

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 05-110A Meeting Date: <u>8/25/05</u> Report No: <u>25</u> Report Date: <u>8/31/05</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 Receiver: _____ FDEP: _____ CDM: Dean Carter, Mike Cruz, Steve Solters Moretrench: Steve Voytko, Harley Frady Comanco: 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, Dragan Milosavljevic, Brad DeNeve
 Compass: Chuck Icenogle, Vernon Giles, Tom McSweeny

***Next Meeting is Scheduled for Thursday, September 1, 2005
 Construction/Engineering Meeting at 9:00 am***

1.0 REVIEW MINUTES OF PREVIOUS MEETING

No corrections were noted.

2.0 SAFETY

No incidents were reported. See 9.0 Comments by Program Manager for more.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued cut/fill at the OGS slope pond; estimate of gypsum fill hauled since last report was reported at 9,886 cy (by truck load count estimate), 367,277 cy (compacted-in-place estimate based on truck load count) total as of 8/24/05.
- Completed installation of the inlet structures and piping at the OGS Cap.
- Continued rough grading the OGS-S south and west slopes.
- Continued rough grading the NGS Relief Ditch.
- Continued excavating the OGS-S south ditch.
- Started fine grading the OGS Cap - south pond is complete.
- Completed first-phase grouting of the NGS 36-inch RCP outfall pipe.
- Water usage for compaction this report - approximately 368,500 gallons - see 10.0 Comments by FDEP for more.
- Equipment: 4 D-8 dozers, 4 D-6 dozers, 4 compactors, 3 backhoes, 3 water wagons, 3 dump trucks, 1 motor grader, 2 loaders - 29 personnel.

Comanco:

- Completed liner deployment in Area 6 - 42,000 sq ft (1 acre) was deployed since last report; total liner installed was reported by Comanco at is 3,139,928 sq ft (72 acres).
- Continued liner detail work in Areas 3, 4, 5 and 6.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 4 extruders, 1 backhoe, 1 dozer, 1 loader, 1 gator - 15 personnel.

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE	File No.: 05-110A	Page 2 of 3
	Meeting Date: 8/25/05	
	Report No: 25	Report Date: 8/31/05
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	

Compass:

- Continued improvements to haul roads.
- Continued segregating and screening east soil stockpile.
- Continued mobilizing equipment - added 1 motor grader, and 1 forklift since last report.
- Equipment: 3 dump trucks, 1 loader, 1 water truck, 1 motor grader, 2 backhoes, 2 dozers, and 2 power screens, 2 compactors, 1 motor grader, 1 forklift - 7 operators

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue work on the OGS Caps; finish grade the south cap.
- Continue grading the OGS-S south and west slopes.
- Undertake second-phase grouting of the NGS 36-inch RCP outfall pipe.
- Continue rough grading the OGS-S south stormwater ditch.
- Continue rough grading the NGS Relief Ditch.

Comanco:

- Complete liner detail work in Areas 3, 4, 5 and 6.
- Start liner deployment at OGS Cap north pond when subgrade is accepted.

Compass:

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

5.0 SURVEY NOTES

- The OGS Cap north pond was as-built surveyed on 8/24. The survey was provided at the meeting, and was reviewed by Ardaman with corrective work noted.

6.0 PROJECT SCHEDULE

- 1 ½ workdays were lost to weather by Compass this reporting period; none by Moretrench and Comanco.
- The project schedule was updated by CDM on 8/25/05 and was distributed at the meeting. It was noted that contract completion dates are indicated as milestones for each of the major tasks.
- Comanco indicated that liner detail work for the NGS-S Reservoir should finish by 8/29/05; a final inspection by Ardaman and FDEP is tentatively scheduled for 8/30/05.
- Liner deployment in the OGS Cap north pond is scheduled to start 8/29/05, pending subgrade acceptance; soil fill should start about 9/6/05.

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).

- Regarding grouting of the 36" outfall pipe, Moretrench indicated plans to complete grouting at the easterly inlet on 8/26. Moretrench was requested to pump out the discharge end of the pipe in order for Ardaman to observe the extent of grouting at the end-of-pipe.

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE	File No.: 05-110A	Page 3 of 3
	Meeting Date: 8/25/05	
	Report No: 25	Report Date: 8/31/05
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	

- 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.
- Comanco's proposed liner panel layout drawing, submitted on 8/8/05, proposed for the OGS Caps and Slope Pond, was approved as noted on 8/18/05; Comanco should re-submit a corrected drawing for the record.

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 7/21/05 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 7/21/05 meeting for the Phase I Slope Closure (OGS Caps, Slopes and Ditches, and NGS-N West Ditch) dated 7/19/05 (various revision numbers). The following drawings were distributed at the meeting to reflect minor dimensional corrections to-date to the Phase I Slope Closure: D-3 revision 2, D-5 revision 2, D-9 revision 1, D-10 revision 1, D-11 revision 1 and D-12 revision 1, all dated 8/15/05.

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.

In response to Moretrench's inquiry regarding work on outside slopes, CDM and Moretrench were advised by Ardaman via email on 8/24 of applicable specification sections for compaction requirements.

Quality Control Activities

- Ardaman has 7 technicians on site.
- In-place gypsum density tests: 512 tests passing, 3 failing (OGS Cap south pond), 9 pending.
- Liner roll conformance testing table 1A for 60-mil 2-sided textured liner was updated on 8/25/05 (revision 5), and was distributed at the meeting - all liner rolls (55 total) have been conditionally approved for deployment.
- Liner seam destructive testing (DT's): 332 marked, 289 passing, 1 failing (DT-293; 120' of this seam will be capped), 35 pending. A summary of testing status was last updated on 8/10/05 (revision 15).
- Liner ballast and anchor trench gypsum compaction testing: 155 passing, none failing, 1 pending.

Miscellaneous

- Rainfall will be updated next report.
- Moretrench pay quantities for gypsum cut and fill have been reconciled (refer Ardaman email dated 8/24); reconciliation of Compass pay quantities for soil fill and grassing is in progress.
- Removal of soil and organics from the liner at the north corner of the OGS-S pond is in progress; the Program Manager was requested to complete removal before the approach of Tropical Storm Katrina.

Acceptances

None since last report.

9.0 COMMENTS by PROGRAM MANAGER

- A change order is in progress for changes in liner quantities.
- Removal of a leaking tank of sodium thiosulfate (a mild reductant, 10% solution?) is in progress by CDM in the plant area; construction traffic should exercise caution.
- The Program Manager will advise via email regarding preparations for Tropical Storm Katrina

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE	File No.: 05-110A	Page 4 of 3
	Meeting Date: <u>8/25/05</u>	
	Report No: <u>25</u>	Report Date: 8/31/05
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	

- Contractors and the Engineer were reminded that the Program Manager should be copied on all communications.