover on the OGS-S Reservoir slopes; 8,250 cy was hauled (estimated by truck load count) since last report; 51,568 cy total as of 2/8/06.
- Fresh Water usage this report - approximately 210,000 gallons (Vernon will verify).
- Equipment: 8 dump trucks, 2 water wagons, 2 loaders, 4 backhoes, 3 dozers, 2 power screens, 2 compactors, 2 motor graders - 27 operators.

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue excavation of dewatering ditches at the SCP south compartment.
- Continue compacting and finish grading the OGS west stormwater ditch.
- Demobilize unnecessary equipment (See 8.0 Technical Items - Miscellaneous for more).

Comanco:

- Continue geocomposite installation in the OGS-S Reservoir, and relocation of concrete bags.
- Continue liner installation at the NGS-N west stormwater ditch; start detail work.
- Receive and unload 80-mil liner ordered for stormwater ditches (Phase I & II Slope Closure Projects).

Compass:

- Continue excavating and screening soil at Gulfstream I borrow area.
- Continue placement of soil slope cover on the OGS-S Reservoir slopes.
- Start gypsum amendment, seeding and mulching the OGS west slope from station 117+00 to 134+30.

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. Compass will forward the survey for review when it is received.
- Pickett re-surveyed an as-built survey for Moretrench on 2/3/06 of gypsum subgrade at the NGS-N west stormwater ditch - the survey was received and reviewed by Ardaman on 2/6/06, and comments emailed to CDM.
- Moretrench also provided an updated copy of Pickett's 1/26/06 as-built survey to Ardaman on 2/6/06 of gypsum subgrade at the OGS north stormwater ditch; exceptions were provided at the meeting. It was also noted that invert elevations of the 18-inch culvert under the NW ramp should be confirmed and checked for compliance.

6.0 PROJECT SCHEDULE

- Workdays lost to weather this reporting period: Moretrench 1, Comanco 1, Compass 1.
- The project schedule will be updated prior to next meeting.
- Weekend work schedule: Compass possibly on Saturday - will advise.

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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).

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. 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.

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.

- A typical cross section indicating requirements for relocation of the 18x16 reducer and upstream gate valve on the OGS-S Compartment outlet pipe were provided by Ardaman at the 10/12/05 meeting.
- 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 7 technicians on site this reporting period.
- In-place gypsum density tests - 807 tests passing, 3 failing (OGS south ditch north slope -3 tests), 5 pending.
- In-place soil fill density tests (OGS-S slope cover) - 35 passing, none failing, none pending
- NGS-N Relief Ditch anchor trench density tests: 18 passing, none failing, 1 pending.
- NGS-N west stormwater ditch liner seam destructive testing (DT's): 1 marked, none passing, none failing, none pending.

Miscellaneous

- Rainfall: CDM reported 0.44 inches from 2/1/06 through 2/7/06.
- Moretrench inquired as to the disposition of soil materials that will be excavated to achieve design grades along the south side of the OGS south stormwater ditch in light of the fact that they currently have no contract for the SCP-S Closure or Phase II Slope Closure work. CDM directed Moretrench to stockpile the soil materials in a strategic location for future use in the SCP-S closure construction. CDM will designate the specific location (i.e., in the area west of the southwest corner of the OGS).

Acceptances

- NGS-N west stormwater ditch subgrade for liner installation - on 2/8/06, from station 163+30 to 155+00.
- OGS west slope for gypsum amendment and grassing - on 2/8/06, from station 117+00 to 128+00 - all of the phase I slopes have now been released for gypsum amendment and grassing.
- NGS-N Relief Ditch liner - a final liner inspection was conducted on 2/9/06; waiting completion of anchor trench compaction (1 density test is pending).

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9.0 COMMENTS by PROGRAM MANAGER

- Reconciliation of Compass pay quantities for soil fill and grassing are in progress. Pay quantities were previously sent for review to Ardaman and FDEP for the OGS Caps, slope pond and ditches, NGS-S Cap, OGS Reservoirs and NGS-S Reservoir - all pay items except the NGS-N Relief Ditch, for which CDM is waiting on input from Compass. CDM/Compass also indicated that their soil cover quantity estimate for the OGS Slope Pond is being revised/corrected.
- 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 indicated by email on 1/23/06 that there are substantial discrepancies between Moretrench's estimates and the Engineer's design quantities - Ardaman and Moretrench are corresponding in an effort to reconcile these quantities; CDM is awaiting input from Compass.
- Status regarding SCP-S Compartment closure is as follows: Ardaman indicated by email on 2/6/06 essential agreement with Comanco liner quantities; CDM is awaiting input from Moretrench and Compass.
- CDM is awaiting a cost proposal from Compass for the filtration drain associated with the planned OGS-N Reservoir soil cover construction, and for the OGS-S and OGS-N inlet structure modifications.
- An addendum to the Gulfstream Soil Handling Plan was distributed for review by CDM by email on 2/2/06.
- CDM confirmed to FDEP by email on 2/8/06 of their intent to proceed with the SCP-S compartment closure in accordance with the current design prepared by Ardaman.

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.