

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A	Page 1 of 3
		Meeting Date: <u>7/21/05</u>	
		Report No: <u>20</u>	Report Date: <u>7/27/05</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
ATTENDEES: Ardaman: John Cameron, Tony Deatherage, Rob Werner, Tom Leto Receiver: Louis Timchak FDEP: John Coates, Sam Zamani CDM: Michael Cruz, Steve Solters, Dean Carter, Mick Edgar Moretrench: Steve Voytko, Harley Frady Comanco: Brad DeNeve, Tom Topp Compass: Chuck Icenogle, Vernon 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
Moretrench: Al Shuman, Steve Voytko, Mike Panny
Comanco: Tom Topp, Joe Benz, Dragan Milosavljevic, Brad DeNeve
Compass: Chuck Icenogle, Vernon Giles, Tom McSweeney

Next Meeting is Scheduled for Thursday, July 28, 2005
Construction/Engineering Meeting at 9:00 am

1.0 REVIEW MINUTES OF PREVIOUS MEETING

Moretrench noted that their production log has been corrected regarding fill destination.

2.0 SAFETY

No incidents were reported.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued cut/fill at the OGS slope pond; hauled excess material to the NGS-S Cap; gypsum fill hauled as of 7/19/05 was reported (by truck load count estimate) as 330,517 cy (compacted-in-place).
- Built coffer dam at the outlet of the 36-inch RCP outfall pipe (in preparation for video camera survey).
- Started excavation of the Area 5 and 6 drainage ditches.
- Continued grading and compacting Area 6 pond bottom and dike crest.
- Continued site dewatering as needed.
- Anticipated delivery is 1 to 2 weeks for the 20" HDPE pipe and HDPE inlets (OGS Cap and Slope ponds).
- Water usage for compaction this report - approximately 129,500 gallons
- Equipment: 1 D-8 dozer, 3 D-6 dozers, 5 compactors, 1 backhoe, 2 water wagons, 3 dump trucks, 1 motor grader, 1 hydraulic 6" pump - 20 personnel.

Comanco:

- Continued liner deployment in Area - 164,688 sq ft (3.8 acres) was deployed since last report; liner installed to-date (as of 7/13/05) is 2,459,206 sq ft (56.5 acres).
- Continued liner detail work in Areas 3 and 4, and started detail work in Area 5.
- Received 15 additional rolls of 60-mil 2-sided textured liner for the OGS Cap ponds on 7/14/05.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 4 extruders, 1 backhoe, 1 dozer, 1 loader, 1 gator - 18 personnel

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Compass:

- Started improvements to haul road
- Soil samples were taken on east and west stockpiles, and areas 6, 6 and 7 at the Gulfstream property.
- Continued mobilizing equipment - added 1 motor grader and 1 backhoe since last report.
- Equipment: 2 dump trucks, 1 loader and 1 water truck, 1 motor grader, 1 backhoe - 3 personnel

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue finish grading and compacting Area 6, and excavating ditches on the pond bottom.
- Continue work on the OGS slope pond.

Comanco:

- Continue liner detail work in Areas 3, 4 and 5.
- Continue liner deployment in Area 5.

Compass:

- Continue equipment mobilization.
- Continue haul road improvements.
- Setup and begin soil segregation.

5.0 SURVEY NOTES

- Area 6 (partial) as-built was surveyed by Pickett for Moretrench of 7/20/05.
- Pickett also performed a take-up survey for Moretrench on 7/20/05.

6.0 PROJECT SCHEDULE

- No workdays were lost to weather this reporting period.
- CDM distributed an updated schedule, dated 7/21/05, for work already underway and work planned to start this calendar year. Forecast completion date for the NGS-S Reservoir is 8/22/05 (no change since last report). Regarding soil fill work by Compass, this work is scheduled to start 8/15/05 at the OGS lined Caps - it was noted last report that this work will be delayed by procurement and installation of the fabricated HDPE inlet structures, and may not start until 8/22/05.
- CDM was requested to provide electronic copies of bi-weekly schedule updates to Ardaman.

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).

- Moretrench's submittal 010A for geonet/geotextile composite, proposed for use in the toe drains, was approved as submitted by Ardaman via email on 7/14/05, contingent on testing of samples to be taken in the field.

8.0 TECHNICAL ITEMS/CLARIFICATIONS AND QUALITY ASSURANCE

NOTE: Specifications for the NGS-S Reservoir are Revision 0 - Issued for Construction, dated 3/9/05. The current Drawings for the NGS-N Reservoir are dated 5/16/05 (various revision numbers). Updated drawing sets and CD's were distributed for construction at the meeting for the NGS-S Cap and NGS-N Relief Ditch, dated 7/19/05 (various revision numbers). Updated drawing sets and CD's for construction were also distributed at the meeting for the Phase I Slope

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Closure (OGS Caps, Slopes and Ditches, and NGS-N West Ditch), and for the NGS-S Cap and Relief Ditch, both dated 7/19/05 (various revision numbers).

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 mates, 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.

Quality Control Activities

- Ardaman has 5 technicians on site.
- In-place gypsum density tests: 453 tests passing, none failing, 4 pending.
- Liner roll conformance testing: table 1A (revision 0, dated 7/20/05) was issued at the meeting for 60-mil 2-sided textured liner - 15 rolls of liner (of 45 total) have been conditionally approved for deployment.
- Liner seam destructive testing (DT's): 265 marked, 237 passing, none failing, 17 pending. A summary of testing status was updated on 7/20/05 (revision 13) and was provided at the meeting.
- Liner ballast and anchor trench gypsum compaction testing: 122 passing, none failing, 2 pending.
- Two Standard Proctor tests were performed to determine dry density and moisture content requirements; copies were provided to CDM and Compass at the meeting.

Miscellaneous

- Rainfall reported by the Program Manager for this reporting period (through 7/18/05): 2.06" (July total 5.22")
- Ardaman provided a status report regarding reconciliation of Comanco pay quantities for liner, per the BAFO, the 5/17/05 drawings, and the 7/13/05 drawings.
- Reconciliation of Moretrench pay quantities for gypsum fill is in progress.
- The Program Manager was requested by Ardaman to remove soil and vegetation build-up in the OGS-S pond at the water introduction pipe location - this material could potentially wash out and plug the outlet pipe at the concrete outlet structure.

Acceptances

- None since last report.

9.0 COMMENTS by PROGRAM MANAGER

- A video camera survey of the 36-inch RCP outfall pipe is scheduled to be performed on 7/22/05.
- The Program Manager inquired as to the status of drawings for the Phase II Slope Closure (NGS) and the SCP - South Compartment; Ardaman indicated that construction drawings are in progress and will be issues per the November 2005 schedule.

10.0 COMMENTS by FDEP and/or RECEIVER

- A Material Handling Plan for Gulfstream Property Borrow Pits, dated 7/20/05, was approved by FDEP via email on 7/20/05.