

ARDAMAN & ASSOCIATES, INC. PROGRESS MEETING REPORT FOR PINEY POINT GYPSUM STACK SYSTEM CLOSURE		File No.: 04-100A	Page 1 of 3
		Meeting Date: <u>6/30/05</u>	
		Report No: <u>17</u>	Report Date: <u>7/6/05</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
<u>ATTENDEES:</u> Ardaman: John Cameron, Tony Deatherage, Rob Werner Receiver: _____ FDEP: _____ CDM: Michael Cruz, Steve Solters, Dean Carter Moretrench: Harley Frady Comanco: Brad DeNeve Compass: Chuck Icenogle, 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
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 7, 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

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.

2.0 SAFETY

No incidents were reported.

3.0 SUMMARY OF WORK PERFORMED

Moretrench:

- Hauled excess material from NGS-S Area 6 to the NGS-S Cap; gypsum fill hauled as of 6/29/05 was reported (by truck load count estimate) as 310,926 cy (compacted-in-place).
- Continued grading and compacting Areas 5 & 6 pond bottom and dike crest.
- Repaired slope erosion (caused by recent storm events), and continued dewatering the site. At the time of the meeting, most of Areas 5 & 6 pond bottom was underwater.
- Removed the RLCS 24-inch pipe spool at the OGS northwest corner on 6/25/05; also relocated the OGS-N outlet pipe.
- Water usage for compaction this report - approximately 234,000 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. 1 D-8 dozer and 1 backhoe were demobilized since last report.

Comanco:

- Completed liner deployment in Area 4 on 6/27/05 - 69,499 sq ft (1.6 acres) was installed this reporting period, 2,183,841 sq ft (50.1 acres) total as of 6/29/05.
- Continued detail work in Areas 2 & 3, and started detail work in Area 4.
- Equipment: 1 QC trailer, 6 generators, 3 wedges, 4 extruders, 1 backhoe, 1 dozer, 1 loader, 1 gator - 20 personnel

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Compass:

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

4.0 PROJECTED WORK FOR NEXT WEEK

Moretrench:

- Continue dewatering, finish grading and compacting Areas 5 & 6.
- Resume grading the OGS slope pond.

Comanco:

- Continue detail work in Areas 2, 3 & 4.
- Start deployment in Area 5, pending subgrade acceptance.

Compass:

- Continue equipment mobilization.

5.0 SURVEY NOTES

- Updated take-up surveys were completed by Pickett for Moretrench on 5/27/05 and 6/20/05, and were provided to Ardaman at the meeting. An electronic copy was also received by Ardaman for both surveys.
- Ardaman requested an updated survey of the NGS-S Cap area.

6.0 PROJECT SCHEDULE

- 1 workday was lost to weather by Moretrench, none by Comanco.
- CDM distributed an updated schedule, dated 6/30/05, for work already underway and work planned to start this calendar year. See 9.0 Comments by Program Manager for more.

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 submitted product data for 6-inch corrugated HDPE pipe, non-woven geotextile, geonet/geotextile composite and silica gravel on 6/17/05, proposed for use in the toe drains - a review by Ardaman is in progress.

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. Electronic files of the revised site grading plan (C-3) and liner plan (L-2) were emailed to CDM on 6/10/05. [These files were re-transmitted in an email to CDM on 6/27/06].

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

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provided on the DEP's ITN website, shall also be used (Sections 10 and 13, respectively). A Supplemental Specification document that compiles the ITN specifications along with specifications for the HDPE panel drains will be issued.

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 5 bottom), none pending.
- Liner roll conformance testing: tables 3a, 3b and 3c were updated (revision 14, dated 6/29/05) and distributed at the meeting; 166 rolls (no change) of 2-sided textured [approval of 4 additional rolls is pending], 46 rolls (44 last report) of 1-sided textured, and 176 rolls (no change) of smooth liner have been conditionally approved for deployment.
- Liner seam destructive testing (DT's): 232 marked, 221 passing (including 110R), none failing, none pending. A summary of testing status (revision 11, dated 6/29/05) was distributed at the meeting.
- Liner ballast and anchor trench gypsum compaction testing: 108 passing, 1 failing (Area 4 east slope), none pending.

Miscellaneous

- Rainfall reported by the Program Manager for this reporting period (through 6/27/05): 1.45" (June total 6.20")
- Plant waste materials previously disposed and buried in the OGS (identified as cooling tower packing material) were uncovered 3 weeks ago by Moretrench while grading the OGS north slope area. Moretrench will resume excavation and grading work in this area and was directed to perform a few test excavations to ascertain the aerial extent and thickness of the waste materials. If waste materials exist at design grades, the material will be over-excavated to a depth of 24 inches and replaced with compacted clean gypsum. The waste materials will be quantified, relocated, buried and covered by at least 2 feet of compacted clean gypsum at a location to be determined by the Engineer (e.g., at a specified location within the OGS-N Cap Area). Final determination of the burial area will be made once the quantity can be estimated via the planned test excavations.

Acceptances

- Subgrade for liner deployment: None since last report.
- Liner: None since last report.

9.0 COMMENTS by PROGRAM MANAGER

- Meetings were planned after the construction meeting to review Compass' proposed borrow area with FDEP and Ardaman, and to review the project schedule.

10.0 COMMENTS by FDEP and/or RECEIVER

FDEP and the Receiver were not represented at the construction meeting.