

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 04-100A	Page 1 of 3
		Meeting Date: <u>5/26/05</u>	
		Report No: <u>12</u>	Report Date: <u>6/01/05</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, Rob Werner, Tony Deatherage Receiver: _____ FDEP: _____ CDM: Dean Carter, Michael Cruz Moretrench: Steve Voytko, Mike Panny, Harley Frady Comanco: Brad DeNeve Compass: Vernon Giles, Chuck Icenogle			

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

***Next Meeting is Scheduled for Thursday, June 2, 2005
Construction/Engineering Meeting at 8:00 am
Site Tour at 9:00 am followed by CDM Operations Meeting***

1.0 REVIEW MINUTES OF PREVIOUS MEETING

No corrections were noted.

2.0 SAFETY

No incidents were reported.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Completed finish grading and compacting Area 4.
- Continued sand bedding and compacted gypsum backfill for the 18-inch outlet pipe through the south dike.
- Completed concrete work at the inlet structure on 5/19/05.
- Started backfilling the outlet pipe excavation.
- Continued hauling gypsum fill from the OGS slopes to the OGS Cap Areas (the OGS-S Cap is essentially complete); gypsum fill hauled as of 5/24/05 was reported (by truck load count estimate) as 263,041 cy (compacted-in-place).
- Continued maintenance of dewatering sump and pump.
- Water usage for compaction this report - approximately 680,000 gallons
- Equipment: 2 D-8 dozers (1 w/ripper), 3 D-6 dozers, 5 compactors, 2 backhoes, 2 water wagons, 3 dump trucks, 1 motor grader, 1 hydraulic 6" pump - 19 personnel.

Comanco:

- Continued liner deployment in Area 3 - 317,242 sq ft (7.3 acres) was installed this reporting period, 1,488,717 sq ft (34.2 acres) total as of 5/24/05.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 4 extruders, 1 backhoe, 1 dozer, 1 loader, 1 gator - 25 personnel

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4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue finish grading and compacting Area 5.
- Continue compacted gypsum backfill for the 18-inch outlet pipe through the south dike.
- Continue backfilling the outlet pipe excavation.
- Start pressure testing the outlet pipe downstream of the 1st valve
- Start removing the temporary cofferdam in Area 6 (pending completion of outlet excavation backfill up to the cofferdam elevation and pending completion of outlet pipe pressure testing).
- Continue hauling gypsum fill to the OGS-N cap and start work on the OGS slope pond.
- Repair the damaged 4" HDPE vent pipe on the OGS-S outlet.
- Maintain dewatering sump and pump(s).

Comanco:

- Continue liner deployment in Area 3; liner deployment should be completed on 5/26/05 (day of the meeting).
- Continue detail work in Area 3; it was noted that some detail work is still required in Areas 1 and 2.
- Start liner deployment in Area 4, pending subgrade acceptance.
- Will order additional 1-sided textured liner - approximately 8 rolls.

5.0 SURVEY NOTES

- An as-built survey for Area 4 was performed by Pickett for Moretrench on 5/24/05 and 5/25/05, and was provided at the meeting for review. Corrective work was noted by Ardaman.
- An updated take-up survey by Pickett for Moretrench is in progress.

6.0 PROJECT SCHEDULE

- No workdays were lost to weather.
- The schedule for the NGS-S Reservoir was last updated by Ardaman on 5/16/05 (draft 10). Forecast operational and completion are 7/28/05 and 8/26/05, respectively. The contract completion date is 8/30/05.
- Finish grading by Moretrench and liner deployment by Comanco continued essentially on schedule.
- A preliminary master schedule, dated 5/26/05, was prepared by CDM and was distributed at the meeting. It was requested that an electronic version be emailed 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).

- Additional liner roll certifications submitted by Comanco have been reviewed by Ardaman.

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, as distributed at the 5/18/05 meeting, are dated 5/16/05 (various revision numbers). Electronic (ACAD) files were also distributed on CD's at the meeting. Prior drawing versions should be discarded. Drawings were also provided at the meeting for: (i) NGS-S Cap and NGS-N Relief Ditch, Revision 0 - Issued for Construction, dated 5/16/05; and (ii) Slope Closure Phase 1 (OGS Caps and Slopes), Revision 0 - Issued for Construction, dated 5/16/05.

The width of the proposed berm along north edge of the OGS slope pond will be increased from 8 to 18 feet. Revised drawings will be provided at the next meeting.

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Regarding specifications for the OGS Slopes, Top Cap Areas and NGS-N Relief Ditch, pertinent NGS-S Reservoir specifications and technical specifications previously provided on the DEP's ITN website shall be used. Specifications for corrugated HDPE pipe and fittings and aggregates in the Phase II OGS Compartment Closure Specifications, previously provided on the DEP's ITN website, shall also be used (Sections 10 and 13, respectively). Supplemental specifications for HDPE panel drains and other ancillary items are in progress.

Quality Control Activities

- Ardaman has 6 technicians on site.
- In-place gypsum density tests: 320 tests passing, 4 failing (1 on OGS-S cap, 3 on Area 6 west slope), none pending. Density testing is complete in Area 4.
- Liner roll conformance testing: tables of testing status (revision 10, dated 5/25/05) were distributed at the meeting; all liner rolls (166 rolls of 2-sided textured, 38 rolls of 1-sided textured, and 176 rolls of smooth liner) have been conditionally approved for deployment.
- Liner seam destructive testing (DT's): 166 marked, 137 passing, 2 failing (#'s 84 and 110), none pending. A summary of testing status (revision 6, dated 5/25/05) was distributed at the meeting.
- Liner ballast and anchor trench gypsum compaction testing: 64 passing, 3 pending.
- Outlet pipe bedding: Sand density - 12 passing, none pending; Gypsum density -14 passing, none pending.

Miscellaneous

- Rainfall (inches) as reported by the Program Manager for this reporting period: 0.0 (May total 0.32).

Acceptance of subgrade for liner deployment

- None since last report.

9.0 COMMENTS by PROGRAM MANAGER

A conference call was scheduled for 10:30 am after the meeting to discuss damage to the 24" HDPE pipelines that occurred during their recent temporary relocation for construction in the OGS Cap Areas.

10.0 COMMENTS by FDEP and/or RECEIVER

- The Receiver requested CDM to submit a water management plan for the NGS-S before the onset of the rainy season. The water management plan is in progress.
- A change order will be prepared by CDM to reflect increased resin costs for liner materials; additional cost information has been received from Comanco.