

SCS ENGINEERS

**Monthly Progress Reports
Phase II Section I
Landfill Expansion Construction
Hardee County, Florida**



Prepared for:

Board of County Commissioners
Hardee County
205 Hanchey Road
Wauchula, Florida 33873

Prepared by:

SCS Engineers
3012 U.S. Highway 301 N.
Suite 700
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September 2006
File No. 09199033.16

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
SEP 26 2006
SOUTHWEST DISTRICT
TAMPA


SCS ENGINEERS

Dept. of Environmental Protection

MAR 20 2007

Southwest District

March 19, 2007
File No. 09199033.16

Susan J. Pelz, P.E. 
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Subject: Monthly Progress Report - February 15, 2007 to March 17, 2007
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01

Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report per Specific Condition Number B.6.b of the construction permit for the Hardee County Landfill Phase II Section I Landfill Expansion Construction. The attached monthly report covers the month of February 15, 2007 to March 17, 2007 and includes the following:


- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
- 2) A summary of submittals and change order requests.
- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September 2006.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS


for C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County



Dept. of Environmental
Protection
MAR 20 2007

1. SUMMARY OF ACTIVITIES FEBRUARY 15, 2007 TO MARCH 17, 2007

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from February 15, 2007 to March 17, 2007 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 15, 2007.
- Final Completion of the project was established as March 17, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

- Finalized the installation of the offsite discharge control structure and skimmer.
- Finalized the installation of the leachate collection system pipes.
- Finalized the video inspection of the leachate collection system pipes.
- Finalized placing the 24 inch sand protective cover.
- Finalized the shell rock road construction around the cell.
- Finalized seeding and sodding of the stormwater management system ditches and all other areas as required.
- Finalized the installation of the leachate collection and leachate detection system piping.
- Finalized the installation of the control panel.
- Conducted a preliminary startup and initial testing of the leachate collection and leachate detection system on March 14, 2007.
- The required monitoring wells, piezometers and gas probes will be installed approximately March 22, 2007. Due to the close proximity of the wells to construction activities, the installation of the wells was scheduled when construction was completed so the wells would not be damaged.

Susan J. Pelz, P.E.
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- Comanco is currently demobilizing from the project site and submitting the remaining final paperwork.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

No change order requests occurred during this final reporting period for construction of the project.

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment A contains summary reports for the following Weekly Construction Progress Meetings.

- Construction Progress Meeting Number 19 - February 14, 2007.
- Construction Progress Meeting Number 20 - February 21, 2007.
- Construction Progress Meeting Number 21 - February 28, 2007.
- Construction Progress Meeting Number 22 - March 7, 2007.

Construction Progress Meeting Number 23, held on March 16, 2007, will be included in the Certification of Construction Completion Report submitted to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment B.

ATTACHMENT A
CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

SCS ENGINEERS**WEEKLY CONSTRUCTION PROGRESS MEETING NO. 19****February 14, 2007 / 11:00 a.m.****Hardee County Phase II Section I Landfill Expansion****County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 19. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 19 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 19 for Hardee County Phase II Section I Landfill Expansion. The date is February 14, 2007 and the time is 11:00 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 19 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting.

Audiotapes are available for review.

The draft of Progress Meeting No. 18 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 18 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 18.

No unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated there were no changes to the schedule at this time. The amount of float time Comanco had built has been used up because of weather.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the sand installation. Comanco is expecting to work on the dividing berm and rain tarp. Comanco plans to work on the road and the ditch around the cell. Comanco plans to install the plantings for the north primary pond.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco plans to work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of sand. The control panel for the detection and leachate collection pumps is on site and Comanco expects the electricians on site to begin their work. Florida Jet Clean should be on site to jet and video one line. The surveyors would be on site for lay-out and as-built surveys. The seed and sod crew should be on site. Nodarse would be on site for density tests.

3. FIELD ORDERS

SCS stated no field orders were issued.

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4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would have the seed and sod subcontractor send verification for the seed.

SCS stated SCS did not receive any RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, February 21, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:08 a.m.

SCS ENGINEERS**WEEKLY CONSTRUCTION PROGRESS MEETING NO. 20****February 21, 2007 / 11:00 a.m.****Hardee County Phase II Section I Landfill Expansion****County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 20. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 20 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 20 for Hardee County Phase II Section I Landfill Expansion. The date is February 21, 2007 and the time is 11:06 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 20 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting.

Audiotapes are available for review.

The draft of Progress Meeting No. 19 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 19 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 19.

Comanco stated the only old business was the specifications for the air release valve and Comanco did receive the specifications.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed the updated projected schedule.

Comanco stated there were minor changes to the schedule. The structure and sod at the SWMA discharge would be one of the last items to be completed for access reasons. The leachate collection system would be extended as it relates to the startup. The primary pond plantings are complete ahead of schedule and the shell road would have an early start. All other items are on schedule.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the sand installation. Comanco is expecting to work on the dividing berm, west berm, shell rock road, ditches and the detection/leachate collection system.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco might work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of sand and shell rock for the road. The fittings required for the force main tie-in are on site and extra liner material if needed for the west temporary berm should be delivered today. For subcontractors Comanco expects the electricians, surveyors and Nodarse on site.

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3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

Comanco inquired of the culvert located in the north ditch.

SCS stated the culvert near the discharge should be removed.

The County stated they would remove the culver used for their temporary crossing.

Discussion was held for the ditch construction on the north side of the active landfill area.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would have the cut sheets for the air release valves sent to SCS.

Comanco inquired if SCS would require a submittal for the concrete. The concrete pad at the groundwater wet well calls for 3,000 PSI and Comanco plans on using 4,000 PSI for the pad.

SCS stated the mix would be fine.

SCS stated SCS did not receive any RFI's.

6. CONTRACTOR ISSUES

Comanco inquired of the liner tie-in for the west temporary berm.

SCS stated the liner tie-in should be on the west side of the berm at the anchor trench.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No issues were indicated.

SCS stated the next meeting would be Wednesday, February 28, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:26 a.m.

SCS ENGINEERS**WEEKLY CONSTRUCTION PROGRESS MEETING NO. 21****February 28, 2007 / 11:00 a.m.****Hardee County Phase II Section I Landfill Expansion****County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 21. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 21 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 21 for Hardee County Phase II Section I Landfill Expansion. The date is February 28, 2007 and the time is 11:11 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 21 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting.

Audiotapes are available for review.

The draft of Progress Meeting No. 20 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 20 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 20.

Comanco inquired of the as-built of the cell.

SCS stated it was good.

Comanco inquired which items would need to be signed and sealed.

SCS stated they would check and make sure of how many copies should be supplied.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated there were no changes to the schedule. Comanco stated they are right on schedule for March 17, 2007 completion. The primary stormwater pond is complete. The shell road would have an early start. All other items are on schedule.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the sand installation. Starting tomorrow Comanco is expecting to work on the shell rock road and the liner on the west berm in the cell. Comanco stated the electricians would be on site this afternoon to start the electrical work for the cell pumps. Comanco stated the sod company would be on site tomorrow to begin sod installation on the north ditch.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco might work this Saturday depending on the weather.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of shell rock for the road. For subcontractors Comanco expects their liner crew, sod crew, electricians, surveyors and Nodarse on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

Comanco stated they would have a crew to begin installation of the structure and road cut at the SWMA discharge on Monday.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would work on getting the warranties required for the project close out.

SCS stated SCS did not receive any RFI's.

6. CONTRACTOR ISSUES

Comanco stated there was a bust on three quantities. The 24 inches of sand in the cell, the extra layer of tri-planer for the secondary geocomposite and the erosion control mat used in the SWMA are the three items.

SCS stated that we could discuss the procedure to handle those items after the meeting.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

Comanco they plan to cut the road near the tanker loading area but the taker would be able to back in to load for a couple of days.

The County inquired of how long would the other road would be closed.

Comanco stated no more than three days but access to the back could be available by going around the active landfill area to the north then west.

No other issues were indicated.

SCS stated the next meeting would be Wednesday, March 7, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:29 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 22

March 7, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 22. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 22 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 22 for Hardee County Phase II Section I Landfill Expansion. The date is March 7, 2007 and the time is 11:07 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 22 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting.

Audiotapes are available for review.

The draft of Progress Meeting No. 21 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 21 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 21.

SCS inquired if Comanco has tabulated the quantity overages on the 24 inches of sand in the cell, the extra layer of tri-planer for the secondary geocomposite and the erosion control mat in the SWMA.

Comanco stated they would have information first part of next week.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

SCS stated Comanco distributed an updated project schedule.

Comanco stated there were minor changes to the schedule to show completion of work on Thursday, March 15, 2007.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the ditch and roadway. The electricians should complete their work this week and Sligo is scheduled for the pump start up on Monday, March 12, 2007. Comanco stated the road crossing at the SWMA discharge should be complete this week and the concrete work early next week. The sod and seed should finish by next week.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco might work this Saturday depending on the weather.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of shell rock for the road, seed and sod. For subcontractors on site Comanco expects the seed and sod crew, electricians, surveyors, Nodarse and Sligo for the pump start up.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would work on getting the warranties required for the project close out. Florida Jet Clean should have their final report this Friday.

SCS stated SCS did not receive any RFI's.

6. CONTRACTOR ISSUES

Comanco inquired about turning off the County's leachate pumps.

The County stated whenever Comanco is ready.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

SCS suggested the next meeting to be held on Friday, March 16, 2007 at 11:00 a.m. for project close-out.

Comanco requested a walk-through and a punch list on Wednesday, March 14, 2007.

All attendees agreed.

No other issues were indicated.

SCS stated the next meeting would be Friday, March 16, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:25 a.m.

Department of Environment
Protection
MAR 20 2007
Southwest District

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 3/19/07

File Name	Date	Description
Hardee022807 001	2/16/07	24-inch drainage sand layer installation - photo looking southeast.
Hardee022807 002	2/16/07	24-inch drainage sand layer installation - photo looking south.
Hardee022807 003	2/16/07	24-inch drainage sand layer installation - photo looking southwest.
Hardee022807 006	2/16/07	24-inch drainage sand layer installation - photo looking south.
Hardee022807 008	2/23/07	24-inch drainage sand layer installation - photo looking southwest.
Hardee022807 009	2/23/07	24-inch drainage sand layer separation berm in cell - photo looking south.
Hardee022807 012	2/28/07	Stormwater pond - photo looking west.
Hardee022807 017	2/28/07	Stormwater pond - photo looking north.
Hardee022807 029	2/28/07	Wetland stormwater discharge structure - photo looking east.
Hardee022807 030	2/28/07	Stormwater swale into primary pond - photo looking south.
Hardee022807 031	2/28/07	Stormwater swale leading into primary pond - photo looking west.
Hardee030707 015	3/5/07	Rain tarp installation - photo looking southwest.
Hardee030707 016	3/5/07	Rain tarp installation - photo looking west.
Hardee030707 019	3/5/07	Rain tarp installation - photo looking southeast.
Hardee030707 020	3/5/07	Rain tarp installation - photo looking south.
Hardee030707 021	3/5/07	Rain tarp installation - photo looking southwest.
Hardee030707 023	3/6/07	Stormwater swale into primary pond - photo looking north.
Hardee030707 024	3/6/07	Stormwater swale leading to primary pond - photo looking west.

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 3/19/07

File Name	Date	Description
Hardee031607 009	3/16/07	Offsite discharge control structure - photo looking south.
Hardee031607 010	3/16/07	Stormwater pond - photo looking northwest.
Hardee031607 011	3/16/07	Stormwater pond - photo looking north.
Hardee031607 012	3/16/07	Stormwater pond - photo looking northwest.
Hardee031607 015	3/16/07	Stormwater pond - photo looking east.
Hardee031607 019	3/16/07	Stormwater swale around new cell - photo looking east.
Hardee031607 020	3/16/07	Rain tarp in new cell - photo looking east.
Hardee031607 022	3/16/07	Stormwater swale around new cell - photo looking north.
Hardee031607 023	3/16/07	Perimeter berm around new cell - photo looking east.
Hardee031607 024	3/16/07	Rain tarp in new cell - photo looking south.

Photograph Hardee022807 001



Photograph Hardee022807 002



Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16

Photograph Hardee022807 003



Photograph Hardee022807 006



Photograph Hardee022807 008



Photograph Hardee022807 009



Photograph Hardee022807 012



Photograph Hardee022807 017



Photograph Hardee022807 029



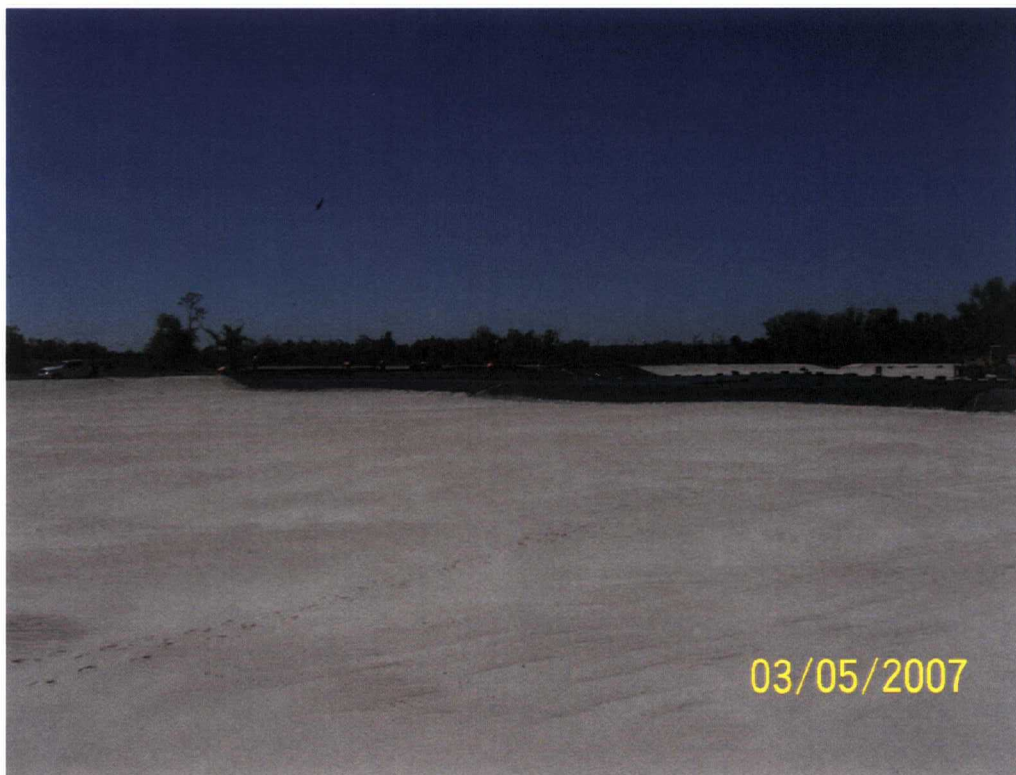
Photograph Hardee022807 030



Photograph Hardee022807 031



Photograph Hardee030707 015



Photograph Hardee030707 016



Photograph Hardee030707 019



Photograph Hardee030707 020



Photograph Hardee030707 021



Photograph Hardee030707 023



Photograph Hardee030707 024



Photograph Hardee031607 009



Photograph Hardee031607 010



Photograph Hardee031607 011



Photograph Hardee031607 012



Photograph Hardee031607 015



Photograph Hardee031607 019



Photograph Hardee031607 020



Photograph Hardee031607 022



Photograph Hardee031607 023




Photograph Hardee031607 024



SCS ENGINEERS

February 15, 2007
File No. 09199033.16

Susan J. Pelz, P.E. 
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
FEB 15 2007
SOUTHWEST DISTRICT
TAMPA

Subject: Monthly Progress Report - January 15, 2007 to February 15, 2007
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01

Dear Ms. Pelz:

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- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September 2006.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS


for C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County
Offices Nationwide



1. SUMMARY OF ACTIVITIES JANUARY 15, 2007 TO FEBRUARY 15, 2007

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from January 15, 2007 to February 15, 2007 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 15, 2007.
- Final Completion of the project was established as March 17, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

Please refer to the construction schedule provided by Comanco Environmental Corporation (COMANCO) contained in Attachment A.

- Began installation of the GCL and liner on January 15, 2007.
- Completed filling in the western temporary construction dewatering pond on approximately January 15, 2007.
- Finished installation of the skimmer and headwall for the main haul road on approximately January 23, 2007.
- Finished installation of the wetland discharge control structure on January 26, 2007.
- The western section of the stormwater management pond regrading was completed and sodded on approximately February 1, 2007.
- Completed installing connection from stormwater management pond to east-west swale in north corner and lining with rip rap on approximately February 2, 2007.
- Planting of the stormwater management pond littoral zone was completed on approximately February 2, 2007.
- Completed installation of the geosynthetic layers on approximately February 2, 2007.
- Began installation of the leachate collection system pipes on approximately February 5, 2007.
- Began placing the 24 inch sand protective cover on approximately February 5, 2007.

- Began installing the polls around the cell to mark the edge of liner on approximately February 8, 2007 and finished on approximately February 13, 2007.
- Began preparation of the shell rock road subbase around the cell on approximately February 13, 2007.
- Video inspection and jet cleaning of all of the leachate collection system pipes was completed approximately February 13, 2007 with all pipes passing.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

Attached at the end of the Weekly Construction Progress Meeting Summary Reports, contained in Attachment B, is a list of submittals reviewed to date by SCS for the project.

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment B contains summary reports for the following Weekly Construction Progress Meetings.

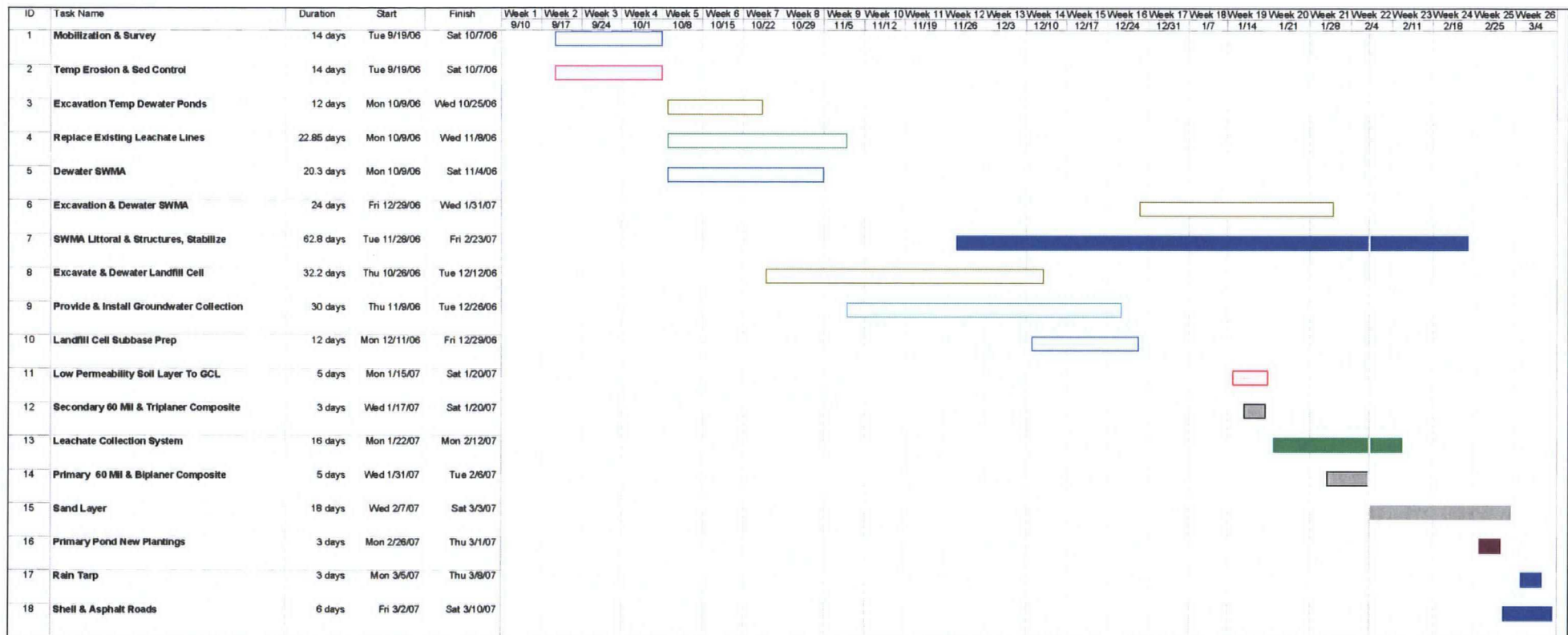
- Liner Pre-installation Meeting - January 8, 2007.
- Construction Progress Meeting Number 15 - January 10, 2007.
- Construction Progress Meeting Number 16 - January 24, 2007.
- Construction Progress Meeting Number 17 - January 31, 2007.
- Construction Progress Meeting Number 18 - February 7, 2007.

Construction Progress Meeting Number 19, held on February 14, 2007, will be included in the next monthly progress report to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment C.

ATTACHMENT A
CONSTRUCTION PROGRESS SCHEDULE



Project: Hardee County Schedule
Date: Wed 2/7/07
COMANCO Environmental Corp
Project Number 03061189

Task
Split

Progress
.....

Milestone
◆

Summary
Project Summary

External Tasks
External Milestone

Deadline



ATTACHMENT B

**CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS
AND
CONSTRUCTION SUBMITTALS**

SCS ENGINEERS

LINER PRE-INSTALLATION MEETING
January 8, 2007 / 10:00 a.m.
Hardee County Phase II Section I Landfill Expansion
County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Liner Pre-Installation Meeting. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Liner Pre-Installation Meeting Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

SCS opened the meeting stating: This is the Liner Pre-Installation Meeting for Hardee County Phase II Section I Landfill Expansion. The date is January 8, 2007 and the time is 10:05 a.m.

A sign in sheet is being passed around everyone please sign in.

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment.

If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them.

Audiotapes are available for review.

Please read and familiarize yourselves with the liner sections in the specifications. We will hit some of the highlights in this meeting.

Please hold your questions and comments to the end for the discussion section.

SCS requested all those present to speak up for the recording.

1. INTRODUCTION

A. Hardee County

- Teresa Carver Director of Solid Waste (did not attend this meeting)

B. SCS Engineers

- Dennis DuPont Resident Project Representative and CQA
- Shane Fischer Project Manager
- Kurt Peterson CQA
- Michael Danzy CQA

C. Comanco

- Paul Moore Project Manager
- Billy Wilson Project Superintendent
- Robert Lung QA/QC Supervisor
- Jason Rivera Senior Health & Safety Specialist
- Stuart Taylor Liner Superintendent
- Rishi Vasudeva Project Engineer

2. TIME SCHEDULE

SCS stated the project schedule indicates 24 days to complete the liner installation. The cell is a little less than 5 acres so the time schedule should not be a problem.

SCS stated all liner materials should already be on site.

Comanco stated they have a couple partial pallets of additional bentonite being delivered to the site just for added insurance to not run out during installation.

SCS stated the present working hours are 7:00 a.m. to 5:00 p.m., Monday through Saturday. There is room for adjustment for the hours and for working Sundays. As discussed with Comanco, night work is not recommended.

3. DOCUMENTING AND REPORTING

SCS stated the SCS CQA would be working closely with Comanco's CQC on a continuing basis.

4. SEAMS

Seam testing of the geomembrane have the following requirements.

Testing: Shear; 120 lb/in width and FTB for extrusion and wedge weld ✓
 Peel; 98 lb/in width and FTB for wedge weld ✓
 78 lb/in width and FTB for extrusion weld

Air Tests; 25 to 30 psi for 5 minutes, and no more than 2 psi loss.

Vacuum Box hold for 10 seconds.

Destructive samples require notification by 3:00 p.m. to FedEx for same day pick-up.

Repairs: Repairs should be made in a consistent manner and not jumping all around the cell.

Long caps can be either extrusion or wedge welded.

Layout: Just a reminder that the tri-planner geocomposite is directional. The as-built of the geomembrane must include the destruct and repair locations.

Numbering Systems: Numbering panels would include S for secondary and P for primary.

5. WRITING ON GEOMEMBRANE

SCS stated writing on the geomembrane should include all the required information; such as name, date, time and machine data.

White out pens are normally used to write on the geomembrane and black felt tip markers for the GCL or geocomposites.

As the panels of GCL or geocomposites are placed the roll numbers need to be written on the panels, SCS would give the panel numbers.

6. ARCHIVE SAMPLES

Archive samples are to remain with Comanco until the completion of the liner layers.

7. SUBMITTALS

SCS stated the submittals are up to date.

8. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

Comanco stated after this meeting Comanco is going to have a safety meeting for all their employees on site.

SCS requested Comanco relate to their men that the possibility of alligators could be seen in the ponds and that the alligators are not to be fed or molested.

9. DISCUSSION

SCS opened the meeting for items of discussion by Comanco.

Comanco stated the surveyor would be supplying the as-built drawings as they become available.

Comanco stated all the GCL would get 6 inch overlap and bentonite on all sides.

Comanco stated all repairs for GCL and geocomposite would be documented with locations. There would be an as-built for the GCL and geocomposite. Repairs would be defined as needing a piece cut out and replaced.

Comanco inquired about the seaming of the rain tarp. The two options are sewing or wedge welding. Comanco stated they prefer sewing with a "J" seam.

Comanco requested after the meeting we look at the drawings together one more time.

Comanco stated they are ready to go as soon as FDEP provides the Permit Modification to Hardee County.

A taped record of this meeting is available.

This meeting is adjourned at 10:48 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 15

January 10, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 15. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 15 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 15 for Hardee County Phase II Section I Landfill Expansion. The date is January 10, 2007 and the time is 11:04 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 15 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson
- Stuart Taylor

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 14 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 14 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 14.

Comanco inquired of any word from FDEP regarding the Construction Permit Modification or the plantings in the SWMA littoral zone.

SCS stated they did not receive information on either item.

Comanco inquired if SCS passed the payment request to the County.

SCS stated they have that item to give the County after the meeting.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated the only change to the schedule is to move the start date for the GCL installation and related items one week later.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they began filling in the west temporary dewatering pond. Comanco is expecting the stormwater structures and intend to begin those installations. Comanco might do some work on the cell perimeter ditch.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and depending on the liner work and weather maybe Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of structures and # 4 river rock.

The surveyors and Nodarse for subcontractors would be on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

Comanco inquired about the finishing of the west dewatering pond area.

SCS and the County agreed that after the area is leveled out and the top soil is replaced the vegetation should regenerate itself. We would look at that at a later date.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

SCS stated SCS did not receive any new RFI's except for the issue of the plantings in the SWMA littoral zone.

6. CONTRACTOR ISSUES

Comanco inquired about the ditch on the west side of section 2 because the haul trucks might be removed from the site.

SCS stated they would make contact again with the environmental group.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

Weekly Construction Progress Meeting No. 15

January 10, 2007

Page 4

SCS stated the next meeting would be Wednesday, January 17, 2007 at 11:00 a.m.
A taped record of this meeting is available.

This meeting is adjourned at 11:22 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 16

January 24, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 16. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 16 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 16 for Hardee County Phase II Section I Landfill Expansion. The date is January 24, 2007 and the time is 11:08 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 16 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson
- Rishi Vasudeva

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 15 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 15 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 15.

Comanco inquired about the final signatures on the change orders.

SCS stated they have the change orders and would finalize them after the meeting.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed the updated project schedule.

Comanco stated there were no changes to the critical path elements of the schedule. The only change was the addition of the plantings in the SWMA.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the liner installation and should complete that item next week. Comanco is expecting to begin the leachate collection system and the sand layer. The plantings in the SWMA should be done by the end of next week.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco plans not to work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of sand. Once the road area is ready at the cell the shell rock would be delivered for direct placement and not stockpiled.

The surveyors and the planting crew for subcontractors would be on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

CONSTRUCTION CONFLICTS

No conflicts were indicated.

4. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

SCS stated SCS did not receive any new RFI's.

5. CONTRACTOR ISSUES

No issues were indicated.

6. COUNTY ISSUES

The County stated they do not have any issues at this time.

7. ENGINEER'S ISSUES

SCS has no issues.

8. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

9. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, January 31, 2007 at 11:00 a.m.
A taped record of this meeting is available.

This meeting is adjourned at 11:21 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 17

January 31, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 17. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 17 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 17 for Hardee County Phase II Section I Landfill Expansion. The date is January 31, 2007 and the time is 11:09 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 17 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 16 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 16 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 16.

No unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated there were no changes to the schedule at this time. All work is proceeding according to the schedule or even ahead of schedule. Comanco is not sure at this point when to have Florida Jet Clean on site to complete their video survey.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the liner installation and should complete that item tomorrow. Comanco is expecting to work on the leachate collection system and the sand layer. The plantings in the SWMA should begin tomorrow and be done by the end of this week.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco plans not to work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of sand. Once the road area is ready at the cell the shell rock would be delivered for direct placement and not stockpiled.

The surveyors and the planting crew for subcontractors would be on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would supply information for the sand and shell rock.

SCS stated SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, February 7, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:18 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 18

February 7, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 18. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 18 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 18 for Hardee County Phase II Section I Landfill Expansion. The date is February 7, 2007 and the time is 11:07 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 18 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting.

Audiotapes are available for review.

The draft of Progress Meeting No. 17 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 17 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 17.

No unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed an updated project schedule showing the progress.

Comanco stated there were no changes to the schedule at this time. The sand installation is ahead of schedule. All other work is proceeding according to the schedule or even ahead of schedule.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue with the sand and the leachate collection system installation. Comanco is expecting to work on the dividing berm and rain tarp. Comanco might work on the road and the ditch next to the south edge of the cell. Comanco might have some grassing in the west dewatering pond area.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday and Comanco plans not to work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of sand and the control panels for the detection and leachate collection pumps. Comanco expects Florida Jet Clean on site to finish the ground water collection pipe system and the detection and leachate collection piping. The surveyors would be on site for lay-out and as-built surveys. The seed and sod crew should be on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they believe the submittals are up to date.

Comanco stated they would have Nodarse collect another sample when the shell rock starts being delivered to the site.

SCS stated SCS did not receive any RFI's.

6. CONTRACTOR ISSUES

Comanco reminded the County they would need the used tires from the stockpile for the rain tarp.

The County stated they would not have the collector pick-up the car tires.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, February 14, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:16 a.m.

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: February 15, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
1	COMANCO Installer Information	02776-6 1.04.B.1 1.04.B.2 1.04.B.4 1.04.B.5	8/14/2006	NE NE NE NE	8/23/2006
2	TENAX Tri-Planar Geocomposite Manufacturer Product Information TENAX TenDrain 770-2 Samples (5)	02930-1 1.03.B.2 1.03.B.4 1.03.B.6 1.03.B.7 1.03.B.8 1.03.B.9.11	8/21/2006 8/14/2006	RRR NE NE NE NE NE	8/24/2006 8/23/2006
3	GSE Geomembrane Manufacturer Product Information GSE HD Textured HDPE Liner 60 mil Samples (5)	02776-5 1.04.A.1 1.04.A.6 1.04.A.13 1.04.A.14	8/17/2006	NE NE NE NE	8/23/2006
4	GSE Bi-Planar Geocomposite Manufacturer Product Information GSE PermaNet HL Samples (4)	02931-1 1.03.B.1 1.03.B.4 1.03.B.5 1.03.B.6 1.03.B.7 1.03.B.8	8/17/2006	RRR NE NE NE NE NE	8/23/2006
5	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 600	02930-3 1.03.C 1.03.B.10 02930-1 1.03.B.2	8/21/2006 8/21/2006	NE NE NE	8/24/2006 8/24/2006
6	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 601	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
7	GSE Liner Manufacturer Quality Control Results	02776	email	NE	9/4/2006
8	RH Moore & Company Supplemental Specifications	01568-2 2.01-A	8/25/2006	NE	9/19/2006
9	GSE Geomembrane Manufacturing Quality Control Results	02776-7 1.04.C 1.04.D 1.04.E,F	8/31/2006	NE NE NE	9/19/2006
10	Raven Industries Technical Specifications	02941-1 1.02-A,B,C	9/5/2006	NE	9/19/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: February 15, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
11	Comanco Bid Security Bond	0100-13	9/18/2006	NE	9/19/2006
12	Comanco Safety Plan	0700-29	9/18/2006	NE	10/9/2006
13	Sligo Systems (Resubmitted No. 34 NE)	11200-2 1.03.A 1.03.B	9/18/2006	RR	10/10/2006
14	Construction Schedule	01311-1	9/20/2006	NE	10/18/2006
15	Photographic Record	01050-5	9/20/2006	NE	10/9/2006
16	Daily Force Report	01300-8 1.14	9/26/2006	NE	10/9/2006
17	Verification of Accuracy of Drawings and Specifications	0830-4	9/26/2006	RN	10/9/2006
18	Dewatering Plan	00800 B.4.c	9/26/2006	NE	10/9/2006
19	Erosion and Sedimentation Control	02140-1 1.03.A	9/26/2006	NE	10/9/2006
20	Pipe Systems	15060-1 1.03.A 1.03.B 1.03.C 1.03.D 1.03.E 1.03.F 1.03.G	9/26/2006	NE NE NE NE NE NE NE	10/9/2006
21	Groundwater Collection System Rock	02220-5 2.05.A 2.05.B	9/26/2006 email	NE NE	10/9/2006
22	COMANCO Safety Plan Trenching and Excavation Confined Space Plans	02220-2 1.06 A 1.06 B	9/28/2006	RN RN	10/9/2006
23	Qualification of Geotechnical Consultant	02220-4 1.06 D	9/28/2006	NE	10/9/2006
24	CQC Plan	02212-2 1.03.B	10/11/2006	RRR	10/17/2006
24A	CQC Plan	02212-2 1.03.B	10/24/2006	NE	10/26/2006
25	Protective/Drainage Sand Layer	02220-5 2.06.A	10/11/2006	NE	10/19/2006
26	Project Managers Monthly Report	01300-7 1.10	10/11/2006	NE	10/17/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: February 15, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
27	Manufacturer Product Information	02077-4 1.05.A 1.05.B 1.05.C 1.05.H 1.05.I	10/16/2006	NE	11/2/2006
28	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
29	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
30	Chastain Skillman Pre-Condition Survey	01050-2 1.04 C.1	11/1/2006	NE	11/2/2006
31	Nodarse & Ass., Inc Testing Requirements During Placement	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/1/2006	NE	12/5/2006
32	Photographic Record 48 Pictures	01050-5 3.06B	11/6/2006	NE	11/21/2006
33	Nodarse & Ass., Inc. Testing Requirements During Placement/OnSite testing Report	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/6/2006	NE	12/5/2006
34	Sligo Systems Pumps	11200-2 1.03A 1.03B 1.03C 1.03D	11/6/2006	NE	12/8/2006
35	Nodarse & Ass. Inc.	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/17/2006	NE	12/5/2006
36	Fiberglass Wet Well And Accessories	11202-2 2.01A.1	11/17/2006	NE	11/21/2006
37	COMANCO Project Manager's Monthly Report	01300-7 1.10	11/17/2006	NE	11/21/2006
38	CETCO Lining Interface Friction Reports	02077-6 2.01G	11/17/2006	NE	12/5/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: February 15, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
		2.01H 2.01I			
39	CETCO Lining Preliminary Permeability Results	02077-6 2.01J	11/17/2006	NE	12/5/2006
40	CETCO Lining Permeability Results	02077-6 2.01J	12/4/2006	NE	12/8/2006
41	CETCO Lining Manufacturer QC/QA Information	02077-4 1.05F	12/4/2006	NE	12/11/2006
42	Nodarse & Ass. Inc. Testing Requirements during Placement Report -8	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
43	Nodarse & Ass. Inc. Testing Requirements during Placement Report -9	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
44	Bi-Planar Panel Layout Detail	02931-1 1.03B.3	12/8/2006	NE	12/11/2006
45	Tri-Planar Panel Layout Detail	02930-1 1.03B.3	12/8/2006	NE	12/11/2006
46	Geomembrane Panel Layout Detail	02776-6 1.04B.3	12/8/2006	NE	12/11/2006
47	GCL Panel Layout Detail	02077-5 1.05.N	12/8/2006	NE	12/11/2006
48	Nodarse & Ass. Inc. Testing Requirements during Placement Report -10	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	1/9/2007	NE	1/12/2007
49	Nodarse & Ass. Inc. Testing Requirements during Placement Report -11	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	1/9/2007	NE	1/12/2007
50	Nodarse & Ass. Inc. Testing Requirements during Placement Report -12	02220-10 3.09A 3.09B	1/12/2007	NE	1/15/2007

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: February 15, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
		3.09C 3.09D 3.09E			
51	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 602	02930-3 1.03.C 1.03.B.10 02930-1 1.03.B.2	1/15/2007	NE	1/23/2007
52	Nodarse & Ass. Inc. Testing Requirements during Placement Report -14	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	1/22/2007	NE	1/23/2007
53	Chastain Skillman Record Survey (Subbase)	01050-2 1.04 C.5	1/24/2007	NE	1/25/2007
54	TENAX Lining Interface Friction Reports	02930-1 1.03.B.11	1/24/2007	NE	1/25/2007

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 2/15/07

File Name	Date	Description
Hardee020707 007	1/15/07	Secondary liner installation - photo looking south.
Hardee020707 009	1/15/07	GCL and liner installation - photo looking north.
Hardee020707 012	1/16/07	GCL and secondary liner installation - photo looking northeast.
Hardee020707 013	1/16/07	GCL and secondary liner installation - photo looking southwest.
Hardee020707 014	1/16/07	GCL and secondary liner installation - photo looking south.
Hardee020707 015	1/16/07	GCL and secondary liner installation - photo looking southwest.
Hardee020707 016	1/16/07	GCL installation - photo looking southeast.
Hardee020707 023	1/17/07	Secondary liner installation - photo looking northwest.
Hardee020707 024	1/17/07	GCL and secondary liner installation - photo looking north.
Hardee020707 025	1/17/07	GCL and secondary liner installation - photo looking east.
Hardee020707 026	1/17/07	GCL and liner installation - photo looking north.
Hardee020707 027	1/17/07	GCL and secondary liner installation - photo looking southeast.
Hardee020707 028	1/17/07	GCL and secondary liner installation - photo looking southeast.
Hardee020707 029	1/17/07	Secondary liner installation - photo looking south.
Hardee020707 032	1/18/07	Stormwater discharge structure installation - photo looking east.
Hardee020707 037	1/18/07	Secondary liner installation - photo looking northeast.
Hardee020707 041	1/18/07	Stormwater discharge structure installation - photo looking east.
Hardee020707 042	1/18/07	Stormwater discharge structure installation - photo looking east.
Hardee020707 043	1/19/07	Triplanar installation - photo looking northeast.

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 2/15/07

File Name	Date	Description
Hardee020707 044	1/19/07	Triplanar installation - photo looking east.
Hardee020707 046	1/20/07	Stormwater discharge structure installation - photo looking north.
Hardee020707 055	1/22/07	Triplanar installation - photo looking southeast.
Hardee020707 056	1/22/07	Triplanar installation - photo looking south.
Hardee020707 057	1/23/07	Triplanar installation - photo looking southeast.
Hardee020707 058	1/23/07	Triplanar installation - photo looking south.
Hardee020707 059	1/23/07	Triplanar installation - photo looking southwest.
Hardee020707 062	1/23/07	Weir installation - photo looking northwest.
Hardee020707 069	1/24/07	Primary liner installation - photo looking west.
Hardee020707 079	1/30/07	Biplanar installation - photo looking southwest.
Hardee020707 080	1/30/07	Primary liner/biplanar/sand installation - photo looking south.
Hardee020707 083	2/1/07	24-inch protective cover placement and leachate collection pipe - photo looking east.
Hardee020707 087	2/1/07	24-inch protective cover placement - photo looking southwest.
Hardee020707 088	2/1/07	24-inch protective cover placement - photo looking south.
Hardee020707 089	2/1/07	24-inch protective cover placement - photo looking southeast.

Hardee County Landfill Phase II Section I Landfill Expansion Construction

Hardee County, Florida

File No. 09199033.16

Monthly Report Photos 2/15/07

Hardee021407 002	2/8/07	24-inch protective cover placement - photo looking north.
Hardee021407 002	2/13/07	24-inch protective cover placement - photo looking northeast.

Photograph Hardee020707 007



Photograph Hardee020707 009



Photograph Hardee020707 012



Photograph Hardee020707 013



Photograph Hardee020707 014



Photograph Hardee020707 015



Photograph Hardee020707 016



Photograph Hardee020707 023



Photograph Hardee020707 024



Photograph Hardee020707 025



Photograph Hardee020707 026



Photograph Hardee020707 027



Photograph Hardee020707 028



Photograph Hardee020707 029



Photograph Hardee020707 032



Photograph Hardee020707 037



Photograph Hardee020707 041



Photograph Hardee020707 042



Photograph Hardee020707 043



Photograph Hardee020707 044



Photograph Hardee020707 046



Photograph Hardee020707 055



Photograph Hardee020707 056



Photograph Hardee020707 057



Photograph Hardee020707 058



Photograph Hardee020707 059



Photograph Hardee020707 062



Photograph Hardee020707 069



Photograph Hardee020707 079



Photograph Hardee020707 080



Photograph Hardee020707 083



Photograph Hardee020707 087



Photograph Hardee020707 088



Photograph Hardee020707 089



Photograph Hardee021407 002



Photograph Hardee021407 004




SCS ENGINEERS

**Dept. of Environmental
Protection**

January 15, 2007
File No. 09199033.16

JAN 16 2007

Susan J. Pelz, P.E. 
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Southwest District

Subject: Monthly Progress Report - December 15, 2006 to January 15, 2007
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01


Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report per Specific Condition Number B.6.b of the construction permit for the Hardee County Landfill Phase II Section I Landfill Expansion Construction. The attached monthly report covers the month of December 15, 2006 to January 15, 2007 and includes the following:

- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
- 2) A summary of submittals and change order requests.
- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September 2006.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS



C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County
Offices Nationwide

JAN 16 2007

Susan J. Pelz, P.E.
January 15, 2007
Page 2

Southwest District

1. SUMMARY OF ACTIVITIES DECEMBER 15, 2006 TO JANUARY 15, 2007

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from December 15, 2006 to January 15, 2007 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 8, 2007.
- Final Completion of the project was established as March 10, 2007.
- Change Order Number One to adjust the contract for the quantities of 12-inch groundwater pipe, subbase material, riprap and topsoil, sodding, seeding, and mulching has been approved providing Comanco an additional seven calendar days for Substantial Completion and Final Completion of the project.
- New Substantial Completion date as a result of Change Order Number One for the project is established as February 15, 2007.
- New Final Completion date as a result of Change Order Number One for the project is established as March 17, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

Please refer to the construction schedule provided by Comanco Environmental Corporation (COMANCO) contained in Attachment A.

- Groundwater control system was completed approximately December 18, 2006.
- Video inspection of the groundwater control system was completed approximately December 20, 2006.
- Began installing connection from stormwater management pond to east-west swale in north corner and lining with rip rap on approximately December 27, 2006.
- The stormwater management pond regrading and sodding of the east section was completed approximately December 28, 2006. The western section of the stormwater management pond regrading was is ongoing.

- Planting of the stormwater littoral zone is scheduled to begin approximately the end of January 2007.
- A liner pre-installation meeting was held of January 8, 2007.
- Began filling in the western temporary construction dewatering pond on approximately January 10, 2007.
- Began cutting the liner anchor trench on January 11, 2007.
- Final grading of the cell subbase, proof rolling, in-place density testing and as-built surveying was completed on January 12, 2007.
- Received a modified construction permit 38414-008-SC/01 on January 12, 2007 for modification number 38414-010-SC/MM to include the installation of a geosynthetic clay liner (GCL) as apposed to the installation of a 6-inch low permeability clay layer.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

Attached at the end of the Weekly Construction Progress Meeting Summary Reports, contained in Attachment B, is a list of submittals reviewed to date by SCS for the project.

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment B contains summary reports for the following Weekly Construction Progress Meetings.

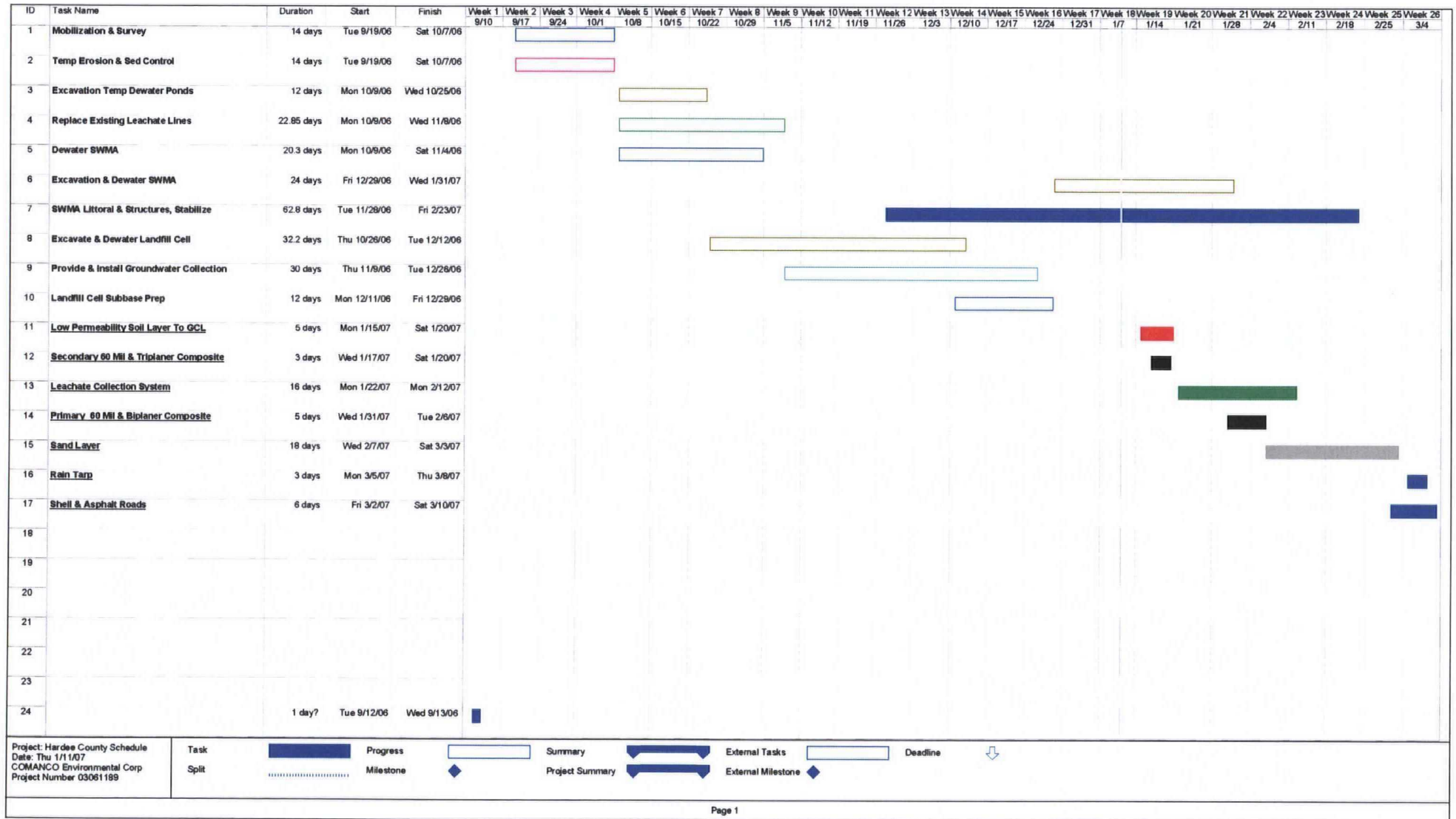
- Weekly Progress Meeting for December 13, 2006 not held due to Comanco construction schedule.
- Construction Progress Meeting Number 12 - December 20, 2006.
- Construction Progress Meeting Number 13 - December 27, 2006.
- Construction Progress Meeting Number 14 - January 3, 2007.

Construction Progress Meeting Number 15, held on January 10, 2007, will be included in the next monthly progress report to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment C.

ATTACHMENT A
CONSTRUCTION PROGRESS SCHEDULE



ATTACHMENT B
CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS
AND
CONSTRUCTION SUBMITTALS

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 12

December 20, 2006 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 12. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 12 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 12 for Hardee County Phase II Section I Landfill Expansion. The date is December 20, 2006 and the time is 11:17 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 12 was as follows:

A. Hardee County

- Ofelia Reyna

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 11 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 11 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 11.

Comanco inquired about the structure submittals.

SCS stated that they would work on them this afternoon on site.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated they do not have any changes at this time. Next week would be the time for the updated schedule. Work is ongoing according to the present schedule.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are working on the SWMA and grading the cell. Comanco plans to start the installation of the rip-rap flumes for the surface water controls. Florida Jet Clean is on site for jetting and video logging the ground water and leachate replacement pipes. Florida Jet Clean should finish this week.

Comanco stated Earth Balance would be on site this afternoon to look at the SWMA for the plantings and sod.

Comanco stated Florida Jet Clean is short on one pipe by about 100 feet and that is a function of their equipment. Florida Jet Clean would complete the survey on the next mobilization when the leachate pipes are installed.

Comanco inquired of how many copies of the video report is needed.

SCS stated 3 copies.

SCS inquired of Comanco's proposed working hours.

Comanco stated the schedule for Christmas is Saturday, Sunday and Monday off with Saturday, Sunday and Monday off for New Years. Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Tuesday through Friday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated there are 10 rolls of tri-planner geocomposite being delivered this week. The material is to be used as an extra layer under the leachate pipe runs of the secondary system. Hopefully we will not need any of this material but wanted to have the material available if needed.

Comanco stated they expect the reinforced concrete pipe Thursday or Friday. There is also a truck of rain tarp being delivered.

Comanco stated they expect delivery of # 4 river rock.

Subcontractors expected onsite will be Chastain, Nodarse and Earth Balance.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they would review the submittals for the structures.

SCS stated the results for the permeability of the GCL and ground water is good.

SCS stated they believe the submittals are up to date.

Comanco requested a copy of the DOT specifications for the mitered end sections.

SCS stated they would provide the information to Comanco.

SCS stated FDEP has been notified and all the tests that are required by the permit modification for the GCL are complete. SCS requested to start installing liner on December 26, 2006. FDEP has not responded to SCS's request for the early liner installation date.

Comanco stated even if Comanco were to be given notice to begin today; the earliest date they could begin to mobilize to the site would be January 2, 2007.

SCS stated SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No issues were indicated.

SCS stated the next meeting would be Wednesday, December 27, 2006 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:53 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 13

December 27, 2006 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 13. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 13 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 13 for Hardee County Phase II Section I Landfill Expansion. The date is December 27, 2006 and the time is 11:58 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 13 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson
- Juan Gomez

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 12 Minutes has not been distributed.

SCS stated the minutes would be distributed and if there are no comments the minutes of Progress Meeting No. 12 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 12.

Comanco inquired about the DOT specifications for the mitered end sections.

SCS stated they would supply the information.

Comanco distributed a CD with project aerial photos and a draft of the Florida JetClean report. Comanco stated the report might be missing some information but would assist Florida JetClean to produce the final report.

Comanco requested a clarification for the survey information on the west side of the cell.

SCS stated the points provided are the turn-down points at the anchor trench of the liner and the leachate collection pipe intersection.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed the updated project schedule. Comanco stated the liner installation crew would begin to mobilize on site January 8, 2007. The schedule has been adjusted accordingly for the delivery of the stormwater control structures.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are working on the SWMA and to complete the grading of the cell. Comanco plans to continue installation of the rip-rap flumes for the surface water control system. Comanco would like to fill in the west temporary dewatering pond. Comanco is scheduling to do the plantings in the littoral zone of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated the schedule for the New Year Holiday is Saturday, Sunday and Monday off. Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Tuesday through Friday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of # 4 river rock.

The surveyors, Nodarse and Earth Balance for subcontractors would be on site.

3. FIELD ORDERS

SCS stated Field Order No. 1 was supplied to Comanco to add rip-rap at the stormwater pipe from the rookery to the SWMA.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

Comanco stated they would supply new drawings for the structure submittal.

SCS stated they believe the submittals are up to date.

SCS inquired about the geotechnical tests and survey of the cell subbase.

Comanco stated they would follow up with that information.

SCS stated SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No issues were indicated.

SCS stated the next meeting would be Wednesday, January 3, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 12:33 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 14

January 3, 2007 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 14. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 14 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 14 for Hardee County Phase II Section I Landfill Expansion. The date is January 3, 2007 and the time is 11:04 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 14 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The drafts of Progress Meetings No. 12 and 13 Minutes have been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meetings No. 12 and 13 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 13.

Comanco inquired if SCS received the draft survey of the SWMA although it is not complete.

SCS stated they did not.

Discussion was held over the intent of the drawings for the liner installation in the northwest corner of the cell.

SCS stated how the tie-in is made depends on the existing liner when it is exposed.

SCS stated SCS gave Comanco the details of the DOT mitered end sections asked for in the last meeting.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated there are no changes to the schedule at this time.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are working on the storm water management system and completing the construction of the cell. Comanco is requesting a substitution in the plantings of the littoral zone in the SWMA.

SCS stated the plantings are something SCS could not give the go ahead to do but would contact FDEP.

SCS inquired if we receive the Permit Modification from FDEP on Friday, complete the as-built survey of the cell, the geotechnical tests by Nodarse and have our liner pre-installation meeting on Monday; when would Comanco be ready to begin the liner installation.

Comanco stated they would be ready on Tuesday.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of rip-rap and # 4 river rock.

The surveyors and Nodarse for subcontractors would be on site.

3. FIELD ORDERS

SCS stated no field orders were issued.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

Comanco delivered a draft copy of the Florida Jet Clean report to SCS for review. The final version would be available once all the pipes are logged at a later date.

The County inquired if all the lines were done.

Comanco stated all the they have installed to this point except for a short section.

SCS stated they believe the submittals are up to date.

SCS stated SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS has no issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

SCS stated the liner pre-installation meeting is scheduled for Monday, January 8, 2007 at 10:00 a.m.

Comanco stated their Health and Safety officer would also be on site Monday for their safety meeting.

SCS suggested if there is a possibility of night work that Comanco begin putting a night work plan together now.

Comanco stated that there would not be any night work.

No other issues were indicated.

SCS stated the next meeting would be Wednesday, January 10, 2007 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:46 a.m.

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: January 12, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
1	COMANCO Installer Information	02776-6 1.04.B.1 1.04.B.2 1.04.B.4 1.04.B.5	8/14/2006	NE NE NE NE	8/23/2006
2	TENAX Tri-Planar Geocomposite Manufacturer Product Information TENAX TenDrain 770-2 Samples (5)	02930-1 1.03.B.2 1.03.B.4 1.03.B.6 1.03.B.7 1.03.B.8 1.03.B.9.11	8/21/2006 8/14/2006	RRR NE NE NE NE NE	8/24/2006 8/23/2006
3	GSE Geomembrane Manufacturer Product Information GSE HD Textured HDPE Liner 60 mil Samples (5)	02776-5 1.04.A.1 1.04.A.6 1.04.A.13 1.04.A.14	8/17/2006	NE NE NE NE	8/23/2006
4	GSE Bi-Planar Geocomposite Manufacturer Product Information GSE PermaNet HL Samples (4)	02931-1 1.03.B.1 1.03.B.4 1.03.B.5 1.03.B.6 1.03.B.7 1.03.B.8	8/17/2006	RRR NE NE NE NE NE	8/23/2006
5	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 600	02930-3 1.03.C 1.03.B.10 02930-1 1.03.B.2	8/21/2006 8/21/2006	NE NE NE	8/24/2006 8/24/2006
6	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 601	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
7	GSE Liner Manufacturer Quality Control Results	02776	email	NE	9/4/2006
8	RH Moore & Company Supplemental Specifications	01568-2 2.01-A	8/25/2006	NE	9/19/2006
9	GSE Geomembrane Manufacturing Quality Control Results	02776-7 1.04.C 1.04.D 1.04.E,F	8/31/2006	NE NE NE	9/19/2006
10	Raven Industries Technical Specifications	02941-1 1.02-A,B,C	9/5/2006	NE	9/19/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: January 12, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
11	Comanco Bid Security Bond	0100-13	9/18/2006	NE	9/19/2006
12	Comanco Safety Plan	0700-29	9/18/2006	NE	10/9/2006
13	Sligo Systems (Resubmitted No. 34 NE)	11200-2 1.03.A 1.03.B	9/18/2006	RR	10/10/2006
14	Construction Schedule	01311-1	9/20/2006	NE	10/18/2006
15	Photographic Record	01050-5	9/20/2006	NE	10/9/2006
16	Daily Force Report	01300-8 1.14	9/26/2006	NE	10/9/2006
17	Verification of Accuracy of Drawings and Specifications	0830-4	9/26/2006	RN	10/9/2006
18	Dewatering Plan	00800 B.4.c	9/26/2006	NE	10/9/2006
19	Erosion and Sedimentation Control	02140-1 1.03.A	9/26/2006	NE	10/9/2006
20	Pipe Systems	15060-1 1.03.A 1.03.B 1.03.C 1.03.D 1.03.E 1.03.F 1.03.G	9/26/2006	NE NE NE NE NE NE NE	10/9/2006
21	Groundwater Collection System Rock	02220-5 2.05.A 2.05.B	9/26/2006 email	NE NE	10/9/2006
22	COMANCO Safety Plan Trenching and Excavation Confined Space Plans	02220-2 1.06 A 1.06 B	9/28/2006	RN RN	10/9/2006
23	Qualification of Geotechnical Consultant	02220-4 1.06 D	9/28/2006	NE	10/9/2006
24	CQC Plan	02212-2 1.03.B	10/11/2006	RRR	10/17/2006
24A	CQC Plan	02212-2 1.03.B	10/24/2006	NE	10/26/2006
25	Protective/Drainage Sand Layer	02220-5 2.06.A	10/11/2006	NE	10/19/2006
26	Project Managers Monthly Report	01300-7 1.10	10/11/2006	NE	10/17/2006

¹ Status Legend

NE - No Exception Taken

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NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: January 12, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
27	Manufacturer Product Information	02077-4 1.05.A 1.05.B 1.05.C 1.05.H 1.05.I	10/16/2006	NE	11/2/2006
28	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
29	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
30	Chastain Skillman Pre-Condition Survey	01050-2 1.04 C.1	11/1/2006	NE	11/2/2006
31	Nodarse & Ass., Inc Testing Requirements During Placement	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/1/2006	NE	12/5/2006
32	Photographic Record 48 Pictures	01050-5 3.06B	11/6/2006	NE	11/21/2006
33	Nodarse & Ass., Inc. Testing Requirements During Placement/OnSite testing Report	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/6/2006	NE	12/5/2006
34	Sligo Systems Pumps	11200-2 1.03A 1.03B 1.03C 1.03D	11/6/2006	NE	12/8/2006
35	Nodarse & Ass. Inc.	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/17/2006	NE	12/5/2006
36	Fiberglass Wet Well And Accessories	11202-2 2.01A.1	11/17/2006	NE	11/21/2006
37	COMANCO Project Manager's Monthly Report	01300-7 1.10	11/17/2006	NE	11/21/2006
38	CETCO Lining Interface Friction Reports	02077-6 2.01G	11/17/2006	NE	12/5/2006

¹ Status Legend

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 AR - Amend and Resubmit
 NR - Not Reviewed
 RN - Reviewed with Comments as Noted

MC - Make Corrections Noted
 RRR - Rejected, Contractor must Revise and Resubmit
 RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: January 12, 2007, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
		2.01H 2.01I			
39	CETCO Lining Preliminary Permeability Results	02077-6 2.01J	11/17/2006	NE	12/5/2006
40	CETCO Lining Permeability Results	02077-6 2.01J	12/4/2006	NE	12/8/2006
41	CETCO Lining Manufacturer QC/QA Information	02077-4 1.05F	12/4/2006	NE	12/11/2006
42	Nodarse & Ass. Inc. Testing Requirements during Placement Report -8	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
43	Nodarse & Ass. Inc. Testing Requirements during Placement Report -9	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
44	Bi-Planar Panel Layout Detail	02931-1 1.03B.3	12/8/2006	NE	12/11/2006
45	Tri-Planar Panel Layout Detail	02930-1 1.03B.3	12/8/2006	NE	12/11/2006
46	Geomembrane Panel Layout Detail	02776-6 1.04B.3	12/8/2006	NE	12/11/2006
47	GCL Panel Layout Detail	02077-5 1.05.N	12/8/2006	NE	12/11/2006
48	Nodarse & Ass. Inc. Testing Requirements during Placement Report -10	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	1/9/2007	NE	1/12/2007
49	Nodarse & Ass. Inc. Testing Requirements during Placement Report -11	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	1/9/2007	NE	1/12/2007

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NE - No Exception Taken
 AR - Amend and Resubmit
 NR - Not Reviewed
 RN - Reviewed with Comments as Noted

MC - Make Corrections Noted
 RRR - Rejected, Contractor must Revise and Resubmit
 RR - Revise and Resubmit

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Photograph Hardee010807 010



Photograph Hardee010807 011



Photograph Hardee010807 012



Photograph Hardee010807 013



Photograph Hardee010807 015



Photograph Hardee010807 016



Photograph Hardee010807 017



Photograph Hardee010807 018



Photograph Hardee010807 019



Photograph Hardee010807 020



Photograph Hardee010807 021



Photograph Hardee010807 025



Photograph Hardee011107 026



Photograph Hardee010807 028



Photograph Hardee011107 031



Photograph Hardee010807 032



Is the gutter
interception
already
installed
below this
layer?

Photograph Hardee011107 034



Photograph Hardee010807 035



Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16

Photograph Hardee011107 037



Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 1/15/07

File Name	Date	Description
Hardee010807 010	12/11/2006	Stormwater management area - Photo looking northwest.
Hardee010807 011	12/18/2006	Stormwater management area - Photo looking west.
Hardee010807 012	12/18/2006	Stormwater management area - Photo looking west.
Hardee010807 013	12/18/2006	Stormwater management area - Photo looking east.
Hardee010807 015	12/19/2006	Stormwater management area - Photo looking west.
Hardee010807 016	12/19/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
Hardee010807 017	12/19/2006	Temporary Construction Dewatering Ponds and expansion - Photo looking southwest.
Hardee010807 018	12/27/2006	Rip rap placement in stormwater management area - Photo looking north.
Hardee010807 019	12/27/2006	Stormwater management area - Photo looking east.
Hardee010807 020	12/27/2006	Stormwater management area - Photo looking northeast.
Hardee010807 021	12/27/2006	Stormwater management area - Photo looking northwest.
Hardee010807 025	12/29/2006	Stormwater management area - Photo looking east.
Hardee011107 026	12/29/2006	Stormwater management area - Photo looking east.
Hardee011107 028	1/3/2007	Stormwater management area rip rap - Photo looking south.
Hardee011107 031	1/11/2007	Filling in temporary Construction Dewatering Pond (West) - Photo looking south.
Hardee011107 032	1/11/2007	Filling in temporary Construction Dewatering Pond (West) - Photo looking southwest.
Hardee011107 034	1/11/2007	Anchor trench placement west end of cell - Photo looking north.
Hardee011107 035	1/11/2007	Anchor trench placement south end of cell - Photo looking east.
Hardee011107 037	1/11/2007	Stormwater management area - Photo looking north.

SCS ENGINEERSDept. of
Protection

DEC 13 2006

Southwest District

December 11, 2006
File No. 09199033.16Susan J. Pelz, P.E.
Solid Waste Program Manager
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637

Subject: Hardee County Phase II Section I Construction Expansion
Interface Friction Angle Test Results
Construction Permit No. 3814-008-SC/01
Hardee County Landfill Facility

Dear Susan:

Per Specific Condition B.4.b of Construction Permit No. 38414-008-SC/01 and also the Draft Permit dated November 29, 2006 that includes Modification No. 38414-010-SC/MM "At least 30 days prior to initiation of installation of the geosynthetics, the results of the interface friction testing using actual construction materials shall be submitted to the Department. The results must demonstrate that each liner system interface exhibits a minimum safety factor of 1.5 against sliding. Placement of the GCL shall not proceed prior to the Engineer's receipt of the results of the interface friction testing which meet the requirements of this condition."

SCS has received the following interface friction angle test results for the materials required from the contractor (Comanco) as required by the technical specifications and the results all meet the permit requirement of at least 20.5 degrees which therefore also meet the minimum safety factor of 1.5 against sliding. The interface friction angle test results are as follows. Copies of the reports are contained in Attachment A of this letter.

- GCL Internal Shear - 39.4 degrees
- GCL vs. Subbase Soil - 21.6 degrees
- GCL vs. Liner - 22.6 degrees
- Tri-planar CDN vs. Liner - 21.0 degrees with 122 psf adhesion
- Bi-planar CDN vs. Liner - 21.3 degrees
- Bi-planar CDN vs. Drainage Sand - 28.1 degrees with 180 psf adhesion

SCS has received the following interface friction angle test results for the materials required for the CQA conformance testing as required by the technical specifications. The test results all meet the permit requirement of at least 20.5 degrees which therefore also meet the minimum safety factor of 1.5 against sliding. The CQA interface friction angle test results are as follows. Copies of the reports are contained in Attachment B of this letter.



Ms. Susan Pelz, P.E.
December 11, 2006
Page 2

- GCL Internal Shear - 32.5 degrees with 1,563 psf adhesion
- GCL vs. Subbase Soil - 23.6 degrees
- GCL vs. Liner - 22.0 degrees

A more precise schedule for the installation of the Geosynthetic Clay Liner (GCL) and geosynthetics is being determined at this time. Therefore, on behalf of the Hardee County Board of County Commissioners (BOCC) SCS is requesting approval to begin the installation of the geosynthetics earlier than the 30 days as stipulated in Specific Condition B.4.b. of Construction Permit No. 38414-008-SC/01 and also the Draft Permit dated November 29, 2006 that includes Modification No. 38414-010-SC/MM.


Also, the County published the Notice of Proposed Agency Action on December 6, 2006 regarding the permit modification to utilize a GCL instead of the 6-inch low permeability soil subbase. The County will provide within seven days of the publication proof of the publication to the Department. Petitions for an administrative proceeding may be filed within 14 days of publication of the notice, or by the end of the day on December 20, 2006. Therefore, if no petitions are filed prior to this date SCS on behalf of the Hardee County BOCC is requesting approval from the Department to begin installation of the GCL and geosynthetic materials shortly after the deadline for filing a petition.

Please do not hesitate to call should you have any questions or require additional information.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS


for C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

cc: Teresa Carver, Hardee County Solid Waste Director

SRF/CEH:srf

ATTACHMENT A

COMANCO INTERFACE FRICTION ANGLE TEST RESULTS



DEC 13 2006

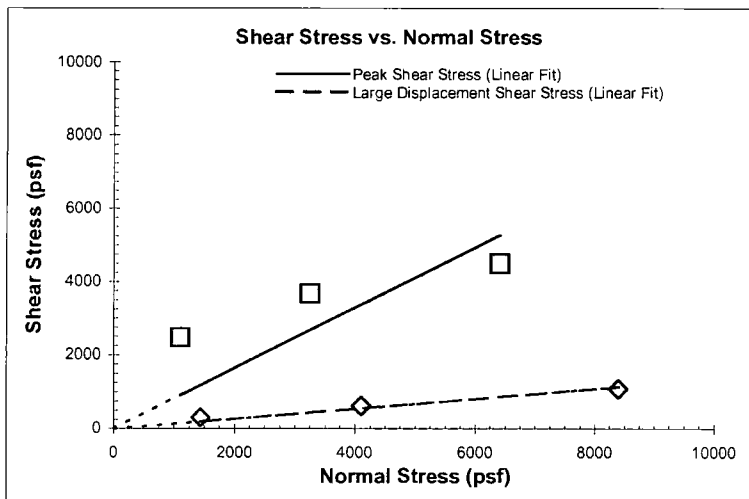
Interface Friction Test Report

Client: **Comanco Environmental**
Project: **Hardee County**
Test Date: 10/26/06-10/30/06

TRI Log#: E2243-78-07
Test Method: ASTM D 6028

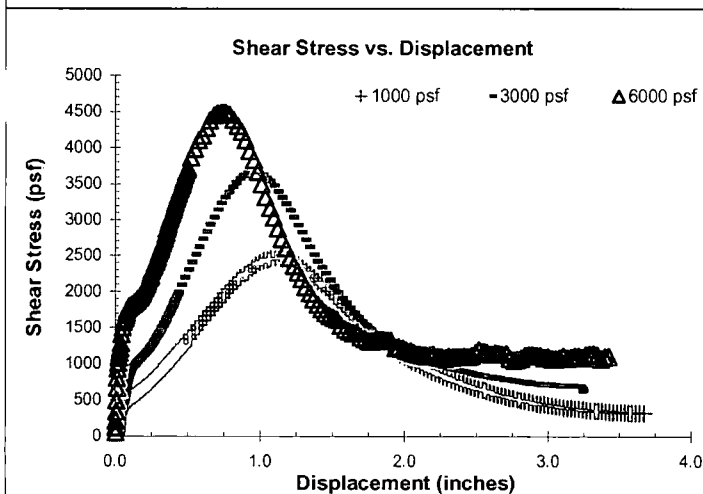
John M. Allen, E.I.T., 11/06/2006
Quality Review/Date

Tested Interface: Internal Shear of the Bentomat ST GCL



Test Results		
	Peak	Large Displacement (@ 3.5 in.)
Friction Angle (degrees):	39.4	7.8
Y-intercept or Adhesion (psf):	0	0

Regression friction angles include the origin.



Test Conditions	
Upper Box &	Bentomat ST GCL
Lower Box	Bentomat ST GCL
Box Dimensions: 12"x12"x4"	
Interface Conditioning:	Interface soaked and loading applied for a minimum of 24 hours prior to shear.
Test Condition: Wet	
Shearing Rate: 0.04 inches/minute	

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Area Corrected Normal Stress (psf)	1101	3248	6406
Area Corrected Peak Shear Stress (psf)	2465	3677	4488
Area Corrected Large Displacement Normal Stress (psf)	1440	4100	8397
Area Corrected Large Displacement Shear Stress (psf)	318	632	1097
Peak Secant Angle (degrees)	65.9	48.5	35.0
Large Displacement Secant Angle (degrees)	16.1	11.0	9.7
Asperity (mils)			

Soil Characterization	
USCS:	Proctor Type:
LL:	Max. Dry Density (pcf):
PL:	Optimum Moisture Content:

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



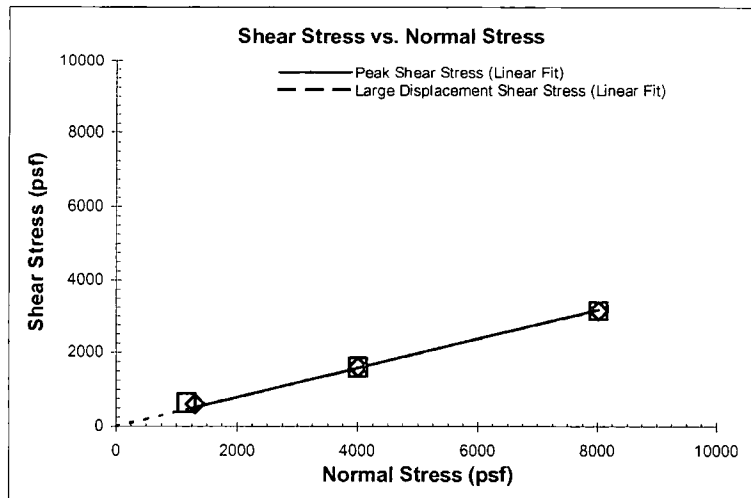
Interface Friction Test Report

Client: **Comanco Environmental**
Project: **Hardee County**
Test Date: 11/06/06-11/07/06

TRI Log#: E2243-78-07
Test Method: ASTM D 6243

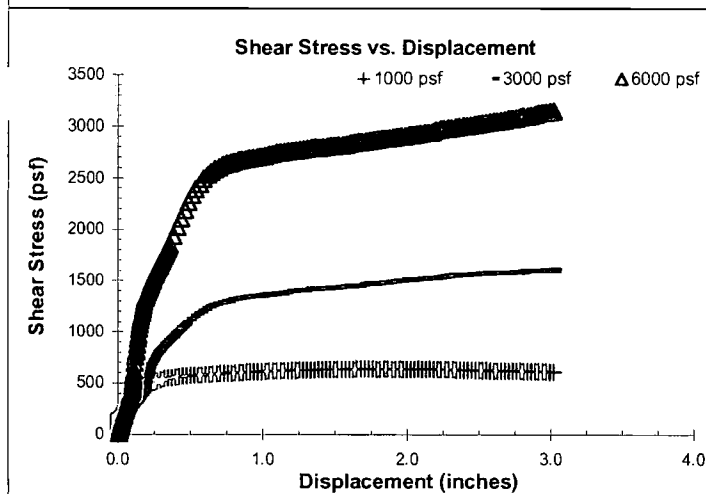
John M. Allen, E.I.T., 11/07/2006
Quality Review/Date

Tested Interface: Bentomat ST GCL vs. Subbase Soil



Test Results		
	Peak	Large Displacement (@ 3.0 in.)
Friction Angle (degrees):	21.6	21.6
Y-intercept or Adhesion (psf):	0	0

Results include an area correction.



Test Conditions	
Upper Box &	Bentomat ST GCL (non-woven side)
Lower Box	Subbase Soil remolded to 110.3 pcf at 12.4%.
Box Dimensions:	12"x12"x4"
Interface Conditioning:	Interface soaked and loading applied for a minimum of 24 hours prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Area Corrected Normal Stress (psf)	1169	4006	8017
Area Corrected Peak Shear Stress (psf)	639	1606	3147
Area Corrected Large Displacement Normal Stress (psf)	1306	4006	8017
Area Corrected Large Displacement Shear Stress (psf)	607	1606	3147
Peak Secant Angle (degrees)	28.7	21.8	21.4
Large Displacement Secant Angle (degrees)	27.4	21.8	21.4

Soil Characterization performed by TRI/Environmental		
USCS:	Proctor Type:	standard
LL:	Max. Dry Density (pcf):	116.1
PL:	Optimum Moisture Content:	12.4

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

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3,000



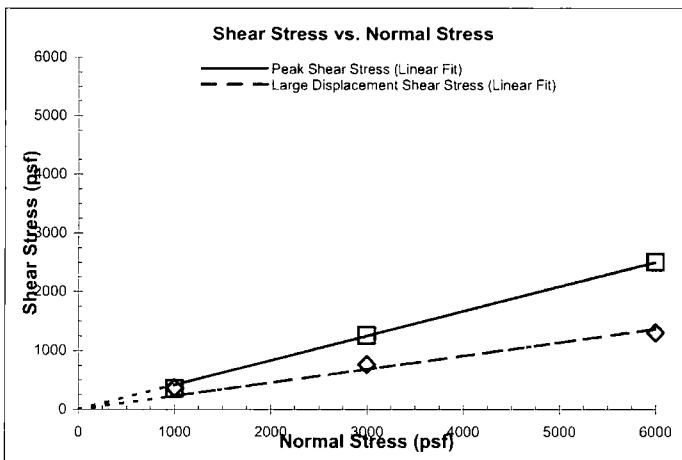
Interface Friction Test Report

Client: **Comanco Environmental**
Project: **Hardee County**
Test Date: 10/23/06-10/24/06

TRI Log#: E2243-78-07
Test Method: ASTM D 6243

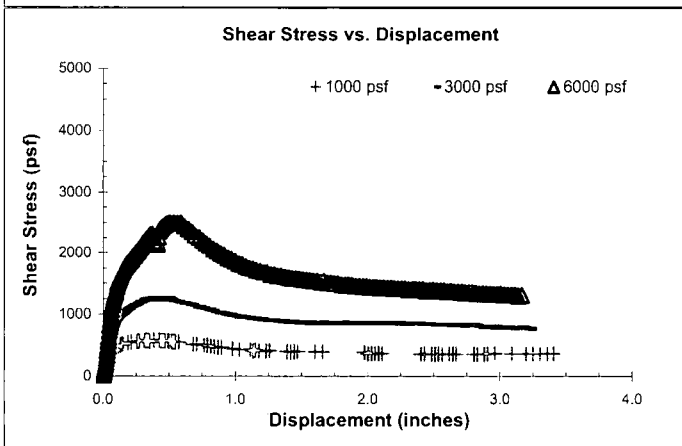
John M. Allen, E.I.T., 10/24/2006
Quality Review/Date

Tested Interface: Bentomat ST GCL vs. GSE 60 mil HDPE Textured Geomembrane



Test Results		
	Peak	Large Displacement (@ 3.1 in.)
Friction Angle (degrees):	22.6	10.6
Y-intercept or Adhesion (psf):	0	186

Note: Regression friction angles include the origin.



Test Conditions	
Upper Box &	Bentomat ST GCL (woven side)
Lower Box	GSE 60 mil HDPE textured geomembrane
Box Dimensions:	12"x12"x4"
Interface	Loading applied for a minimum of 24 hours prior to shear.
Conditioning:	
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Normal Stress (psf)	1000	3000	6000
Corrected Peak Shear Stress (psf)	360	1263	2504
Corrected Large Displacement Shear Stress (psf)	365	764	1307
Peak Secant Angle (degrees)	19.8	22.8	22.7
Large Displacement Secant Angle (degrees)	20.1	14.3	12.3
Asperity (mils)	33.8	32.0	29.8

Soil Characterization	
USCS:	Proctor Type:
LL:	Max. Dry Density (pcf):
PL:	Optimum Moisture Content:

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

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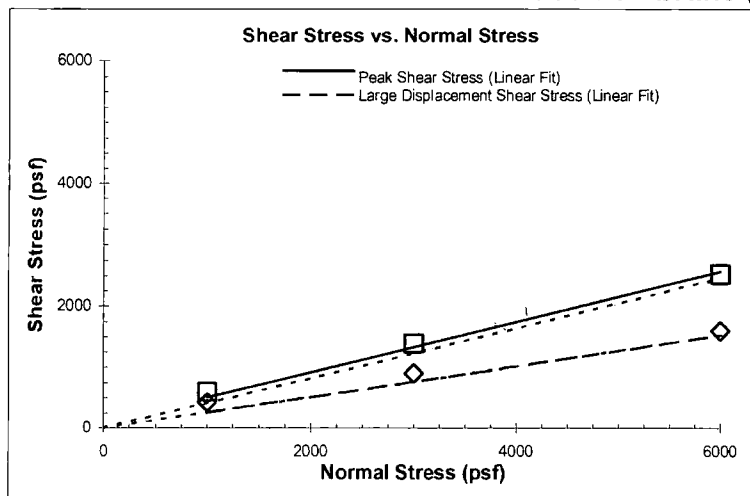
Interface Friction Test Report

Client: **Comanco Environmental, Inc.**
Project: **Hardee County Landfill**
Test Date: 06/22/06-06/22/06

TRI Log#: E2243-38-06
Test Method: ASTM D 5321

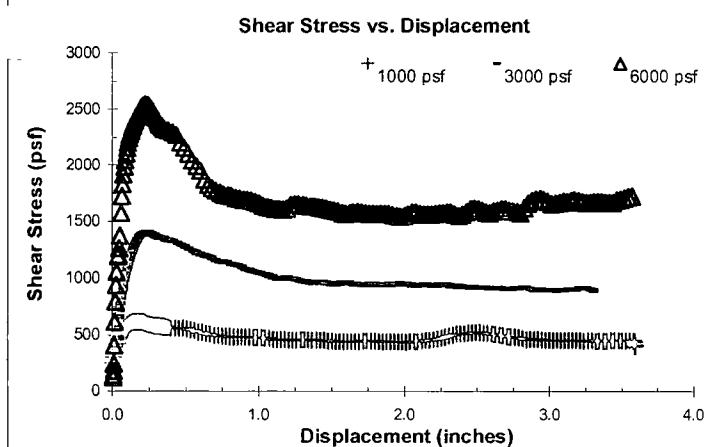
Sam Allen 06/23/06
Quality Review/Date

Tested Interface: Tenax Tri-Planar double-sided Geocomposite vs. GSE 60 mil HDPE Textured Geomembrane (108114686)



Test Results		
	Peak	Large Displacement (@ 3.3 in.)
Friction Angle (degrees):	21.0	13.2
Y-intercept or Adhesion (psf):	122	95

Shearing occurred at the geomembrane/double-sided geocomposite interface



Test Conditions	
Upper Box &	Tenax geocomposite
Lower Box	GSE 60 mil HDPE textured geomembrane
Box Dimensions:	12"x12"x4"
Interface	
Conditioning:	Interface soaked and loading applied for a minimum of 1 hour prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Normal Stress (psf)	1000	3000	6000
Corrected Peak Shear Stress (psf)	501	1287	2425
Corrected Large Displacement Shear Stress (psf)	327	806	1503
Peak Secant Angle (degrees)	26.6	23.2	22.0
Large Displacement Secant Angle (degrees)	18.1	15.0	14.1
Asperity (mils)	16.6	18.8	20.2

Soil Characterization			
USCS:	NA	Proctor Type:	NA
LL:	NA	Max. Dry Density (pcf):	NA
PL:	NA	Optimum Moisture Content:	NA

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



Interface Friction Test Report

Client: **Comanco Environmental, Inc.**

TRI Log#: E2243-38-06

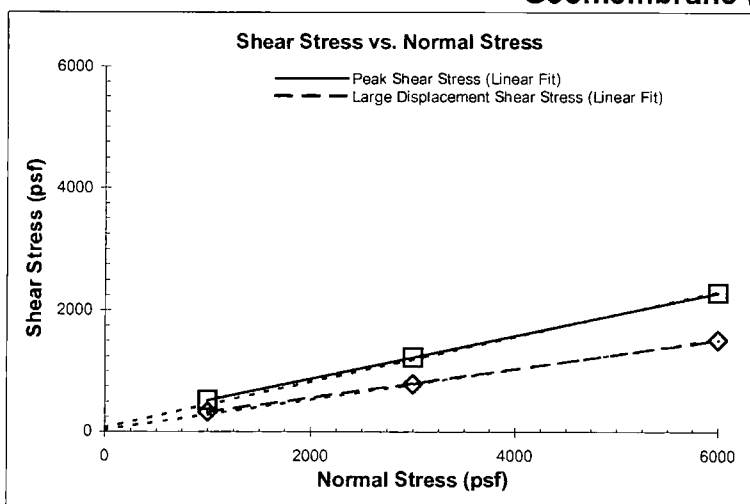
John M. Allen, E.I.T., 07/25/2006

Project: **Hardee County Landfill**

Test Method: ASTM D 5321

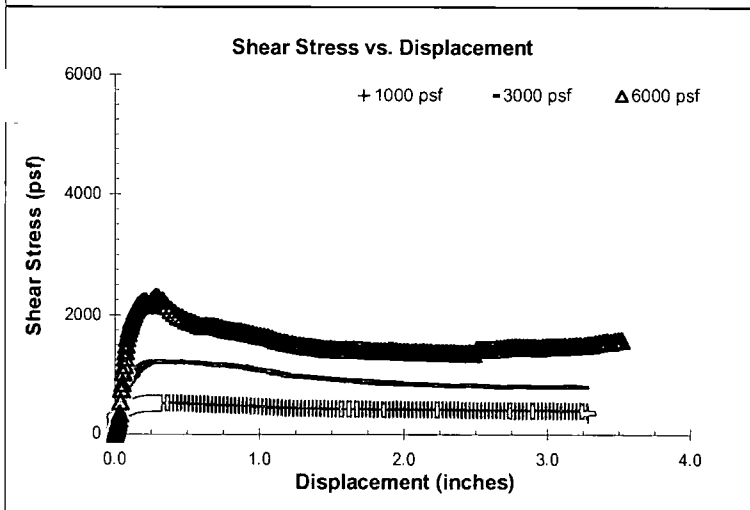
Quality Review/Date

Test Date: 06/19/06-06/19/06

Tested Interface: GSE Double-sided Geocomposite (131205599) vs. GSE 60 mil HDPE Textured Geomembrane (108114686)

Test Results		
	Peak	Large Displacement (@ 3.3 in.)
Friction Angle (degrees):	21.3	14.3
Y-intercept or Adhesion (psf):	0	0

Shearing occurred at the geomembrane/double-sided geocomposite interface



Test Conditions	
Upper Box &	GSE double-sided geocomposite
Lower Box	GSE 60 mil HDPE textured geomembrane
Box Dimensions:	12"x12"x4"
Interface	
Conditioning:	Interface soaked and loading applied for a minimum of 1 hour prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Normal Stress (psf)	1000	3000	6000
Corrected Peak Shear Stress (psf)	520	1218	2286
Corrected Large Displacement Shear Stress (psf)	327	787	1511
Peak Secant Angle (degrees)	27.5	22.1	20.9
Large Displacement Secant Angle (degrees)	18.1	14.7	14.1
Asperity (mils)	20.2	19.6	20.0

Soil Characterization			
USCS:	NA	Proctor Type:	NA
LL:	NA	Max. Dry Density (pcf):	NA
PL:	NA	Optimum Moisture Content:	NA

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



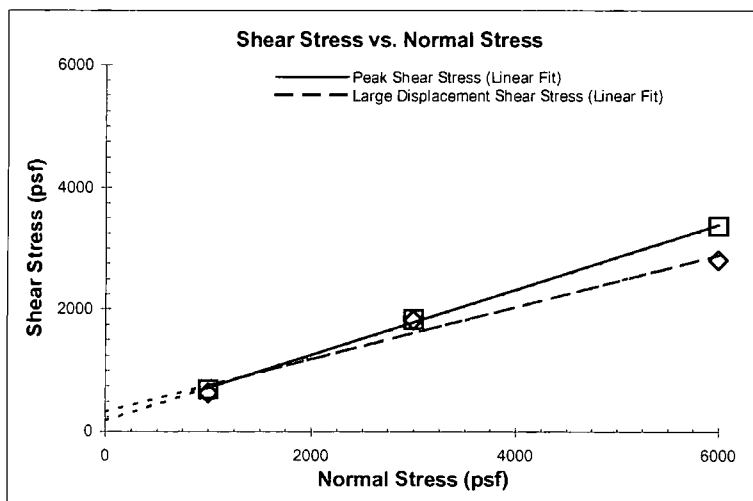
Interface Friction Test Report

Client: **Comanco Environmental, Inc.**
Project: **Hardee County Landfill**
Test Date: 06/21/06-06/21/06

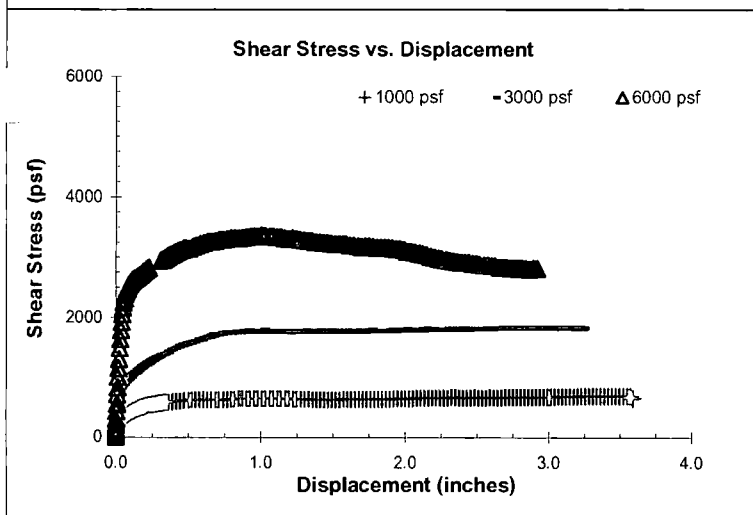
TRI Log#: E2243-38-06
Test Method: ASTM D 5321

John M. Allen, E.I.T., 06/21/2006
Quality Review/Date

Tested Interface: GSE Double-sided Geocomposite (131205599) vs. Drainage Sand



Test Results		
	Peak	Large Displacement (@ 3.1 in.)
Friction Angle (degrees):	28.1	23.1
Y-intercept or Adhesion (psf):	180	330



Test Conditions	
Upper Box &	Sand lightly tamped
Lower Box	GSE double-sided geocomposite
Box Dimensions:	12"x12"x4"
Interface Conditioning:	Interface soaked and loading applied for a minimum of 1 hour prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Normal Stress (psf)	1000	3000	6000
Corrected Peak Shear Stress (psf)	687	1829	3367
Corrected Large Displacement Shear Stress (psf)	631	1821	2807
Peak Secant Angle (degrees)	34.5	31.4	29.3
Large Displacement Secant Angle (degrees)	32.3	31.3	25.1
Asperity (mils)	NA	NA	NA

Soil Characterization			
USCS:	NA	Proctor Type:	NA
LL:	NA	Max. Dry Density (pcf):	NA
PL:	NA	Optimum Moisture Content:	NA

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

ATTACHMENT B

SCS INTERFACE FRICTION ANGLE TEST RESULTS



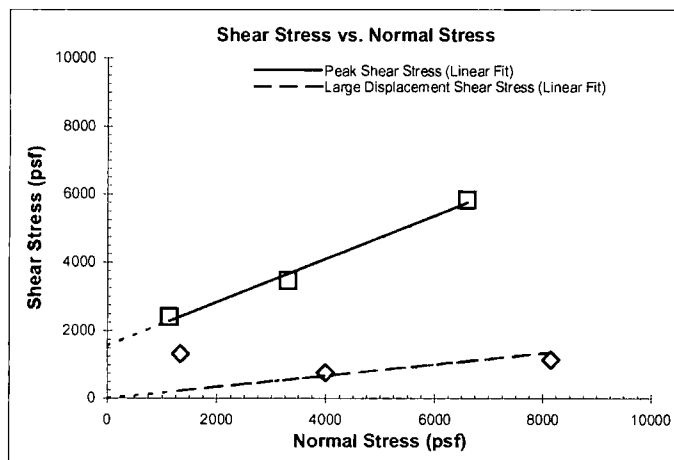
Interface Friction Test Report

Client: **SCS Consultants**
Project: **Hardee County**
Test Date: 11/28/06-11/29/06

TRI Log#: E2243-85-02
Test Method: ASTM D 6243

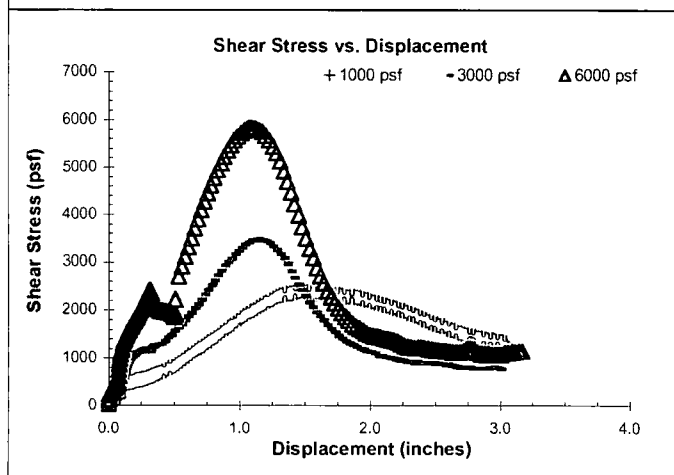
John M. Allen, E.I.T., 11/29/2006
Quality Review/Date

Tested Interface: Bentomat ST GCL (10759) Internal Shear



Test Results		
	Peak	Large Displacement (@ 3.0 in.)
Friction Angle (degrees):	32.5	9.6
Y-intercept or Adhesion (psf):	1563	0

Results include an area correction.



Test Conditions	
Upper Box &	Bentomat ST GCL (non-woven side)
Lower Box	Subbase Soil remolded to 110.3 pcf at 12.4%.
Box Dimensions:	12"x12"x4"
Interface Conditioning:	Interface soaked and loading applied for a minimum of 24 hours prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Area Corrected Normal Stress (psf)	1139	3310	6598
Area Corrected Peak Shear Stress (psf)	2406	3471	5838
Area Corrected Large Displacement Normal Stress (psf)	1340	3992	8154
Area Corrected Large Displacement Shear Stress (psf)	1322	775	1146
Peak Secant Angle (degrees)	64.7	46.4	41.5
Large Displacement Secant Angle (degrees)	49.2	13.2	9.9

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



TRI/ENVIRONMENTAL, INC.
A Texas Research International Company

Dept. of Environmental
Protection

DEC 13 2006

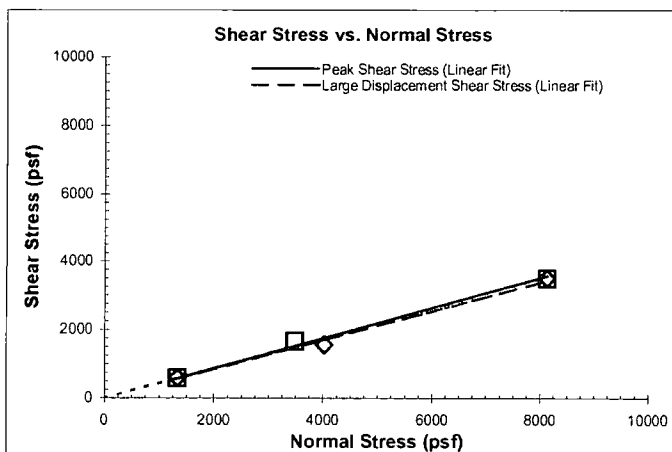
Interface Friction Test Report

Client: **SCS Consultants**
Project: **Hardee County**
Test Date: 11/27/06-11/28/06

TRI Log#: E2243-85-02
Test Method: ASTM D 6243

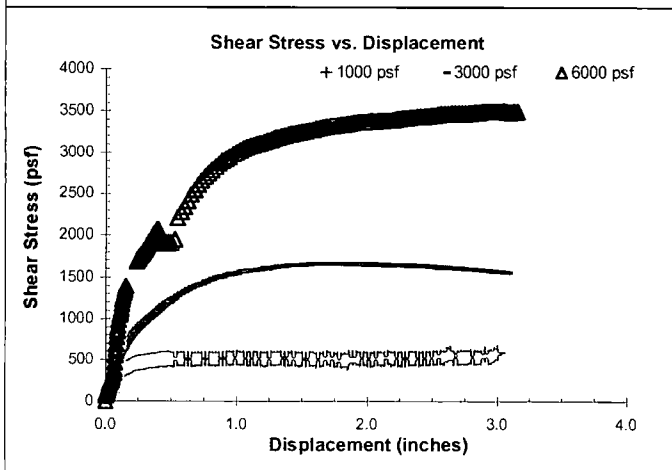
Southwest District
John M. Allen, EITC 11/28/2006
Quality Review/Date

Tested Interface: Bentomat ST GCL (10759) vs. Subbase Soil



Test Results		
	Peak	Large Displacement (@ 3.0 in.)
Friction Angle (degrees):	23.6	22.8
Y-intercept or Adhesion (psf):	0	0

Results include an area correction.



Test Conditions	
Upper Box &	Bentomat ST GCL (non-woven side)
Lower Box	Subbase Soil remolded to 110.3 pcf at 12.4%.
Box Dimensions:	12"x12"x4"
Interface Conditioning:	Interface soaked and loading applied for a minimum of 24 hours prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Area Corrected Normal Stress (psf)	1334	3486	8137
Area Corrected Peak Shear Stress (psf)	589	1662	3492
Area Corrected Large Displacement Normal Stress (psf)	1334	4025	8137
Area Corrected Large Displacement Shear Stress (psf)	589	1559	3492
Peak Secant Angle (degrees)	23.8	25.5	23.2
Large Displacement Secant Angle (degrees)	23.8	24.1	23.2

Low high

Soil Characterization performed by TRI/Environmental		
USCS:	Proctor Type:	standard
LL:	Max. Dry Density (pcf):	116.1
PL:	Optimum Moisture Content:	12.4

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

9063 Bee Caves Road □ Austin, TX 78733-6201 □ (512) 263-2101 □ (512) 263-2558 □ 1-800-880-TEST



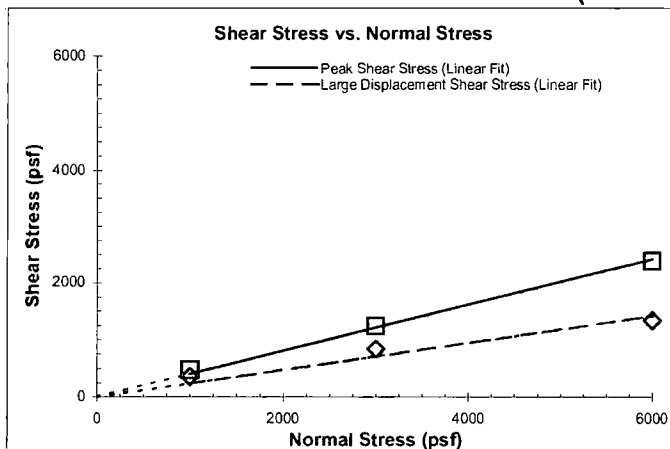
Interface Friction Test Report

Client: **SCS Consultants**
Project: **Hardee County Landfill**
Test Date: 12/05/06-12/07/06

TRI Log#: E2243-78-07
Test Method: ASTM D 6243

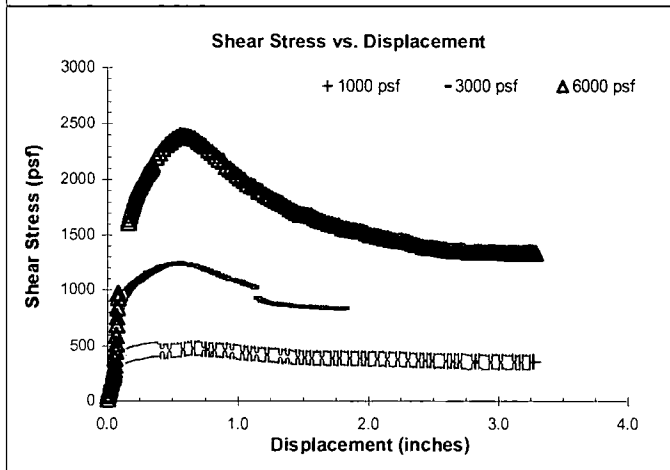
John M. Allen, E.I.T., 12/07/2006
Quality Review/Date

Tested Interface: Bentomat ST GCL (10759) vs GSE 60 mil HDPE Textured Geomembrane (108117168)



Test Results		
	Peak	Large Displacement (@ 3.1 in.)
Friction Angle (degrees):	22.0	13.3
Y-intercept or Adhesion (psf):	0	0

Note: Regression friction angles include the origin.



Test Conditions	
Upper Box &	Bentomat ST GCL (woven side)
Lower Box	GSE 60 mil HDPE textured geomembrane
Box Dimensions:	12"x12"x4"
Interface Conditioning:	Interface soaked and loading applied for a minimum of 24 hours prior to shear.
Test Condition:	Wet
Shearing Rate:	0.04 inches/minute

Test Data			
Specimen No.	1	2	3
Bearing Slide Resistance (lbs)	18	37	65
Normal Stress (psf)	1000	3000	6000
Corrected Peak Shear Stress (psf)	480	1240	2398
Corrected Large Displacement Shear Stress (psf)	358	836	1336
Peak Secant Angle (degrees)	25.6	22.4	21.8
Large Displacement Secant Angle (degrees)	19.7	15.6	12.6
Asperity (mils)	23.6	27.8	25.6

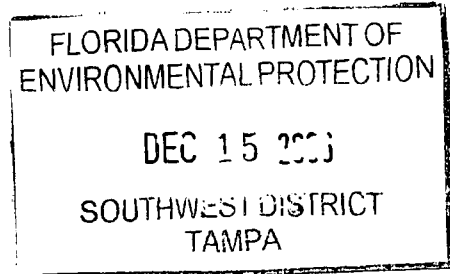
The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material.

TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

SCS ENGINEERS

December 15, 2006
File No. 09199033.16

Susan J. Pelz, P.E.
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637



Subject: Monthly Progress Report - November 15, 2006 to December 15, 2006
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01

Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report per Specific Condition Number B.6.b of the construction permit for the Hardee County Landfill Phase II Section I Landfill Expansion Construction. The attached monthly report covers the month of November 15, 2006 to December 15, 2006 and includes the following:

- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
- 2) A summary of submittals and change order requests.
- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September.

Sincerely,

A handwritten signature in black ink, appearing to read "Shane R. Fischer".

Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS

A handwritten signature in black ink, appearing to read "Ed Hilton".

C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County
Offices Nationwide



1. SUMMARY OF ACTIVITIES OCTOBER 15, 2006 TO NOVEMBER 15, 2006

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from November 15, 2006 to December 15, 2006 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 8, 2007.
- Final Completion of the project was established as March 10, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

Please refer to the construction schedule provided by Comanco Environmental Corporation (COMANCO) contained in Attachment A.

- Leachate collection pipe replacement from MH-6 to MH-7 and from MH-7 to MH-8 was completed on approximately November 15, 2006.
- Groundwater control wet well installation was completed approximately November 15, 2006.
- Groundwater control system installation is still ongoing and is scheduled for completion approximately December 18, 2006 with the video inspection to follow approximately December 20, 2006.
- Eastern section of stormwater management pond regrading is ongoing and is scheduled for completion approximately December 18, 2006. The western section of the stormwater management pond regrading is ongoing and is scheduled for completion approximately December 22, 2006.
- Final grading of the cell subbase, proof rolling and in-place density testing is ongoing and is scheduled for completion by approximately December 29, 2006 with GCL installation to occur shortly thereafter depending on FDEP approval of schedule.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

Attached at the end of the Weekly Construction Progress Meeting Summary Reports, contained in Attachment B, is a list of submittals reviewed to date by SCS for the project. The following activities have occurred during this reporting period regarding the minor modification to Construction Permit No. 38414-008-SC/01.

- A. An Intent To Issue the minor modification to Construction Permit No. 38414-008-SC/01 to include a Geosynthetic Clay Liner (GCL) as an alternative to the installation of a 6-inch low permeability soil layer was received from the Florida Department of Environmental Protection (FDEP) dated November 29, 2006.
- B. The County Published the Notice of Proposed Agency Action on December 7, 2006 in The Herald-Advocate which is published weekly. Please refer to Attachment C for the proof of publication which was also forwarded to FDEP on December 11, 2006.
- C. Per Specific Condition B.4.b of Construction Permit No. 38414-008-SC/01 and also the Draft Permit dated November 29, 2006 that includes Modification No. 38414-010-SC/MM SCS notified FDEP on December 13, 2006 of the results of the interface friction testing using actual construction materials. All interface friction angle test results received from the contractor (COMANCO) as required by the technical specifications meet the permit requirement of at least 20.5 degrees which therefore also meet the minimum safety factor of 1.5 against sliding. The interface friction angle test results are as follows:
- GCL Internal Shear - 39.4 degrees
 - GCL vs. Subbase Soil - 21.6 degrees
 - GCL vs. Liner - 22.6 degrees
 - Tri-planar CDN vs. Liner - 21.0 degrees with 122 psf adhesion
 - Bi-planar CDN vs. Liner - 21.3 degrees
 - Bi-planar CDN vs. Drainage Sand - 28.1 degrees with 180 psf adhesion

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment B contains summary reports for the following Weekly Construction Progress Meetings.

- Construction Progress Meeting Number 9 - November 15, 2006
- Weekly Progress Meeting for November 22, 2006 not held due to holiday.
- Construction Progress Meeting Number 10 - November 29, 2006
- Construction Progress Meeting Number 11 - December 6, 2006

Construction Progress Meeting Number 12, held on December 13, 2006, will be included in the next monthly progress report to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment D.

Dept. of Environmental
Protection
DEC 15 2006
Southwest District

ATTACHMENT A
CONSTRUCTION PROGRESS SCHEDULE



Dept. of Environmental
Protection
DEC 15 2006
Southwest District

Project: Hardee County Schedule
Date: Tue 12/12/06
COMANCO Environmental Corp
Project Number 03061189

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

ATTACHMENT B

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS
AND
CONSTRUCTION SUBMITTALS

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 9

November 15, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 9. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 9 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 9 for Hardee County Phase II Section I Landfill Expansion. The date is November 15, 2006 and the time is 10:05 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 9 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson
- Rishi Vasudeva

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 8 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 8 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 8.

The County inquired about the structures.

Comanco stated that another project has interfered with the ordering of the structures but that project would no longer be an issue. Therefore, the structures would be ordered this week.

SCS inquired of the test results of the GCL testing.

Comanco stated they have the preliminary results and they are passing. SCS should be receiving the actual test results by the end of this week.

SCS stated the 0.25% to 0.50% change in slope for 2 of the ground water collection pipes would remain as in the drawings. The change in slope is required for the future connection when Section II is constructed.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed the updated project schedule.

Comanco stated the start and finish dates of items already completed or are working on were changed to reflect actual dates. None of these items are really a critical path at this time. The schedule should be firmer by the next project schedule update.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are continuing to work on the installation of the ground water collection pipe and construction of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday. Comanco stated they plan to work this Saturday.

The County and SCS did not have any objection.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of # 57 stone for material, the surveyors and Nodarse for subcontractors.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they have submittals in review.

SCS stated that the submittals should be at a comfortable level for both SCS and Comanco.

Comanco agreed.

SCS stated that SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

Comanco stated since the preliminary test results for GCL are good Comanco might want to get the GCL ordered and on site.

Comanco stated the County trucks are still going to the west of the cell area and Comanco expects to cut out the road soon.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, November 29, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:24 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 10

November 29, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 10. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 10 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 10 for Hardee County Phase II Section I Landfill Expansion. The date is November 29, 2006 and the time is 10:03 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 10 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 9 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 9 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 9.

No unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco distributed the updated project schedule.

Comanco stated the schedule has been tightened-up and saved 3 weeks over the original project schedule. If all continues to go well, Comanco might even save one more week. The overall finish date is February 15, 2007 and early finish would be January 31, 2006.

Comanco stated they considered bringing in another pipe crew but they expect to complete the groundwater system on December 18, 2006 with the present crew.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are continuing to work on the installation of the groundwater collection system and construction of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday. Comanco stated they plan to work this Saturday.

The County and SCS did not have any objection.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of # 57 stone for material, the surveyors and Nodarse for subcontractors.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they have two submittals in review.

SCS stated the submittals should be up to date at this point.

Comanco stated they should be submitting to SCS the shop drawings for the structures and the weir today.

Comanco stated they should be supplying the panel layouts for the liners in a day or two.

SCS stated that SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, December 6, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:14 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 11

December 6, 2006 / 11:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 11. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 11 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 11 for Hardee County Phase II Section I Landfill Expansion. The date is December 6, 2006 and the time is 11:02 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 11 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dennis DuPont
- Shane Fischer

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 10 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 10 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 10.

Comanco stated they have the well logs for the construction of the temporary piezometers and would forward the logs to SCS.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated they believe they are ahead of the latest schedule. The SWMA work is progressing well and the ground water system only needs two lines to be installed at this time. The cell sub-base should be ready on December 18, 2006.

Comanco stated they would like as much notice as to when they could go ahead with the liner installation. Comanco has a liner crew lined up to start.

SCS stated the start date is dependent on FDEP. SCS would be in contact with FDEP to get their notification to start. The earliest possible date as per the requirements is December 20, 2006 but the signed permit modification might not be available until after January 1, 2007.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they should finish the installation of the ground water collection system and construction of the first section of the SWMA. Comanco plans to start the final grading of the cell and the next section of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday. Comanco stated they plan to work this Saturday.

The County and SCS did not have any objection.

Comanco stated they have a commitment to be off site December 14 and 15. Comanco is willing to work Saturday and Sunday to make up the time if necessary.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect delivery of # 57 stone for material, the surveyors and Nodarse for subcontractors. On December 18, 2006 Florida Jet Clean would be on site for cleaning and video of the installed pipe. This same week sod and plantings should begin in the SWMA.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

CONSTRUCTION CONFLICTS

Comanco stated the supplier for the No. 57 stone has run out of stone at the yard they are presently using. The supplier has more of the same stone at another yard but the hauling costs would be greater.

No other conflicts were indicated.

4. CONTRACTOR SUBMITTAL STATUS

Comanco inquired if SCS has completed the review of the submittals for the structures.

SCS stated they received the submittals yesterday by FedEx and would review the submittals.

SCS stated the updated Submittal/Shop Drawing Log would be E-Mailed.

SCS stated they returned the Sligo Submittal to Comanco by mail. The only item outstanding is the shop drawings for the structures.

Comanco inquired if the County has a specific survey disc to be installed on structures noted on page 15 of 16.

SCS stated and the County agreed the disc is just a standard bronze disc for a control point.

Comanco inquired if they could bill the submittal of quantities.

SCS stated they would check and let Comanco know.

SCS stated SCS did not receive any new RFI's.

5. CONTRACTOR ISSUES

No issues were indicated.

6. COUNTY ISSUES

The County stated they do not have any issues at this time.

7. ENGINEER'S ISSUES

SCS stated they plan to coordinate with FDEP for the start of the liner. SCS has no other issues.

8. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

9. OTHER ISSUES

SCS stated with the two days of no activity on December 14 and 15, SCS suggested skipping the next week meeting.

All parties agreed.

No other issues were indicated.

SCS stated the next meeting would be Wednesday, December 20, 2006 at 11:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:30 a.m.

SUBMITTAL/SHOP DRAWING LOG

Project Name:	Phase II Section I Landfill Expansion Hardee County Landfill	Project No.	09199033.16
		Log Updated:	December 11, 2006, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
1	COMANCO Installer Information	02776-6 1.04.B.1 1.04.B.2 1.04.B.4 1.04.B.5	8/14/2006	NE NE NE NE	8/23/2006
2	TENAX Tri-Planar Geocomposite Manufacturer Product Information TENAX TenDrain 770-2 Samples (5)	02930-1 1.03.B.2 1.03.B.4 1.03.B.6 1.03.B.7 1.03.B.8 1.03.B.9.11	8/21/2006 8/14/2006	RRR NE NE NE NE NE	8/24/2006 8/23/2006
3	GSE Geomembrane Manufacturer Product Information GSE HD Textured HDPE Liner 60 mil Samples (5)	02776-5 1.04.A.1 1.04.A.6 1.04.A.13 1.04.A.14	8/17/2006	NE NE NE NE	8/23/2006
4	GSE Bi-Planar Geocomposite Manufacturer Product Information GSE PermaNet HL Samples (4)	02931-1 1.03.B.1 1.03.B.4 1.03.B.5 1.03.B.6 1.03.B.7 1.03.B.8	8/17/2006	RRR NE NE NE NE NE	8/23/2006
5	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 600	02930-3 1.03.C 1.03.B.10 02930-1 1.03.B.2	8/21/2006 8/21/2006	NE NE NE	8/24/2006 8/24/2006
6	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 601	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
7	GSE Liner Manufacturer Quality Control Results	02776	email	NE	9/4/2006
8	RH Moore & Company Supplemental Specifications	01568-2 2.01-A	8/25/2006	NE	9/19/2006
9	GSE Geomembrane Manufacturing Quality Control Results	02776-7 1.04.C 1.04.D 1.04.E,F	8/31/2006	NE NE NE	9/19/2006
10	Raven Industries Technical Specifications	02941-1 1.02-A,B,C	9/5/2006	NE	9/19/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name:	Phase II Section I Landfill Expansion Hardee County Landfill	Project No.	09199033.16
		Log Updated:	December 11, 2006, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
11	Comanco Bid Security Bond	0100-13	9/18/2006	NE	9/19/2006
12	Comanco Safety Plan	0700-29	9/18/2006	NE	10/9/2006
13	Sligo Systems	11200-2 1.03.A 1.03.B	9/18/2006	RR	10/10/2006
14	Construction Schedule	01311-1	9/20/2006	NE	10/18/2006
15	Photographic Record	01050-5	9/20/2006	NE	10/9/2006
16	Daily Force Report	01300-8 1.14	9/26/2006	NE	10/9/2006
17	Verification of Accuracy of Drawings and Specifications	0830-4	9/26/2006	RN	10/9/2006
18	Dewatering Plan	00800 B.4.c	9/26/2006	NE	10/9/2006
19	Erosion and Sedimentation Control	02140-1 1.03.A	9/26/2006	NE	10/9/2006
20	Pipe Systems	15060-1 1.03.A 1.03.B 1.03.C 1.03.D 1.03.E 1.03.F 1.03.G	9/26/2006	NE NE NE NE NE NE NE	10/9/2006
21	Groundwater Collection System Rock	02220-5 2.05.A 2.05.B	9/26/2006 email	NE NE	10/9/2006
22	COMANCO Safety Plan Trenching and Excavation Confined Space Plans	02220-2 1.06 A 1.06 B	9/28/2006	RN RN	10/9/2006
23	Qualification of Geotechnical Consultant	02220-4 1.06 D	9/28/2006	NE	10/9/2006
24	CQC Plan	02212-2 1.03.B	10/11/2006	RRR	10/17/2006
25	Protective/Drainage Sand Layer	02220-5 2.06.A	10/11/2006	NE	10/19/2006
26	Project Managers Monthly Report	01300-7 1.10	10/11/2006	NE	10/17/2006

¹ Status Legend

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NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name:	Phase II Section I Landfill Expansion Hardee County Landfill	Project No.	09199033.16
		Log Updated:	December 11, 2006, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
27	Manufacturer Product Information	02077-4 1.05.A 1.05.B 1.05.C 1.05.H 1.05.I	10/16/2006	NE	11/2/2006
28	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
29	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
30	Chastain Skillman Pre-Condition Survey	01050-2 1.04 C.1	11/1/2006	NE	11/2/2006
31	Nodarse & Ass., Inc Testing Requirements During Placement	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/1/2006	NE	12/5/2006
32	Photographic Record 48 Pictures	01050-5 3.06B	11/6/2006	NE	11/21/2006
33	Nodarse & Ass., Inc. Testing Requirements During Placement/OnSite testing Report	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/6/2006	NE	12/5/2006
34	Sligo Systems Pumps	11200-2 1.03A 1.03B 1.03C 1.03D	11/6/2006	NE	12/8/2006
35	Nodarse & Ass. Inc.	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/17/2006	NE	12/5/2006
36	Fiberglass Wet Well And Accessories	11202-2 2.01A.1	11/17/2006	NE	11/21/2006
37	COMANCO Project Manager's Monthly Report	01300-7 1.10	11/17/2006	NE	11/21/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name:	Phase II Section I Landfill Expansion Hardee County Landfill	Project No.	09199033.16
		Log Updated:	December 11, 2006, SRF

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
38	CETCO Lining Interface Friction Reports	02077-6 2.01G 2.01H 2.01I	11/17/2006	NE	12/5/2006
39	CETCO Lining Preliminary Permeability Results	02077-6 2.01J	11/17/2006	NE	12/5/2006
40	CETCO Lining Permeability Results	02077-6 2.01J	12/4/2006	NE	12/8/2006
41	CETCO Lining Manufacturer QC/QA Information	02077-4 1.05F	12/4/2006		
42	Nodarse & Ass. Inc. Testing Requirements during Placement Report -8	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
43	Nodarse & Ass. Inc. Testing Requirements during Placement Report -9	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	12/8/2006	NE	12/11/2006
44	Bi-Planar Panel Layout Detail	02931-1 1.03B.3	12/8/2006	NE	12/11/2006
45	Tri-Planar Panel Layout Detail	02930-1 1.03B.3	12/8/2006	NE	12/11/2006
46	Geomembrane Panel Layout Detail	02776-6 1.04B.3	12/8/2006	NE	12/11/2006
47	GCL Panel Layout Detail	02077-5 1.05.N	12/8/2006	NE	12/11/2006

¹ Status Legend

NE - No Exception Taken
AR - Amend and Resubmit
NR - Not Reviewed
RN - Reviewed with Comments as Noted

MC - Make Corrections Noted
RRR - Rejected, Contractor must Revise and Resubmit
RR - Revise and Resubmit

ATTACHMENT C

PROOF OF PUBLICATION FOR NOTICE OF PROPOSED AGENCY ACTION

685 Airport Road
Wauchula, FL 33873
Phone: 863-773-5089
Fax: 863-773-3907
Email: teresa.carver@hardeecounty.net

.....

Hardee County Solid Waste Department

December 11, 2006

Department of Environmental Protections
Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
Attention: Susan Pelz

Dear Ms Pelz:

Per the draft permit Hardee County Solid Waste Department is required to run a proof of publication for the modification utilizing a geosynthetic clay liner instead of the 6-inch low permeability soil sub base. Please find enclosed the newspaper publication.

Should you need anything else please feel free to contact me.

Thank you,



Teresa Carver
Hardee County Solid Waste Director

Tc/TC

.....

Please Recycle

Department of Environmental Protection Notice of Proposed Agency Action on Permit Application

2

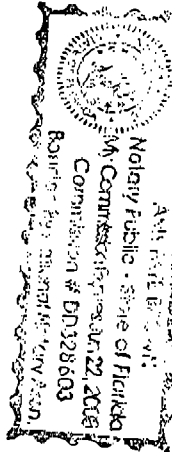
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December
Brown



The Department gives notice of its intent to issue a permit to **Ms. Teresa Carver, Director, Hardee County Solid Waste Department**, who applied for a permit modification on October 3, 2006, to the Department of Environmental Protection to modify the existing construction permit for a lateral expansion (Phase II, Section I) of the Class I Landfill, referred to as the **Hardee County Landfill**, located at 685 Airport Road, Wauchula, Hardee County, Florida. **This modification includes utilizing a geosynthetic clay liner instead of the 6 inch low permeability soil subbase.**

Petitions must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60 (3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of all material facts disputed by petitioner or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts, which the petitioner contends, warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case under the provisions of that statute. This does not prevent any interested parties from agreeing to other forms of alternate dispute resolution.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. This notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 13051 North Telecom

AFFIDAVIT OF PUBLICATION
The Herald-Advocate
 Published Weekly at Wauchula, Florida

**Department
Notice**

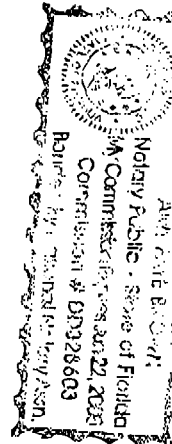
STATE OF FLORIDA,
 COUNTY OF HARDEE

Before the undersigned authority personally appeared Ann Basey
 who on oath says he is the Secretary of The Herald-Advocate, a
 newspaper published at Wauchula, in Hardee County, Florida; that the attached copy of advertise-
 ment, being a State of Florida
 in the matter of Department of Environmental Protection
 in the _____ Court, was published in said newspaper in the issues
 of December 7, 2006

Affiant further says that the said Herald-Advocate is a newspaper published at Wauchula, in
 said Hardee County, Florida, and that the said newspaper has heretofore been continuously published
 in said Hardee County, Florida, each week and has been entered as second class mail matter at the
 post office in Wauchula, in said Hardee County, Florida, for a period of one year next preceding the
 publication of the attached copy of advertisement; and affiant further says that he has neither paid nor
 promised any person, firm or corporation any discount, rebate, commission or refund for the purpose
 of securing this advertisement for publication in the said newspaper.

Ann Basey

Sworn to and subscribed before me this 7 day of December
 A.D. 2006
May Jane Brown
 Notary Public
 My Commission Expires June 22, 2008



The Department gives r
Hardee County Solid
 October 3, 2006, to the D
 struction permit for a late
 to as the **Hardee County**
 Florida. **This modificatio**
inch low permeability s
 Petitions must be filed i
 notice, whichever occurs
 asked the Department fo
 of receipt of such notice,
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 Sections 120.569 and 12
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 only at the discretion of tl
 Rule 28-106.205, F.A.C.

A petition that disputes
 contain the following info
 (a) The name, address,
 and address, the Depar
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 (b) A statement of how
 action or proposed acti
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 (d) A statement of all m
 disputed facts;
 (e) A statement of the u
 which the petitioner con
 or proposed action;
 (f) A statement of the sp
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 action.

A petition that does not
 based shall state that no
 information as set forth at

Because the administrat
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 any such final decision of
 the proceeding, in accord

In accordance with Sec
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Any party to this order h
 by filing a notice of appeal
 clerk of the Department
 Commonwealth Boulevard
 notice of appeal accomp
 court of appeal. This notic
 with the clerk of the Depa

ATTACHMENT D

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 12/15/06

File Name	Date	Description
112906Hardee 008	11/14/2006	Stormwater management area - Photo looking southwest.
112906Hardee 009	11/14/2006	Stormwater management area - Photo looking northwest.
112906Hardee 010	11/14/2006	Groundwater control pump station wet well - Photo looking west.
112906Hardee 011	11/14/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking southeast.
112906Hardee 012	11/14/2006	Temporary Construction Dewatering Ponds and expansion - Photo looking southwest.
112906Hardee 019	11/21/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
112906Hardee 021	11/27/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
112906Hardee 022	11/27/2006	Temporary Construction Dewatering Ponds and expansion - Photo looking southwest.
112906Hardee 024	11/27/2006	Groundwater collection pipe installation - Photo looking west.
112906Hardee 026	11/28/2006	Stormwater management area - Photo looking northeast.
112906Hardee 027	11/28/2006	Stormwater management area - Photo looking northeast.
112906Hardee 031	11/28/2006	Groundwater collection pipe installation - Photo looking west.
120606Hardee 001	12/05/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south
120606Hardee 002	12/05/2006	Temporary Construction Dewatering Ponds and expansion - Photo looking southwest.
120606Hardee 003	12/05/2006	Stormwater management area - Photo looking northwest.
120606Hardee 004	12/05/2006	Stormwater management area - Photo looking southwest.
120606Hardee 005	12/06/2006	Stormwater management area - Photo looking southwest.
120606Hardee 006	12/06/2006	Stormwater management area - Photo looking west.

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 12/15/06

File Name	Date	Description
120606Hardee 007	12/06/2006	Rookery planting - Photo looking west.
120606Hardee 011	12/06/2006	Rookery planting - Photo looking west.
120606Hardee 014	12/06/2006	Stormwater management area - Photo looking northeast.
120606Hardee 016	12/06/2006	Rookery planting - Photo looking south.
120606Hardee 017	12/06/2006	Rookery planting - Photo looking south.

Photograph 112906Hardee 008



Photograph 112906Hardee 009



Photograph 112906Hardee 010



Photograph 112906Hardee 011



Photograph 112906Hardee 012



Photograph 112906Hardee 019



Photograph 112906Hardee 021



Photograph 112906Hardee 022



Photograph 112906Hardee 024



Photograph 112906Hardee 026



Photograph 112906Hardee 027



Photograph 112906Hardee 031



Photograph 120606Hardee 001



Photograph 120606Hardee 002



Photograph 120606Hardee 003



Photograph 120606Hardee 004



Photograph 120606Hardee 005



Photograph 120606Hardee 006



Photograph 120606Hardee 007



Photograph 120606Hardee 011



Photograph 120606Hardee 014



Photograph 120606Hardee 016



Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16

Photograph 120606Hardee 017



SCS ENGINEERS

November 15, 2006
File No. 09199033.16

Susan J. Pelz, P.E. *11/21*
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Dept. of Environmental
Protection

NOV 15 2006

Southwest District

Subject: Monthly Progress Report - October 15, 2006 to November 15, 2006
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01

Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report per Specific Condition Number B.6.b of the construction permit for the Hardee County Landfill Phase II Section I Landfill Expansion Construction. The attached monthly report covers the month of October 15, 2006 to November 15, 2006 and includes the following:

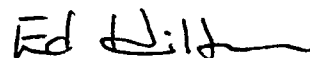
- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
- 2) A summary of submittals and change order requests.
- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS



C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County
Offices Nationwide



1. SUMMARY OF ACTIVITIES OCTOBER 15, 2006 TO NOVEMBER 15, 2006

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from October 15, 2006 to November 15, 2006 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 8, 2007.
- Final Completion of the project was established as March 10, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

Please refer to the construction schedule provided by Comanco Environmental Corporation (COMANCO) contained in Attachment A.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

Attached at the end of the Weekly Construction Progress Meeting Summary Reports, contained in Attachment B, is a list of submittals reviewed to date by SCS for the project.

A. The following minor modification to Construction Permit No. 38414-008-SC/01 was completed by SCS.

- A minor modification to include a Geosynthetic Clay Liner (GCL) as an alternative to the installation of a 6-inch low permeability soil layer.

COMANCO requested from SCS that rather than installing a 6-inch low permeability soil layer, a GCL would be installed due to the lack of availability of low permeability soil within the project area. In order to keep all of the elevations as they were designed and permitted for the project, the 12-inch minimum compacted sub-base which was to be installed prior to the installation of the low permeability soil layer would be increased so the elevation of the top of the proposed GCL material would be placed where the top of the 6-inch low permeability soil layer would have been placed. SCS submitted this minor modification request and supporting information to FDEP on October 13, 2006. 10/3/06

B. The following minor revisions to 02077 GCL Specification were completed by SCS.

- COMANCO submitted a letter to SCS from CETCO Lining Technologies (CETCO) concerning the GCL Specification and requested minor revisions to the GCL Specification regarding the following issues.

Table 1 on page 02077-5 of the GCL Specification stated that grab strength/elongation shall be tested every 40,000 sf which was in direct conflict with section 1.02.A-D5889, Standard Practice for Quality Control of Geosynthetic Clay Liners which states that grab strength/elongation be tested every 200,000 square feet (sf). SCS considered this revision reasonable and revised the GCL Specification for the testing frequency of the grab strength/elongation to reflect ASTM D5889 from every 40,000 sf to every 200,000 sf.

Section 2.01.F Finished GCL Properties on page 02077-7 of the GCL Specification originally specified the grab strength as 90 lbs/in but according to ASTM D5889 the correct reporting value is 90 lbs. SCS considered this revision reasonable and revised the GCL Specification for grab strength to reflect ASTM D5889 to 90 lbs.

Section 2.01.F Finished GCL Properties on page 02077-7 of the GCL Specification originally specified the permeability with groundwater to be conducted utilizing ASTM D5891 which is the Fluid Loss method. The correct method for testing this parameter was revised by SCS to use either ASTM D5887 or ASTM D6766. ✓

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment B contains summary reports for the following Weekly Construction Progress Meetings.

- Construction Progress Meeting Number 4 - October 11, 2006
- Construction Progress Meeting Number 5 - October 18, 2006
- Construction Progress Meeting Number 6 - October 25, 2006
- Construction Progress Meeting Number 7 - November 1, 2006
- Construction Progress Meeting Number 8 - November 8, 2006

Construction Progress Meeting Number 9, held on November 15, 2006, will be included in the next monthly report to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment C.

ATTACHMENT A
CONSTRUCTION PROGRESS SCHEDULE

ID	Task Name	Duration	Start	Finish	Week 1 9/10	Week 2 9/17	Week 3 9/24	Week 4 10/1	Week 5 10/8	Week 6 10/15	Week 7 10/22	Week 8 10/29	Week 9 11/5	Week 10 11/12	Week 11 11/19	Week 12 11/26	Week 13 12/3	Week 14 12/10	Week 15 12/17	Week 16 12/24	Week 17 12/31	Week 18 1/7	Week 19 1/14	Week 20 1/21	Week 21 1/28	Week 22 2/4	Week 23 2/11	Week 24 2/18	Week 25 2/25	Week 26 3/4
1	Mobilization & Survey	14 days	Tue 9/19/06	Sat 10/7/06																										
2	Temp Erosion & Sed Control	14 days	Tue 9/19/06	Sat 10/7/06																										
3	Excavation Temp Dewater Ponds	12 days	Mon 10/9/06	Wed 10/25/06																										
4	Replace Existing Leachate Lines	22.85 days	Mon 10/9/06	Wed 11/8/06																										
5	Dewater SWMA	20.3 days	Mon 10/9/06	Sat 11/4/06																										
6	Excavation & Dewater SWMA	24 days	Mon 11/6/06	Tue 12/12/06																										
7	SWMA Littoral & Structures, Stabilize	18 days	Tue 11/28/06	Fri 12/22/06																										
8	Excavate & Dewater Landfill Cell	24 days	Thu 10/26/06	Fri 12/1/06																										
9	Provide & Install Groundwater Collection	30 days	Thu 11/9/06	Tue 12/26/06																										
10	Landfill Cell Subbase Prep	12 days	Mon 12/11/06	Fri 12/29/06																										
11	Low Permeability Soil Layer To GCL	17 days	Tue 12/26/06	Thu 1/18/07																										
12	Secondary 60 Mil & Triplaner Composite	3 days	Mon 1/22/07	Thu 1/25/07																										
13	Leachate Collection System	16 days	Mon 1/15/07	Mon 2/5/07																										
14	Primary 60 Mil & Biplaner Composite	5 days	Mon 1/29/07	Sat 2/3/07																										
15	Sand Layer	18 days	Mon 2/5/07	Thu 3/1/07																										
16	Rain Tarp	3 days	Fri 3/2/07	Tue 3/6/07																										
17	Shell & Asphalt Roads	6 days	Wed 2/28/07	Thu 3/8/07																										

Project: Hardee County Schedule
Date: Tue 11/14/06
COMANCO Environmental Corp
Project Number 03061189

Task
Split

Progress
.....

Milestone
◆

Summary
Project Summary

External Tasks
External Milestone

Deadline



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NOV 15 2006

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ATTACHMENT B

**CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS
AND
CONSTRUCTION SUBMITTALS**

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 4

October 11, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 4. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 4 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 4 for Hardee County Phase II Section I Landfill Expansion. The date is October 11, 2006 and the time is 10:03 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 4 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

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give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 3 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 3 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 3.

No unfinished business was indicated.

2. PROJECT SCHEDULE

SCS inquired of the current progress as it relates to the proposed project schedule.

Comanco stated that they are continuing on schedule and would distribute an updated project schedule next meeting with the typing and sequencing errors corrected.

Comanco stated the topographic survey should be available at any time from the surveyor.

Comanco stated the sedimentation/erosion control is complete.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue replacing the pipes between the manholes.

Comanco stated they are constructing the central temporary dewatering pond and the west pond is about 80% cleared.

Comanco stated they have more equipment being delivered to the site so construction on both the central and west temporary dewatering ponds could continue at the same time.

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday. Comanco requested to work this Saturday (October 14, 2006) depending on their stopping point on Friday for the leachate collection pipe replacement between the manholes.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect # 57 stone on Monday (October 16, 2006) and maybe some sand next week.

Comanco inquired about the ditch to be constructed on the north and west side.

SCS stated they talked with FDEP and was informed that any change would require a modification to the Environmental Resource Permit.

Comanco stated the surveyors might be on site.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

Comanco inquired of any comments related to the proposed location installation of the pipe between manholes 7 and 8.

SCS stated they had no objections but would only be able to determine the exact location when the existing pipe is exposed.

Comanco stated they intend to have a boom truck on site Monday (October 16, 2006) to support the control panel during the installation of the leachate pipe replacement.

Comanco stated they have an electrician to assist with the electrical shut-down and startup of the control panel power during the leachate pipe replacement.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they distributed the updated submittal log.

SCS stated they returned all submittals received at this time.

SCS stated there are email versions of submittals that SCS expects to receive hard copies on soon.

SCS stated only part of the submittal for the leachate detection/collection pumps were rejected. SCS talked with the pump supplier to help Comanco with re-submittal of that item.

Comanco stated the electrician expressed concern about the distance between the power pole and the control panel for the new leachate detection/collection pumps.

SCS stated that they would look into that issue.

SCS inquired if there are any RFI's.

Comanco inquired about the RFI related to the issue of the water level dropping 12-inches in the temporary piezometers during the dewatering process.

SCS stated they talked with FDEP and FDEP could not respond to that issue without further discussions with the permitting engineer for the permit.

SCS stated they would continue communications with FDEP to resolve this issue.

6. CONTRACTOR ISSUES

Comanco stated they would like to get more detail on the grassed swale and the recharge/treatment swale.

SCS stated we would look at those items after the meeting.

Comanco stated they appreciate the assistance with the GCL issue.

SCS stated at this time they have not heard anything from FDEP regarding the permit modification for the GCL.

Comanco inquired of the status of the pay application.

SCS stated that they would review that item today.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues at this time.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

SCS stated Comanco held a site safety meeting for issues of trenching and confined space issues of the pipe replacement between manholes. Comanco's Safety Officer was on site to do their company's Safety Inspection.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, October 18, 2006 at 10:00 a.m.

Weekly Construction Progress Meeting No. 4
October 11, 2006
Page 5

A taped record of this meeting is available.

This meeting is adjourned at 10:34 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 5

October 18, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 5. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 5 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 5 for Hardee County Phase II Section I Landfill Expansion. The date is October 18, 2006 and the time is 10:05 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 5 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Dominique Bramlett (by phone)
- Ed Hilton (by phone)
- Dennis DuPont

C. Comanco

- Paul Moore
- Rishi Vasudeva
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting

minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 4 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 4 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 4.

Comanco stated that the topographic survey is complete and the engineer is writing the cover letter.

Comanco stated that they need some information for the two grass recharge swales. Comanco is close to getting the sod subcontractor on site for other sod areas and would like to have as much installed at one time.

SCS stated that issue is in review at our office along with the issue related to the dropping of the water levels in the temporary piezometers.

SCS stated that the dropping water levels in the temporary piezometers might be resolved with a temporary background piezometer.

Comanco stated that they have Nodarse on stand by for the installation.

SCS stated that the concern about the distance between the power pole and the control panel for the new leachate detection/collection pumps is in review.

Comanco stated that they have an electrician subcontractor available to assist if needed.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

SCS stated that Comanco has distributed an updated project schedule.

SCS inquired of the current progress as it relates to the project schedule.

Comanco stated that they completed the installation of the replacement pipe between manholes 6 & 7 and are currently working on the installation of the pipe between 7 & 8.

Comanco stated that the grade stakes would remain in the central dewatering pond until the as-built survey of the pond is complete.

Comanco stated that the sod subcontractor should start on the central dewatering pond and then continue with the west dewatering pond perhaps by the end of the week.

Comanco stated that for items 1 & 2 there is progress and only some minor submittals to be delivered. The temporary dewatering ponds are on track for completion. The pipe replacement time might be extended depending on the water conditions in the trench. The dewatering into the east borrow pit is on going. The only other change is the wording for items 12 and 14.

Comanco stated that they are continuing on schedule with the production rate.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they would continue replacing the pipes between the manholes.

Comanco stated they are constructing the central temporary dewatering ponds.

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday. Comanco requested to work this Saturday (October 21, 2006) if needed.

SCS and the County do not have any objection.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect # 57 stone, sand and sod.

Comanco stated that they plan to expedite the delivery of the ground water wet well.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they have an updated submittal log and could supply the log via E-Mail.

SCS stated they have been working with Comanco on the submittals.

Comanco stated that they have some submittals being prepared.

6. CONTRACTOR ISSUES

Comanco stated they would like to work with the County to keep the leachate lift station pumped down during the pipe replacement between manholes 7 & 8.

Comanco and the County agreed to look at this item after the meeting.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues at this time.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, October 25, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:24 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 6

October 25, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No.6. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 6 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 6 for Hardee County Phase II Section I Landfill Expansion. The date is October 25, 2006 and the time is 10:08 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 6 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Rishi Vasudeva
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 5 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 5 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 5.

Comanco inquired of the issuance of Change Order No. 1.

SCS stated they would talk with the County and should be able to finalize Change Order No. 1 this week.

Comanco inquired of the grass recharge swales.

SCS stated that details would be forthcoming soon.

SCS inquired of the topographic survey.

Comanco provided the survey to SCS during the meeting.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

SCS inquired of the current progress as it relates to the project schedule.

Comanco stated the updated project schedule is due next week and is not ready for distribution at this time.

Comanco stated they do not expect any changes in the current schedule.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are currently working on the installation of the pipe between manholes 7 & 8.

Comanco stated the temporary dewatering ponds are complete and are presently dewatering the SWMA to the center pond.

Comanco stated they are segregating the material from the cell excavation to use as a possible borrow source. The first sample is passing and the second sample which was collected yesterday is in the lab for testing. Nodarse should have the test results and the borrow source report soon for submittal.

Comanco stated they would continue excavation of the cell and dewatering of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday. Comanco stated they do not plan to work this Saturday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect # 57 stone and sand for the pipe replacement.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

Comanco inquired of any information on the methane ditch.

SCS stated they would look into that item.

Comanco inquired of a set of drawings.

SCS stated they have a set plotted. When SCS receives the approval for the GCL those pages that change would be distributed for insertion to the drawing set.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they do not have an updated submittal log for this week but there would be little change.

Comanco stated there are submittals from Sligo for the pumps and CETCO for the GCL that are still out for review.

Comanco stated the groundwater wet well should be delivered Monday but they are not sure if SCS has received the shop drawing.

Comanco stated they still need to submit the shop drawings for the structures.

SCS stated RFI No. 3 was responded to for the drop in water level in the piezometers with details to follow. SCS is notifying FDEP and would copy Comanco.

6. CONTRACTOR ISSUES

Comanco stated they do not have any issues.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, November 1, 2006 at 10:00 a.m.

Comanco inquired of the schedule for the week of the Thanksgiving holiday.

Discussion was held and the decision for a meeting that week would be made at a later date.

A taped record of this meeting is available.

This meeting is adjourned at 10:28 a.m.

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SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 7

November 1, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No.7. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 7 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 7 for Hardee County Phase II Section I Landfill Expansion. The date is November 1, 2006 and the time is 10:03 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 7 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 6 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 6 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 6.

Comanco stated that they are satisfied with the status of Change Order No. 1.

SCS stated that the letter to FDEP has been submitted.

SCS stated that SCS has not located details of the methane ditch at this time.

Comanco stated when they open up that area they can see how it is constructed then replace it in the same manner.

SCS stated according to an email received from FDEP the indication is that the GCL is approved and a revised permit will be issued in November.

No other unfinished business was indicated.

2. PROJECT SCHEDULE

SCS stated that Comanco distributed an updated project schedule.

Comanco stated the updated project schedule needed minor changes.

Comanco stated they added a week to the pipe replacement between manholes 6 to 8 but this time does not impact the overall project schedule.

Comanco stated they added one week for dewatering the SWMA and this time does not impact the overall project schedule.

Comanco stated they might start some work in the SWMA by the end of this week.

Comanco stated they need to get some structures on site and the shop drawings for them to SCS.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are working on the installation of the pipe between manholes 7 & 8, constructing the cell and plan to work in the SWMA.

Comanco inquired of the County's situation with the leachate tanks.

The County stated they might call in more trucks to haul the leachate to a treatment plant.

Comanco stated they plan to remove the plug.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday. Comanco stated they plan to work this Saturday.

The County and SCS did not have any objection.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect # 57 stone and sand for the pipe replacement. The subcontractors would be the electricians to shut down power to the lift station and Nodarse for the geotechnical testing.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

Comanco inquired about pulling the abandoned wells inside the cell.

SCS stated that Comanco is free to remove them at any time.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

Comanco gave SCS two shop drawing submittals for review.

SCS inquired of the shop drawing for the ground water wet well.

Comanco stated the shop drawing should arrive at the same time as the wet well; this Friday. The wet well was going to be delivered this last Monday and the lid for the well on Friday; so Comanco decided to have both delivered at the same time.

SCS stated they have the GCL submittal in review and the submittal should be finalized today.

Comanco stated they intend to test another on site stockpile of sand and if the tests are good they would submit on that material for use.

Comanco stated the sand would need to be screened.

SCS stated if the sand tests are passing, and the sand is screened and mixed with the other material there should not be a problem.

SCS inquired of the amount of sand in the stockpiles.

Comanco stated their surveyor would survey the stockpiles for the quantity next week.

SCS stated that SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

Comanco stated they would like for the County to be able to keep ahead of the leachate pumping. Comanco is concerned if there is enough volume available in the temporary ponds for the dewatering.

No other issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, November 8, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:21 a.m.

SCS ENGINEERS**WEEKLY CONSTRUCTION PROGRESS MEETING NO. 8****November 8, 2006 / 10:00 a.m.****Hardee County Phase II Section I Landfill Expansion****County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No.8. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 8 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 8 for Hardee County Phase II Section I Landfill Expansion. The date is November 8, 2006 and the time is 10:10 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 8 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 7 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 7 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 7.

No unfinished business was indicated.

2. PROJECT SCHEDULE

Comanco stated that Comanco would supply an updated project schedule next week.

Comanco stated they are essentially on schedule for all items at this time; some are a little ahead.

Comanco stated that the ground water wet well should be delivered today.

Comanco stated they are setting a new goal today to begin installing the GCL earlier than indicated on the present schedule.

Comanco stated that the permeability testing of the material should be complete any time now.

SCS stated that all geosynthetic testing required by the construction permit should be done and notifications made to FDEP must be complete as required by the construction permit.

SCS requested the updated schedule prior to the next meeting for the FDEP monthly report.

Comanco stated they could provide the schedule early.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they are continuing the excavation of the cell, working on the installation of the ground water collection pipe, installation of the ground water wet well and construction of the SWMA.

SCS inquired of Comanco's proposed working hours.

Comanco stated they plan to work 7:00 a.m. to 5:00 p.m. Monday through Friday. Comanco stated they plan to work this Saturday.

The County and SCS did not have any objection.

The County stated that Friday is a County holiday so the administration office would be closed but the landfill would be open.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect the ground water wet well today and Comanco needs to get some structures on site.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

Comanco inquired about the 0.25% to 0.50% change in slope for just 2 of the ground water collection pipes.

SCS stated Comanco is to construct the slope at 0.50 % but would check and confirm.

Comanco inquired for the construction of the road on drawing 7 of 16 versus 9 of 16.

SCS stated that is an item along with the ditch to discuss with FDEP.

Comanco stated this project is the first they have seen to have the storm water ditch on the out side of the perimeter road for the cell.

No other conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS distributed the updated shop drawing log.

SCS stated they have submittals to review and should be able to return them by the end of the week.

SCS stated that SCS did not receive any new RFI's.

6. CONTRACTOR ISSUES

No issues were indicated.

7. COUNTY ISSUES

The County stated they do not have any issues at this time.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, November 15, 2006 at 10:00 a.m.

SCS inquired of the following week being a short holiday week with few attendees available to not have a progress meeting.

There were no objections.

A taped record of this meeting is available.

This meeting is adjourned at 10:35 a.m.

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: November 6, 2006,DHB

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
1	COMANCO Installer Information	02776-6 1.04.B.1 1.04.B.2 1.04.B.4 1.04.B.5	8/14/2006	NE NE NE NE	8/23/2006
2	TENAX Tri-Planar Geocomposite Manufacturer Product Information TENAX TenDrain 770-2 Samples (5)	02930-1 1.03.B.2 1.03.B.4 1.03.B.6 1.03.B.7 1.03.B.8 1.03.B.9.11	8/14/2006	RRR NE NE NE NE NE	8/23/2006
3	GSE Geomembrane Manufacturer Product Information GSE HD Textured HDPE Liner 60 mil Samples (5)	02776-5 1.04.A.1 1.04.A.6 1.04.A.13 1.04.A.14	8/17/2006	NE NE NE NE	8/23/2006
4	GSE Bi-Planar Geocomposite Manufacturer Product Information GSE PermaNet HL Samples (4)	02931-1 1.03.B.1 1.03.B.4 1.03.B.5 1.03.B.6 1.03.B.7 1.03.B.8	8/17/2006	RRR NE NE NE NE NE	8/23/2006
5	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 600	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
6	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 601	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
7	GSE Liner Manufacturer Quality Control Results	02776	email	NE	9/4/2006
8	RH Moore & Company Supplemental Specifications	01568-2 2.01-A	8/25/2006	NE	9/19/2006
9	GSE Geomembrane Manufacturing Quality Control Results	02776-7 1.04.C 1.04.D 1.04.E,F	8/31/2006	NE NE NE	9/19/2006
10	Raven Industries Technical Specifications	02941-1 1.02-A,B,C	9/5/2006	NE	9/19/2006
11	Comanco Bid Security Bond	0100-13	9/18/2006	NE	9/19/2006
12	Comanco Safety Plan	0700-29	9/18/2006	NE	10/9/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: November 6, 2006,DHB

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
13	Sligo Systems	11200-2 1.03.A 1.03.B	9/18/2006	RR	10/10/2006
14	Construction Schedule	01311-1	9/20/2006		
15	Photographic Record	01050-5	9/20/2006	NE	10/9/2006
16	Daily Force Report	01300-8 1.14	9/26/2006	NE	10/9/2006
17	Verification of Accuracy of Drawings and Specifications	0830-4	9/26/2006	RN	10/9/2006
18	Dewatering Plan	00800 B.4.c	9/26/2006	NE	10/9/2006
19	Erosion and Sedimentation Control	02140-1 1.03.A	9/26/2006	NE	10/9/2006
20	Pipe Systems	15060-1 1.03.A 1.03.B 1.03.C 1.03.D 1.03.E 1.03.F 1.03.G	9/26/2006	NE NE NE NE NE NE NE	10/9/2006
21	Groundwater Collection System Rock	02220-5 2.05.A 2.05.B	9/26/2006 email	NE NE	10/9/2006
22	COMANCO Safety Plan Trenching and Excavation Confined Space Plans	02220-2 1.06 A 1.06 B	9/28/2006	RN RN	10/9/2006
23	Qualification of Geotechnical Consultant	02220-4 1.06 D	9/28/2006	NE	10/9/2006
24	CQC Plan	02212-2 1.03.B	10/11/2006	RRR	10/17/2006
25	Protective/Drainage Sand Layer	02220-5 2.06.A	10/11/2006	NE	10/19/2006
26	Project Managers Monthly Report	01300-7 1.10	10/11/2006	NE	10/17/2006
27	Manufacturer Product Information	02077-4 1.05.A 1.05.B 1.05.C 1.05.H 1.05.I	10/16/2006	NE	11/2/2006

¹ Status Legend

NE - No Exception Taken
 AR - Amend and Resubmit
 NR - Not Reviewed
 RN - Reviewed with Comments as Noted

MC - Make Corrections Noted
 RRR - Rejected, Contractor must Revise and Resubmit
 RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: November 6, 2006,DHB

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
28	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
29	Photographic Record 12 Pictures	01050-5 3.08B	10/20/2006	NE	10/20/2006
30	Chastain Skillman Pre-Condition Survey	01050-2 1.04 C.1	11/1/2006	NE	11/2/2006
31	Nodarse & Ass., Inc Testing Requirements During Placement	02220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/1/2006		
32	Photographic Record 48 Pictures	01050-5 3.06B	11/6/2006		
33	Nodarse & Ass., Inc. Testing Requirements During Placement/OnSite testing Report	0220-10 3.09A 3.09B 3.09C 3.09D 3.09E	11/6/2006		
34	Sligo Systems Pumps	11200-2 1.03A 1.03B 1.03C 1.03D	11/6/2006		

¹ Status Legend

NE - No Exception Taken
 AR - Amend and Resubmit
 NR - Not Reviewed
 RN - Reviewed with Comments as Noted

MC - Make Corrections Noted
 RRR - Rejected, Contractor must Revise and Resubmit
 RR - Revise and Resubmit

Dept. of Environmental
Protection

NOV 15 2006

Southwest District

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 11/15/06

File Name	Date	Description
102306Hardee 065	10/17/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
102306Hardee 066	10/17/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
102306Hardee 070	10/17/2006	Phase II Section I cell location - Photo looking northeast.
102306Hardee 074	10/19/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking east.
102306Hardee 076	10/19/2006	Temporary Construction Dewatering Pond (West) - Photo looking northwest.
102306Hardee 077	10/19/2006	Temporary Construction Dewatering Pond (West) - Photo looking north.
102306Hardee 078	10/19/2006	Temporary Construction Dewatering Pond (Central) - Photo looking northeast.
102306Hardee 079	10/20/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking east.
102306Hardee 081	10/23/2006	Temporary Construction Dewatering Pond (West) - Photo looking southwest.
102306Hardee 083	10/23/2006	Temporary Construction Dewatering Pond (West) - Photo looking north.
110806Hardee 003	10/26/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
110806Hardee 004	10/26/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest
110806Hardee 005	10/26/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking east
110806Hardee 006	10/27/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
110806Hardee 007	10/27/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest
110806Hardee 008	10/30/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
110806Hardee 009	10/30/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest.
110806Hardee 010	10/30/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking east.

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 11/15/06

File Name	Date	Description
110806Hardee 011	10/31/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking south.
110806Hardee 012	10/31/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest.
110806Hardee 013	11/02/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
110806Hardee 014	11/02/2006	Temporary Construction Dewatering Pond (Central) and expansion - Photo looking southeast.
110806Hardee 015	11/02/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest.
110806Hardee 017	11/03/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
110806Hardee 019	11/03/2006	Stormwater management area improvements - Photo looking west.
110806Hardee 020	11/03/2006	Stormwater management area improvements - Photo looking north.
110806Hardee 028	11/03/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
110806Hardee 053	11/04/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
110806Hardee 054	11/04/2006	Leachate line replacement Manhole 7 to Manhole 8 - Photo looking west.
110806Hardee 060	11/07/2006	Stormwater management area improvements - Photo looking northeast.
110806Hardee 061	11/07/2006	Stormwater management area improvements - Photo looking northeast.
110806Hardee 063	11/08/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest.
110806Hardee 064	11/08/2006	Temporary Construction Dewatering Pond (Central/West), expansion - Photo looking south.
110806Hardee 065	11/08/2006	Temporary Construction Dewatering Pond (West) and expansion - Photo looking southwest.

Photograph 102306Hardee 065



Photograph 102306Hardee 066



Photograph 102306Hardee 070



Photograph 102306Hardee 074



Photograph 102306Hardee 076



Photograph 102306Hardee 077



Photograph 102306Hardee 078



Photograph 102306Hardee 079



Photograph 102306Hardee 081



Photograph 102306Hardee 083



Photograph 110806Hardee 003



Photograph 110806Hardee 004



Photograph 110806Hardee 005



Photograph 110806Hardee 006



Photograph 110806Hardee 007



Photograph 110806Hardee 008



Photograph 110806Hardee 009



Photograph 110806Hardee 010



Photograph 110806Hardee 011



Photograph 110806Hardee 012



Photograph 110806Hardee 013



Photograph 110806Hardee 014



Photograph 110806Hardee 015



Photograph 110806Hardee 017



Photograph 110806Hardee 019



Photograph 110806Hardee 020



Photograph 110806Hardee 028



Photograph 110806Hardee 053



Photograph 110806Hardee 054



Photograph 110806Hardee 060



Photograph 110806Hardee 061



Photograph 110806Hardee 063



Photograph 110806Hardee 064



Photograph 110806Hardee 065



SCS ENGINEERSDept. of Environmental
Protection

OCT 13 2006

Southwest District

October 13, 2006
File No. 09199033.16Susan J. Pelz, P.E. *Jul 21*
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637Subject: Monthly Progress Report - September 19, 2006 to October 13, 2006
Hardee County Landfill Phase II Section I
Landfill Expansion Construction
Construction Permit No. 38414-008-SC/01

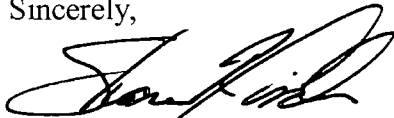
Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report per Specific Condition Number B.6.b of the construction permit for the Hardee County Landfill Phase II Section I Landfill Expansion Construction. The attached monthly report covers the month of September 19, 2006 through October 13, 2006 and includes the following:

- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
- 2) A summary of submittals and change order requests.
- 3) Progress meeting minutes.
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

Please place this Monthly Progress Report into the 3-ring Project Binder that was previously submitted to the Florida Department of Environmental Protection in September.

Sincerely,

Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERSC. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County
Offices Nationwide

1. SUMMARY OF ACTIVITIES SEPTEMBER 19, 2006 TO OCTOBER 13, 2006

On behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is submitting this Monthly Progress Report summary for construction activities from September 19, 2006 to October 13, 2006 conducted for the Hardee County Landfill Phase II Section I Landfill Expansion Construction (project).

2. PROJECT OVERVIEW

- Substantial Completion of the project was established as February 8, 2007.
- Final Completion of the project was established as March 10, 2007.

3. PROJECTED SCHEDULE/CONSTRUCTION ACTIVITIES

The projected schedule and work completed to date listed below is based upon the most recent Comanco Environmental Corporation (Comanco) construction schedule.

- Comanco began mobilization onto the project site September 19, 2006.
- Chastain Skillman began preconstruction surveying activities to establish survey control and collect preconstruction topographic information from September 19, 2006 and is scheduled for completion by approximately October 18, 2006.
- Comanco began sedimentation and erosion control installation activities on approximately September 25, 2006 and completed installation on October 7, 2006.
- Comanco installed two temporary piezometers as required by the construction permit on October 5, 2006.
- Comanco began clearing and grubbing activities for the temporary dewatering ponds on approximately October 9, 2006. Comanco will be finished with the clearing and grubbing activities approximately October 14, 2006.
- Comanco began installation of the temporary dewatering ponds on October 10, 2006 and will be completed with these activities approximately October 25, 2006.
- Comanco began excavation to replace the leachate lines between manhole (MH) 6 and MH 7 and MH 7 to MH 8 on approximately October 10, 2006. Comanco will be finished with these activities approximately October 26, 2006.
- Excavation and dewatering of the stormwater management area is scheduled to begin approximately October 23, 2006 and be completed approximately November 28, 2006.

- Installation of the stormwater management area littoral zone and structures is scheduled for approximately November 9, 2006 through December 7, 2006.
- Excavation and dewatering of the landfill cell is scheduled for October 26, 2006 through December 1, 2006.
- The groundwater collection system is scheduled for installation from November 22, 2006 through January 8, 2007.
- Installation of the landfill cell subbase, liner materials, and piping is scheduled for December 11, 2006 through February 3, 2007.
- The sand protective cover is scheduled for installation from February 5, 2007 through March 1, 2007.
- The rain tarp will be installed from March 2, 2007 through March 6, 2007.
- The facility roadway construction is scheduled for February 28, 2007 through March 8, 2007.

4. SUMMARY OF SUBMITTALS/CHANGE ORDERS

Attached to the Weekly Construction Progress Meeting Summary Reports, contained in Attachment A, is a list of submittals reviewed to-date by SCS for the project.

No change order requests occurred during this reporting period.

5. CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Attachment A contains summary reports for the following Weekly Construction Progress Meetings.

- Construction Progress Meeting Number 1 - September 20, 2006
- Construction Progress Meeting Number 2 - September 27, 2006
- Construction Progress Meeting Number 3 - October 4, 2006

Construction Progress Meeting Number 4, conducted on October 11, 2006, will be finalized and submitted with the next monthly report to FDEP.

6. PHOTOGRAPHS

Photographs that are representative of the construction activities conducted during this reporting period are contained in Attachment B.

ATTACHMENT A
CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 1

September 20, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 1. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 1 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 1 for Hardee County Phase II Section I Landfill Expansion. The date is September 20, 2006 and the time is 10:07 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 1 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (the County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes,

please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

A draft of the Pre-Construction Meeting Minutes has been distributed.

SCS stated the County and SCS did not have any comments. Comanco is currently reviewing the Pre-Construction Meeting Minutes. Upon Comanco's review, the minutes of the Pre-Construction Meeting will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from the Pre-Construction Meeting.

No unfinished business was indicated.

2. PROJECT SCHEDULE

SCS stated that Comanco distributed their proposed Project Schedule.

SCS inquired of the current progress as it relates to the proposed Project Schedule.

Comanco stated they obtained the times from their bid estimate and the schedule is based on a 6 day work week. There is some overlap on the time lines and during those operations construction would require two crews.

Comanco stated the requirement to notify FDEP 14 days prior to dewatering activities would be short because Comanco plans to start dewatering on approximately October 2, 2006.

Comanco stated next week they plan to finish the sedimentation/erosion control installation.

Comanco stated the topographic survey should be complete in 3 weeks.

Comanco stated they would like to start the replacement of the existing 8-inch lines between the manholes on October 2, 2006.

Comanco continued to explain the logic behind the proposed Project Schedule.

Comanco inquired of the SCS Submittal Log.

SCS stated the Submittal Log was attached to the draft of the Pre-Construction Meeting Minutes sent out by email and would continue to send out the updated log each week.

SCS stated right now this Project Schedule is a proposed Project Schedule and would need to be refined as time goes on. Comanco should supply an updated Project Schedule every two weeks during the construction meeting.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated their goal is to complete the sedimentation/erosion control installation.

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect sedimentation/erosion control materials, HDPE pipe and fittings, erosion control fabric and No. 57 stone.

Comanco stated the surveyors would also be on site.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No construction conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they have two outstanding submittals remaining and they are listed on the submittal log.

Comanco handed SCS two additional submittals during the meeting.

Comanco talked about requests for information (RFI's) that they plan to submit.

6. CONTRACTOR ISSUES

Comanco stated they have signed contracts and certificates of insurance for all their planned subcontractors.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, September 27, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:39 a.m.

SCS ENGINEERS

WEEKLY CONSTRUCTION PROGRESS MEETING NO. 2

September 27, 2006 / 10:00 a.m.

Hardee County Phase II Section I Landfill Expansion

County Bid No. 0022506JL

MEETING MINUTES

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 2. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 2 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 2 for Hardee County Phase II Section I Landfill Expansion. The date is September 27, 2006 and the time is 10:04 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 2 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment. If you have any comments or questions, or concur with the draft meeting minutes, please

give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 1 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 1 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 1.

No unfinished business was indicated.

2. PROJECT SCHEDULE

SCS inquired of the current progress as it relates to the proposed Project Schedule.

Comanco stated they plan to submit an updated schedule next week.

Comanco stated there would be a minor change in the schedule for the items scheduled to start on October 2, 2006. Those items are going to be delayed 3 or 4 days due to manpower schedules of the pipe crew dedicated to the installation of the pipe between the manholes.

The sedimentation/erosion control and dewatering plans submitted to SCS might have a bearing on the schedule.

SCS stated they received those submittals and should be able to return them within in the next few days.

Comanco stated this week and next week they would be moving a large volume of equipment on site.

SCS inquired about who would be installing the piezometers.

Comanco stated they plan to install the piezometers themselves.

SCS inquired if the surveyors have the coordinate locations of the piezometers.

Comanco stated they did not know since the surveyors were not on site at this time.

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect their equipment and some materials to be delivered.

Comanco stated the surveyors and Nodarse would be on site.

Comanco stated they requested the QA/QC report from Nodarse.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

No construction conflicts were indicated.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they updated the submittal log but do not have the log available at this time. SCS stated they are on number 18 with 6 of the submittals in the review process.

Comanco stated they would like to have the submittals approved that could delay starting any operation.

SCS stated the submittals are good at this point.

Comanco stated they need to supply the qualification reports for the gravel and sand. The fabric and pipe is on site.

SCS inquired if there are any RFI's.

Comanco stated they sent RFI's to SCS in a package.

SCS stated at this time they did not look in the package that was received yesterday.

6. CONTRACTOR ISSUES

Comanco stated the topographic survey should be available in about 1 ½ weeks.

Comanco stated their in-house surveyor would be on site next week for their daily survey needs.

Comanco stated by the next meeting the sedimentation/erosion control should be complete except for the rip-rap. Comanco has not found a supply of rip-rap.

Comanco stated as soon as the sedimentation/erosion control is complete they plan to do test pits.

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7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, October 4, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:20 a.m.

SCS ENGINEERS**WEEKLY CONSTRUCTION PROGRESS MEETING NO. 3****October 4, 2006 / 10:00 a.m.****Hardee County Phase II Section I Landfill Expansion****County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Weekly Construction Progress Meeting No. 3. The meeting minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Construction Progress Meeting No. 3 Minutes please notify SCS. If there is no response within a reasonable time, the following minutes will be considered a permanent record along with the audio recording.

INTRODUCTION

SCS opened the meeting stating: This is Construction Progress Meeting No. 3 for Hardee County Phase II Section I Landfill Expansion. The date is October 4, 2006 and the time is 10:04 a.m. A sign in sheet is being passed around everyone please sign in.

The list of attendees for Construction Progress Meeting No. 3 was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Shane Fischer
- Dennis DuPont

C. Comanco

- Paul Moore
- Billy Wilson
- Rishi Vasudeva

1. MEETING MINUTES

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and

comment. If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next weekly meeting. Audiotapes are available for review.

The draft of Progress Meeting No. 2 Minutes has been distributed.

SCS stated the County, Comanco and SCS did not have any comments. Therefore, the minutes of Progress Meeting No. 2 will be entered as an official record document of the project.

SCS stated for all those present to speak up for the recording.

SCS inquired of any unfinished business from Progress Meeting No. 2.

No unfinished business was indicated.

2. PROJECT SCHEDULE

SCS inquired of the current progress as it relates to the proposed project schedule.

Comanco distributed an updated project schedule.

Comanco stated there would be a change for time in the schedule for items 1 through 11 of one week later. Item 11 reclaimed the week. Starting with item 12 the remainder would be back on the original time schedule.

The topographic survey should be complete and be available at the next progress meeting.

The sedimentation/erosion control is about 95% complete at this time.

SCS inquired of Comanco's work activity projected for next week.

Comanco stated they plan to start excavating the temporary dewatering ponds. Comanco should have a crew on site Monday or Tuesday to start on items 6 and 7 of the project schedule.

Comanco stated a 4-inch pump should be on site tomorrow to begin dewatering the storm water management area into the east borrow pit on Monday, October 9, 2006.

Comanco stated they plan to continue clearing and moving mulch.

Comanco stated they plan to install the piezometers tomorrow (Thursday, October 5, 2006).

SCS inquired of Comanco's proposed working hours.

Comanco stated the hours would remain the same until further notice of 7:30 a.m. to 5:30 p.m. Monday through Friday. Comanco requested to work this Saturday (October 7, 2006) to remove

trees in the west pond area, move mulch and place erosion control in an area to the southwest of the closed landfill area. We would like to show the County after the meeting.

The County and SCS had no objections.

SCS inquired of subcontractors and materials expected on site.

Comanco stated they expect to start having sand delivered for the pipe replacement between manholes.

Comanco stated the surveyors might be on site.

3. FIELD ORDERS

SCS stated there were no field orders this last week.

4. CONSTRUCTION CONFLICTS

Comanco stated they had a subcontractor on site to quote a price to move the electric panel at the leachate lift station during the pipe replacement. There is a conflict with regard to the existing liner and the pipe which we should look at after the meeting.

5. CONTRACTOR SUBMITTAL STATUS

SCS stated they updated the submittal log but do not have the log available at this time. SCS stated they did not receive any new submittals this last week.

Comanco stated they would have some submittals to turn in soon.

SCS inquired if there are any RFI's.

Comanco stated they sent an RFI related to the ground water elevation change in the piezometers during dewatering operations.

SCS stated they would need to call FDEP in regard to the ERP for this issue.

6. CONTRACTOR ISSUES

Comanco inquired of the status for Change Order No. 1.

SCS stated there is just some paper work involved but there would not be any change to the cost.

Comanco inquired about getting a copy of the specifications for the GCL.

SCS stated the Permit Modification Request went to FDEP yesterday and would email the specifications to Comanco today.

Comanco discussed some items on the drawings with SCS for clarification.

SCS stated these are issues that SCS would need to discuss with FDEP.

Comanco stated Earth Balance would be a subcontractor doing the work on the littoral shelf and sod.

Comanco stated the electric control panel would be removed; Comanco would install the pipe and then replace the panel in the same location before it was removed.

7. COUNTY ISSUES

The County stated they do not have any issues.

8. ENGINEER'S ISSUES

SCS stated they do not have any issues at this time.

9. SITE SAFETY AND HOUSEKEEPING

SCS stated site safety and housekeeping is the responsibility of the contractor.

10. OTHER ISSUES

No other issues were indicated.

SCS stated the next meeting would be Wednesday, October 11, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 10:37 a.m.

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: October 12, 2006, DHB

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
1	COMANCO Installer Information	02776-6 1.04.B.1 1.04.B.2 1.04.B.4 1.04.B.5	8/14/2006	NE NE NE NE	8/23/2006
2	TENAX Tri-Planar Geocomposite Manufacturer Product Information TENAX TenDrain 770-2 Samples (5)	02930-1 1.03.B.2 1.03.B.4 1.03.B.6 1.03.B.7 1.03.B.8 1.03.B.9.11	8/14/2006	RRR NE NE NE NE NE	8/23/2006
3	GSE Geomembrane Manufacturer Product Information GSE HD Textured HDPE Liner 60 mil Samples (5)	02776-5 1.04.A.1 1.04.A.6 1.04.A.13 1.04.A.14	8/17/2006	NE NE NE NE	8/23/2006
4	GSE Bi-Planar Geocomposite Manufacturer Product Information GSE PermaNet HL Samples (4)	02931-1 1.03.B.1 1.03.B.4 1.03.B.5 1.03.B.6 1.03.B.7 1.03.B.8	8/17/2006	RRR NE NE NE NE NE	8/23/2006
5	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 600	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
6	TENAX Tri-Planar Geocomposite Manufacturer Quality Control Results Batch 601	02930-3 1.03.C 1.03.B.10	8/21/2006	NE NE	8/24/2006
7	GSE Liner Manufacturer Quality Control Results	02776	email	NE	9/4/2006
8	RH Moore & Company Supplemental Specifications	01568-2 2.01-A	8/25/2006	NE	9/19/2006
9	GSE Geomembrane Manufacturing Quality Control Results	02776-7 1.04.C 1.04.D 1.04.E,F	8/31/2006	NE NE NE	9/19/2006
10	Raven Industries Technical Specifications	02941-1 1.02-A,B,C	9/5/2006	NE	9/19/2006
11	Comanco Bid Security Bond	0100-13	9/18/2006	NE	9/19/2006

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

SUBMITTAL/SHOP DRAWING LOG

Project Name: Phase II Section I Landfill Expansion Project No. 09199033.16
Hardee County Landfill Log Updated: October 12, 2006, DHB

Ref Number	Description	Specification Reference	Date Received	Status ¹	Date Returned
12	Comanco Safety Plan	0700-29	9/18/2006	NE	10/9/2006
13	Sligo Systems	11200-2 1.03.A 1.03.B	9/18/2006	RR	10/10/2006
14	Construction Schedule	01311-1	9/20/2006		
15	Photographic Record	01050-5	9/20/2006	NE	10/9/2006
16	Daily Force Report	01300-8 1.14	9/26/2006	NE	10/9/2006
17	Verification of Accuracy of Drawings and Specifications	0830-4	9/26/2006	RN	10/9/2006
18	Dewatering Plan	00800 B.4.c	9/26/2006	NE	10/9/2006
19	Erosion and Sedimentation Control	02140-1 1.03.A	9/26/2006	NE	10/9/2006
20	Pipe Systems	15060-1 1.03.A 1.03.B 1.03.C 1.03.D 1.03.E 1.03.F 1.03.G	9/26/2006	NE NE NE NE NE NE NE	10/9/2006
21	Groundwater Collection System Rock	02220-5 2.05.A 2.05.B	9/26/2006 email	NE NE	10/9/2006
22	COMANCO Safety Plan Trenching and Excavation Confined Space Plans	02220-2 1.06 A 1.06 B	9/28/2006	RN RN	10/9/2006
23	Qualification of Geotechnical Consultant	02220-4 1.06 D	9/28/2006	NE	10/9/2006
24	CQC Plan	02212-2 1.03.B	10/11/2006		
25	Protective/Drainage Sand Layer	02220-5 2.06.A	10/11/2006		
26	Project Managers Monthly Report	01300-7 1.10	10/11/2006		

¹ Status Legend

NE - No Exception Taken

AR - Amend and Resubmit

NR - Not Reviewed

RN - Reviewed with Comments as Noted

MC - Make Corrections Noted

RRR - Rejected, Contractor must Revise and Resubmit

RR - Revise and Resubmit

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Landfill Phase II Section I Landfill Expansion Construction
Hardee County, Florida
File No. 09199033.16
Monthly Report Photos 10/13/06

File Name	Date	Description
100306Hardee 007	9/19/2006	Construction trailers - photo looking northwest.
100306Hardee 010	10/3/2006	Floating turbidity barrier - photo looking west.
100306Hardee 012	10/3/2006	Silt fence around scrap metal storage area - photo looking northeast.
100306Hardee 013	10/3/2006	Signs installed marking wetlands - photo looking east.
100306Hardee 015	10/3/2006	Silt fence near stormwater pond - photo looking west.
100306Hardee 016	10/3/2006	Typical silt fence installation (trenched in).
100306Hardee 018	10/3/2006	Floating turbidity barrier - photo looking south.
100306Hardee 021	10/3/2006	Silt fence - photo looking east.
100306Hardee 022	10/3/2006	Silt fence - photo looking west.
100306Hardee 023	10/3/2006	Silt fence - photo looking west.
100306Hardee 026	10/3/2006	Silt fence - photo looking east.
100306Hardee 027	10/3/2006	Typical signs installed marking wetlands.

Photograph 100306Hardee 007



Photograph 100306Hardee 010



Photograph 100306Hardee 012



Photograph 100306Hardee 013



Photograph 100306Hardee 015



Photograph 100306Hardee 016



Photograph 100306Hardee 018



Photograph 100306Hardee 021



Photograph 100306Hardee 022



Photograph 100306Hardee 023



Photograph 100306Hardee 026



Photograph 100306Hardee 027



SCS ENGINEERS

September 26, 2006
File No. 09199033.16

Susan J. Pelz, P.E. *9/26*
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Dept. of Environmental
Protection

SEP 26 2006

Southwest District

Subject: Hardee County Landfill
Phase II Section I Landfill Expansion Construction
Permit Number 38414-008-SC/01
Pre-construction Meeting Minutes

Dear Ms. Pelz:

In accordance with Specific Condition B.5 of Construction Permit No. 38414-008-SC/01 for the Hardee County Landfill - Phase II Section I Expansion Construction, and on behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is supplying the Florida Department of Environmental Protection (FDEP) a copy of the minutes from the Pre-construction Meeting held on September 12, 2006.

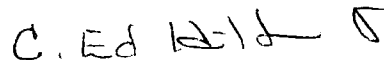
A list of the attendees for the Pre-construction Meeting is included within the minutes.

Please do not hesitate to call should you have any questions or require additional information.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS



C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

cc: Teresa Carver, Hardee County Solid Waste Director

SRF/CEH:srf



SCS ENGINEERS**PRE-CONSTRUCTION MEETING****September 12, 2006 / 10:00 a.m.****Hardee County Phase II Section I Landfill Expansion
County Bid No. 0022506JL****MEETING MINUTES**

The following is a transcription from the audio recording of the Pre-Construction Meeting Minutes. The Pre-Construction Meeting Minutes transcript is SCS Engineers (SCS) understanding of highlighted subjects discussed during the subject meeting. Upon review, the minutes will become a supporting record to the audio recording of the project. Should you require any additions or changes to the Pre-Construction Meeting Minutes please notify SCS. If there is no response within a reasonable time period, the following minutes will be considered a permanent record along with the audio recording.

1. INTRODUCTION

SCS opened the meeting stating: This is the Pre-Construction Meeting for the Hardee County Phase II Section I Landfill Expansion. The date is September 12, 2006 and the time is 10:13 a.m. A sign in sheet is being passed around, everyone please sign in.

This meeting is being audio recorded for the purpose of generating progress-meeting minutes. The meeting minutes will be transcribed from the meeting recordings. Draft copies of the meeting minutes will be submitted to the contractor (Comanco) and Hardee County (County) for review and comment.

If you have any comments or questions, or concur with the draft meeting minutes, please give us a call. SCS will finalize the minutes and distribute them at the next meeting. Audiotapes are available for review.

SCS stated for all those present to speak up for the recording.

The list of attendees for the Pre-Construction Meeting was as follows:

A. Hardee County

- Teresa Carver

B. SCS Engineers

- Ed Hilton
- Shane Fischer
- Dominique Bramlett

- Dennis DuPont

C. Comanco

- Paul Moore
- Rishi Vasudeva
- Billy Wilson

D. FDEP

- Mary Ellen (via conference call)

E. Nodarse & Associates, Inc.

- Danielle Kapanowski
- Craig Anstett

2. CONSTRUCTION DOCUMENT MODIFICATIONS

SCS stated they would like to step out of sequence of the agenda to talk about the Environmental Resource Permit (ERP) so the FDEP ERP section would not be required to remain on the phone during the entire meeting.

SCS stated the modified ERP dated July 10, 2006 has been distributed to Comanco. The Modified Construction Permit from the Solid Waste Section dated August 8, 2006 has also been distributed to Comanco. Comanco agreed they have received both the modified Construction Permit and ERP. The first issue of the ERP is dewatering. SCS has to notify the ERP section of FDEP 48 hours prior to beginning any dewatering activities. Comanco is required to provide a Dewatering Plan to SCS for review which will need to be submitted to FDEP 14 days prior to any dewatering activities.

Comanco stated they have a few weeks of preparation for the sediment/erosion control such as silt fencing and hay bales.

SCS stated the drawings indicate the placement of silt fence and hay bales for controlling turbidity and erosion during construction. SCS inquired of Comanco the schedule for the installation of the turbidity/erosion control.

Comanco stated, as soon as possible, the materials should be arriving on site today. Some of the areas where the hay bale check dams are to be installed are under water. The on site crew is bush-hogging the site so the location of the silt fence can be staked.

Comanco stated the only items they are currently doing in the field is setting up the field offices and surveying the locations for the turbidity/erosion controls.

SCS stated that they would be inspecting the silt fence and hay bales daily to verify they are maintained during the entire construction process. SCS inquired of the schedule for installing the temporary piezometers as called out in Specific Condition No. 33 of the ERP.

Comanco stated they could only find one location of the piezometers on the drawings.

SCS indicated the location of the remaining piezometer on the construction drawings.

Comanco stated the installation of the piezometers is three weeks out.

SCS stated the rookery planting and the modification to the littoral zone is part of the ERP but not part of this contract with Comanco.

Comanco stated they were unsure if these items are required to be complete before the start of construction or before the County accepts the project.

SCS stated these items would have to be completed before the County accepts the project.

SCS stated the planning of the littoral zone has to be complete 90 days from the issuance of the ERP so the date would be October 10, 2006. Strickland Environmental is currently working on this and is almost complete.

FDEP stated the stormwater activity description is in General Condition No. 8. The entire stormwater system has to be constructed prior to beneficial occupancy of the facility, constructed and transferred to operation.

FDEP stated the best management practices (BMP's) are required to be in place prior to commencement of construction as stated in Specific Condition No. 18.

FDEP stated Specific Condition No. 23 relates to installation of rip-rap at the outfalls of ditches and culverts.

FDEP stated Specific Condition No. 25 relates to dewatering discussed earlier.

FDEP stated Specific Condition No. 29 relates to restoring to grade and stabilizing the temporary construction dewatering ponds within 30 days of completing the dewatering activities.

FDEP stated Specific Condition No. 33 relates to monitoring the piezometers mentioned earlier. A report is required to be submitted indicating monitoring at the beginning of each day and every 4 hours during dewatering. Specific Condition No. 34 states within 30 days of completing the dewatering, the report should be submitted to FDEP.

FDEP stated Specific Condition No. 35 relates to the as-built of the temporary construction dewatering ponds which should be part of the survey requirements of Specific Condition No. 13.

FDEP stated Specific Condition No. 36 relates to the wetlands weir.

FDEP restated that the littoral zone plantings are required to be at a rate of 35% coverage.

FDEP stated the topographic survey should be submitted within 90 days issuance of the ERP.

FDEP stated Specific Condition No. 41 relates to the completion of the stormwater system prior to transferring to operation phase.

FDEP stated Specific Condition No. 43 relates to the Operation and Management Report.

FDEP stated Specific Condition No. 49 relates to the wetland signs that need to be installed.

FDEP stated there needs to be a visual buffer.

FDEP stated the notice of construction commencement must be sent 48 hours prior to initiation of construction activities.

FDEP terminated their conference call.

3. PROJECT SCHEDULE

SCS stated once Comanco submits the Project Schedule, Comanco would need to submit to SCS an updated Project Schedule every 2 weeks during the construction meeting. SCS stated an updated monthly report is required for submittal to FDEP by the 15th of each month.

SCS inquired about a draft Project Schedule and the current progress.

Comanco stated they are working on the logic of the schedule and did not want to rush and have the schedule accurate just to have the schedule ready for the meeting.

Comanco stated they have been spending allot of time to locate a clay source. Comanco, along with assistance from Nodarse, are working on a chart with test results of the clay material available.

Comanco inquired of Nodarse the status of the chart.

Nodarse stated there should be more information available today.

Comanco stated they should have the chart finalized and submitted next week.

Comanco stated the clay sources they have tested did not meet all of the technical specifications. The clay will be the most difficult item for the schedule of the entire project. Comanco expects to begin the clay installation within 90 days.

Comanco stated they expect to spend 4 weeks for sediment/erosion control, 2 weeks to dewater, 3 weeks to move 8,000 cubic yards (CY) of material and then construct the first pond.

Comanco stated if they currently had an approved clay source, it would take a month of work to install.

Comanco stated there would be a cost savings and time savings for the County if Comanco could install GCL rather than the clay layer. Comanco stated they could save 8 weeks of project time and thousands of dollars if a GCL was installed rather than the clay layer.

SCS stated the issue is that the use of GCL would require a permit modification and that would take at least 60 to 90 days for approval from FDEP.

Comanco stated they would spend the next month just trying to find a clay source.

Discussion was held related to the clay sources tested, testing conducted to date, and schedule.

Comanco stated next week they would submit the Project Schedule and the chart of the test results from the clay sources tested to date.

Comanco stated this week they expect to receive material for sediment/erosion control and hook up the office trailers with electric and sanitary facilities. Comanco has a purchase order with Lane Pipe for the perforated and solid pipe. Next week Comanco expects to receive pipe, fabric and rip-rap.

Comanco stated they are having a meeting tomorrow on site with the surveyors to get the initial layout for the erosion controls.

Comanco stated they would like to start the pipe replacement between the manholes as soon as they can.

Comanco stated they would like to set up a grid and dig some test pits.

Comanco stated they intend to submit some a Safety Plan, Dewatering Plan, up-front reports and subcontractors for approval.

Proposed working hours are 7:30 a.m. to 5:30 p.m. Monday through Friday.

SCS stated there is some flexibility for the working hours and the days worked. SCS and the County are willing to work with Comanco on these items. An update of the proposed working days and hours will be provided by Comanco during the weekly construction meetings.

SCS stated we already discussed subcontractors and materials expected on site. Comanco stated they have a list of these items they are going to submit. Nodarse is going to be Comanco's geotechnical consultant, Chastain Skillman is going to be the surveyor, the general electrician is

Mr. Albright and another electrician will be used for the control panels. Comanco will supply the list of subcontractors and contacts and should have the list for the next meeting.

SCS stated the list would need to be submitted to FDEP as one of the permit requirements.

4. COMPLETION TIME AND LIQUIDATED DAMAGES

SCS stated the following dates are in the signed Notice to Proceed (NTP).

NTP Commencement Date - September 12, 2006
Substantial Completion (150 Days) - February 8, 2007
Final Completion (180 Days) - March 10, 2007

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5. CONSTRUCTION CONFLICTS

Comanco stated there is water building up in the area for the pipe replacement between manholes and they would like to know where the water should be pumped to.

The County stated the stormwater accumulated in these areas should be pumped into the nearby stormwater ditch.

Comanco stated they have a Health and Safety Plan to submit related to the trenching and confined space for the pipe replacement.

No other conflicts were indicated.

6. CONTRACTOR SUBMITTALS

SCS stated the submittals/shop drawings have been coming in a timely manner and SCS would continue to return them in a timely manner also.

Comanco stated there would be some submittals coming soon for the stormwater pump station and the concrete inlets structures.

SCS stated all RFI's, Field Orders and Change Orders would be submitted in writing. There would be times that issues arise and are discussed and decided in the field but those issues would be followed up in writing for project records.

7. APPLICATIONS FOR PAYMENT

Comanco stated they are working on the schedule of payments and would likely break down some of the larger items for ease of use.

SCS requested Comanco provide a draft to SCS for review prior to submitting the actual final pay application.

The County stated once the approved application goes to accounting the payment should be processed within two weeks.

Comanco inquired if a PDF of the pay application would be acceptable.

SCS stated for the draft pay application a PDF would be fine. SCS and the County would need one signed and notarized original for project records.

8. MAINTAINING RECORD DOCUMENTS

SCS stated that all the construction and shop drawings must be maintained on site as required by the construction permit.

9. CRITICAL WORK SEQUENCING

SCS inquired if Comanco had any comments other than what has already been discussed.

Comanco stated they would like to begin the ground water pumping system at the earliest date possible.

10. USE OF PREMISES, OFFICE AND STORAGE AREAS, SECURITY, HOUSEKEEPING, AND COUNTY'S NEEDS

SCS stated that these items have been discussed.

SCS inquired if Comanco would have a dumpster on site.

Comanco stated they would have a dumpster on site.

11. MAJOR EQUIPMENT DELIVERIES AND PRIORITIES

SCS stated that these items have been discussed.

12. CONTRACTOR ISSUES

No issues were indicated.

13. COUNTY ISSUES

The County inquired of when they would get a draft timeline.

Comanco stated they should have that completed by the next project meeting.

No other issues were indicated.

14. ENGINEER'S ISSUES

SCS stated the issues have been previously discussed during the meeting.

15. SITE SAFETY AND HOUSEKEEPING

SCS stated that site safety and housekeeping is the responsibility of the contractor.

SCS inquired of Comanco's safety meeting schedule.

Comanco stated they would submit a Health and Safety Plan for review that would contain the schedule for the regular meetings, of which a copy would be provided, and each day there is a tailgate meeting.

16. OTHER ISSUES

Comanco inquired of the wording related to the as-built of repairs to the geocomposite. Comanco would normally do this for geomembrane but not for geocomposite. Comanco stated that they would submit a RFI.

SCS stated the next meeting would be Wednesday September 20, 2006 at 10:00 a.m.

A taped record of this meeting is available.

This meeting is adjourned at 11:49 a.m.

SCS ENGINEERS

September 26, 2006
File No. 09199033.16

Susan J. Pelz, P.E. *9/21*
Solid Waste Program Manager
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637

Dept. of Environmental
Protection
SEP 26 2006
Southwest District

Subject: Hardee County Landfill
Phase II Section I Landfill Expansion Construction
Permit Number 38414-008-SC/01
Monthly Update

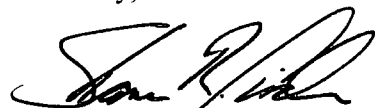
Dear Ms. Pelz:

On behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is submitting this 3-ring Project Binder to contain the Monthly Summary Reports generated during the duration of the above referenced project. SCS will submit Monthly Summary Reports by the 15th of each month that will summarize the following construction activities;

- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.),
- 2) A summary of submittals and change order requests,
- 3) Weekly progress meeting minutes, and
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (i.e., liner penetrations, lift station construction, etc.).

The Monthly Summary Reports will be forwarded to the Florida Department of Environmental Protection for insertion into this Project Binder. If you have any questions, please contact us.

Sincerely,



Shane R. Fischer, P.E.
Project Manager
SCS ENGINEERS



C. Ed Hilton, P.E.
Solid Waste Director
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County Solid Waste Director

