

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 04-100A	Page 1 of 3
		Meeting Date: <u>7/7/05</u>	
		Report No: <u>18</u>	Report Date: <u>7/13/05</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: Nadim Fuleihan, 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 Comanco: Brad DeNeve, Tom Topp, Dragan Milosavljevic 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 14, 2005
Construction/Engineering Meeting at 9:00 am

1.0 REVIEW MINUTES OF PREVIOUS MEETING

Regarding Moretrench's production log, it was noted that gypsum indicated as being hauled to the NGSS was actually hauled to the NGS-S Cap. Moretrench was requested to correct the production log.

2.0 SAFETY

No incidents were reported.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Continued hauling excess material from NGS-S Area 6 to the NGS-S Cap; gypsum fill hauled as of 7/6/05 was reported (by truck load count estimate) as 312,255 cy (compacted-in-place).
- Continued grading and compacting Area 5 and 6 pond bottom and dike crest; Area 5 was completed on 7/5/05.
- Completed slope erosion repairs and continued dewatering the site.
- Plant waste materials previously encountered on the north slope of the OGS were excavated to a depth of 2' below finish grade, and were relocated and buried under 2' of gypsum cover in the OGS-N Cap pond bottom.
- Water usage for compaction this report - approximately 39,000 gallons
- Equipment: 1 D-8 dozer (w/ripper), 3 D-6 dozers, 5 compactors, 1 backhoe, 2 water wagons, 3 dump trucks, 1 motor grader, 1 hydraulic 6" pump - 20 personnel.

Comanco:

- No liner was deployed since last report. Liner installed to-date remained at 2,183,841 sq ft (50.1 acres).
- Continued liner detail work in Areas 2, 3 and 4 - Area 2 was completed on 6/30/05.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 4 extruders, 1 backhoe, 1 dozer, 1 loader, 1 gator - 20 personnel

Compass:

Continued mobilizing equipment; 2 dump trucks, 1 loader and 1 water truck have been mobilized to date.

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4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue finish grading and compacting Area 6.
- Resume work on the OGS slope pond.

Comanco:

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

Compass:

- Continue equipment mobilization.

5.0 SURVEY NOTES

- An updated survey of the NGS-S Cap was completed by Pickett for Moretrench; an electronic copy was emailed to Ardaman as requested.
- Area 5 was as-built surveyed on 7/6/05 by Pickett for Moretrench. The survey was reviewed by Ardaman at the meeting, and corrective work was noted.

6.0 PROJECT SCHEDULE

- 4 workdays were lost to weather by Moretrench, 2 days by Comanco.
- CDM distributed an updated schedule, dated 7/6/05, for work already underway and work planned to start this calendar year. Forecast completion date for the NGS-S Reservoir is 8/19/05. Regarding soil fill work by Compass, the updated schedule forecasts that this work will start 8/15/05 at the OGS lined Caps.

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 008 for 6-inch corrugated HDPE pipe, proposed for use in the toe drains, was approved as noted by Ardaman via email on 7/1/05.
- Moretrench's submittal 009 for non-woven geotextile, proposed for use in the toe drains, was approved as submitted by Ardaman via email on 7/1/05, contingent on conformance testing of samples to be taken in the field.
- Moretrench's submittal 010 for geonet/geotextile composite, proposed for use in the toe drains, was approved as noted by Ardaman via email on 7/1/05, contingent on conformance testing of samples to be taken in the field.
- Moretrench's submittal 011 for silica gravel, proposed for use in the toe drains, was approved as submitted by Ardaman via email on 7/1/05.

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). Current drawings for the NGS-S Cap and NGS-N Relief Ditch, and Phase 1 Slope Closure (OGS Caps and Slopes), Revision 0 - Issued for Construction, are dated 5/16/05. Slope Closure drawings C-3, C-7, C-8 and L-2 were subsequently revised to Revision 1, dated 6/1/05.

Preliminary drawings D-2, D-3, D-4, D-5, all revision 0 and marked "Preliminary", dated 6/14/05, for stormwater inlet and outlet structures in the OGS Caps and slope pond, were issued at the meeting:

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Regarding specifications for the OGS Slopes, Top Cap Areas and NGS-N Relief Ditch, pertinent NGS-S Reservoir specifications shall be used. Preliminary supplemental specification Sections 24, 25, 26, 27, 28, 29 and 30, all revision 0, dated 7/6/05, for liner materials, soil cover, amendment and grassing of gypsum side slopes, concrete erosion control mat, HDPE panel drains, corrugated HDPE pipe and fittings, and aggregates, were issued at the meeting.

Quality Control Activities

- Ardaman has 6 technicians on site.
- In-place gypsum density tests: 428 tests passing, 4 failing (3 on Area 6 west slope, 1 on Area 6 bottom), none pending.
- Liner roll conformance testing: **no change** - tables 3a, 3b and 3c were last updated on 6/29/05 (revision 14) - 166 rolls of 2-sided textured [approval of 4 additional rolls is pending], 46 rolls of 1-sided textured, and 176 rolls of smooth liner have been conditionally approved for deployment.
- Liner seam destructive testing (DT's): 232 marked, 221 passing, 1 failing (DT-218), 14 pending. A summary of testing status was last updated on 6/29/05 (revision 11).
- Liner ballast and anchor trench gypsum compaction testing: 108 passing, 1 pending.

Miscellaneous

- Rainfall reported by the Program Manager for this reporting period (through 7/4/05): 3.45" (June total 9.30", July total 0.35")
- See 3.0 Summary of Work Performed - Moretrench, re excavation and burial of plant waste materials; estimated volume is approximately 400 cy (100' x 50' x 2').

Acceptances

- Subgrade for liner deployment: Area 5 on 7/7/05, contingent on corrective work as noted.
- Liner: Area 2 on 6/30/05.

9.0 COMMENTS by PROGRAM MANAGER

Compass' proposed borrow area for soil fill will be discussed at the Program Manager's meeting.

10.0 COMMENTS by FDEP and/or RECEIVER

No comments.