SCS ENGINEERS

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 05 2010
SOUTHWEST DISTRICT
TAMPA

Monthly Progress Reports
Hardee County Class I Landfill
Phase I Closure Construction

Permit Number 38414-012-SF/01

Hardee County, Florida

Prepared for:

Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873
(863) 773-5089

Presented by:

SCS ENGINEERS
4041 Park Oaks Blvd, Suite 100
Tampa, FL 33610
(813) 621-0080

File No. 09199033.21
October 5, 2010

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SCS ENGINEERS

October 5, 2010
File No. 09199033.21

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Dept. Of Environmental Protection
OCT 05 2010
Southwest District

Subject: Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01
Monthly Progress Reports Binder

Dear Susan:

On behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is providing the Florida Department of Environmental Protection (FDEP) a 3-ring project binder to contain the Monthly Progress Reports generated during the duration of the above-referenced project. SCS will submit the Monthly Progress Reports by the 15th of each month in accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction that will summarize the following construction activities:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. A summary of submittals and change order requests.
4. Weekly progress meeting minutes.
5. 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., bottom liner tie-ins, gas vent installation, etc.).

The Monthly Progress Reports generated during construction will be forwarded to FDEP for insertion into this project binder. 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

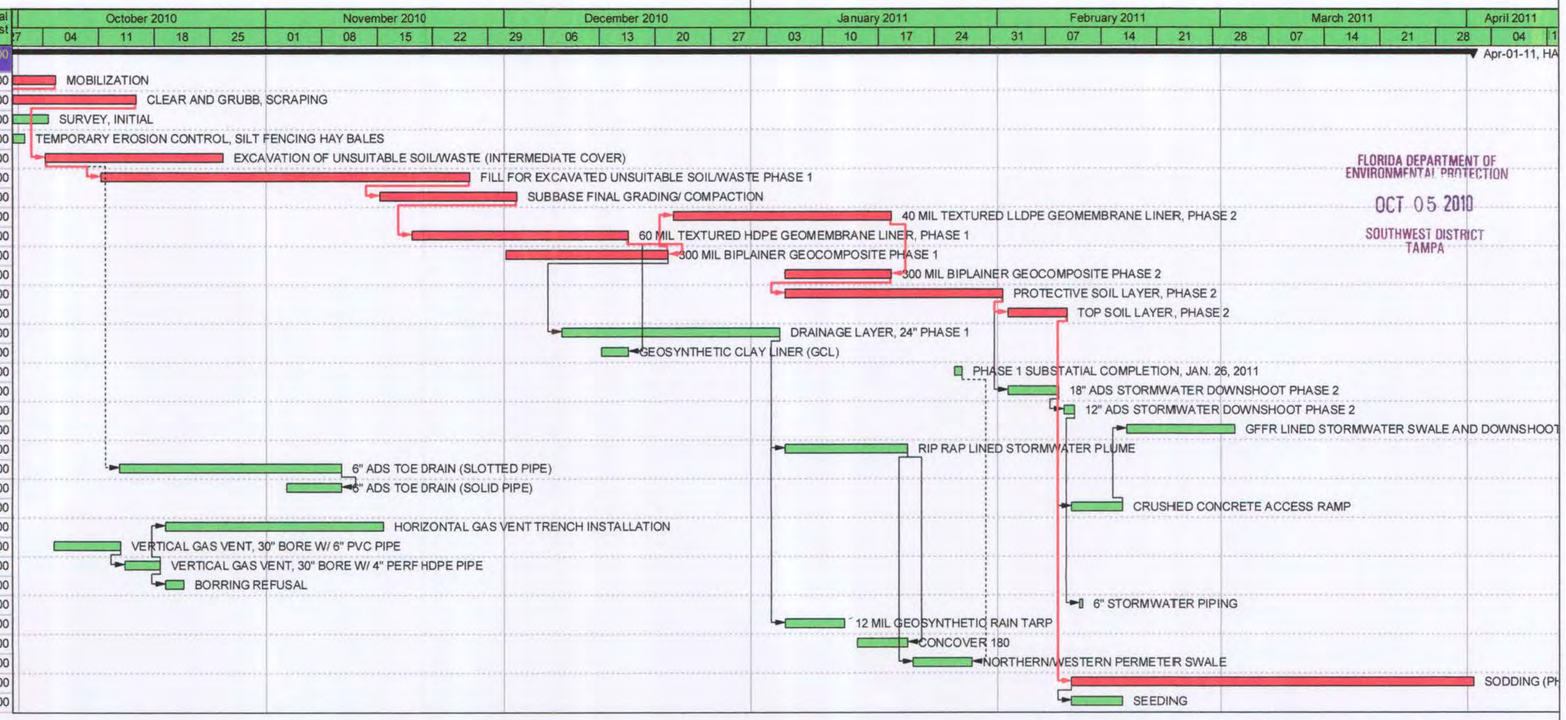
Ed Hilton

C. Ed Hilton, P.E.
Vice President
SCS ENGINEERS

SRF/CEH:srf
Attachments

cc: Teresa Carver, Hardee County Solid Waste Director, w/ Attachments

ID	Original Duration	Activity Name	Early Start	Early Finish	Critical	Total Float	Actual Cost
AR	132		Sep-30-10	Apr-01-11		-1	$0.00
A100	4	MOBILIZATION	Sep-30-10	Oct-05-10	☑	0	$0.00
A101	12	CLEAR AND GRUBB, SCRAPING	Sep-30-10	Oct-15-10	☑	-1	$0.00
A102	3	SURVEY, INITIAL	Sep-30-10	Oct-04-10	☐	128	$0.00
A103	2	TEMPORARY EROSION CONTROL, SILT FENCING HAY BALES	Sep-30-10	Oct-01-10	☐	129	$0.00
A104	17	EXCAVATION OF UNSUITABLE SOIL/WASTE (INTERMEDIATE COVER)	Oct-04-10	Oct-26-10	☑	-1	$0.00
A105	35	FILL FOR EXCAVATED UNSUITABLE SOIL/WASTE PHASE 1	Oct-11-10	Nov-26-10	☑	-1	$0.00
A106	14	SUBBASE FINAL GRADING/ COMPACTION	Nov-15-10	Dec-02-10	☑	-1	$0.00
A107	20	40 MIL TEXTURED LLDPE GEOMEMBRANE LINER, PHASE 2	Dec-22-10	Jan-18-11	☑	-1	$0.00
A108	20	60 MIL TEXTURED HDPE GEOMEMBRANE LINER, PHASE 1	Nov-19-10	Dec-16-10	☑	-1	$0.00
A109	15	300 MIL BIPLAINER GEOCOMPOSITE PHASE 1	Dec-01-10	Dec-21-10	☑	-1	$0.00
A110	10	300 MIL BIPLAINER GEOCOMPOSITE PHASE 2	Jan-05-11	Jan-18-11	☑	-1	$0.00
A111	20	PROTECTIVE SOIL LAYER, PHASE 2	Jan-05-11	Feb-01-11	☑	-1	$0.00
A112	6	TOP SOIL LAYER, PHASE 2	Feb-02-11	Feb-09-11	☑	-1	$0.00
A113	20	DRAINAGE LAYER, 24" PHASE 1	Dec-08-10	Jan-04-11	☐	44	$0.00
A114	4	GEOSYNTHETIC CLAY LINER (GCL)	Dec-13-10	Dec-16-10	☐	75	$0.00
A115	1	PHASE 1 SUBSTATIAL COMPLETION, JAN. 26, 2011	Jan-26-11	Jan-27-11	☐	46	$0.00
A116	5	18" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-02-11	Feb-08-11	☐	34	$0.00
A118	2	12" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-09-11	Feb-10-11	☐	34	$0.00
A120	10	GFFR LINED STORMWATER SWALE AND DOWNSHOOT PIPE OUTFALL ...	Feb-17-11	Mar-02-11	☐	21	$0.00
A121	12	RIP RAP LINED STORMWATER PLUME	Jan-05-11	Jan-20-11	☐	44	$0.00
A122	20	6" ADS TOE DRAIN (SLOTTED PIPE)	Oct-13-10	Nov-10-10	☐	102	$0.00
A123	5	6" ADS TOE DRAIN (SOLID PIPE)	Nov-03-10	Nov-10-10	☐	102	$0.00
A124	5	CRUSHED CONCRETE ACCESS RAMP	Feb-10-11	Feb-16-11	☐	21	$0.00
A125	20	HORIZONTAL GAS VENT TRENCH INSTALLATION	Oct-19-10	Nov-15-10	☐	98	$0.00
A126	7	VERTICAL GAS VENT, 30" BORE W/ 6" PVC PIPE	Oct-05-10	Oct-13-10	☐	98	$0.00
A127	3	VERTICAL GAS VENT, 30" BORE W/ 4" PERF HDPE PIPE	Oct-14-10	Oct-18-10	☐	98	$0.00
A128	3	BORRING REFUSAL	Oct-19-10	Oct-21-10	☐	115	$0.00
A129	1	6" STORMWATER PIPING	Feb-11-11	Feb-11-11	☐	34	$0.00
A130	6	12 MIL GEOSYNTHETIC RAIN TARP	Jan-05-11	Jan-12-11	☐	56	$0.00
A131	5	CONCOVER 180	Jan-14-11	Jan-20-11	☐	50	$0.00
A132	6	NORTHERN/WESTERN PERMETER SWALE	Jan-21-11	Jan-28-11	☐	44	$0.00
A133	37	SODDING (PHASE 2)	Feb-10-11	Apr-01-11	☑	-1	$0.00
A134	5	SEEDING	Feb-10-11	Feb-16-11	☐	31	$0.00



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 05 2010
SOUTHWEST DISTRICT TAMPA

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SCS ENGINEERS

September 23, 2010
File No. 09199033.21

Dept. Of Environmental Protection
OCT 05 2010
Southwest District

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Subject: Hardee County Class I Landfill Phase I Closure Construction
Permit Number 38414-012-SF/01
Pre-construction Meeting Notice

Dear Susan:

In accordance with Specific Condition B.5 of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is notifying the Florida Department of Environmental Protection (FDEP) of the scheduled date for the pre-construction meeting for the above-referenced project. The pre-construction meeting has been scheduled for Friday, September 24, 2010 at 10:00 a.m. at the Hardee County Class I Landfill. This location has been mutually agreed upon between the County, ERC General Contracting Services, Inc. (ERC) and SCS. A copy of the pre-construction meeting minutes will be submitted to FDEP within two weeks of the pre-construction meeting as required by Specific Condition B.5 of Construction Permit Number 38414-012-SF/01.

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.
Vice President
SCS ENGINEERS

SRF/CEH:srf

cc: Teresa Carver, Hardee County Solid Waste Director

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SCS ENGINEERS

October 5, 2010
File No. 09199033.21

Dept. Of Environmental Protection
OCT 05 2010
Southwest District

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Subject: Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01
Organization Chart

Dear Susan:

In accordance with Specific Condition B.4.a.2 of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is providing the Florida Department of Environmental Protection (FDEP) the attached organization chart that identifies the parties/roles for the above-referenced project.

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

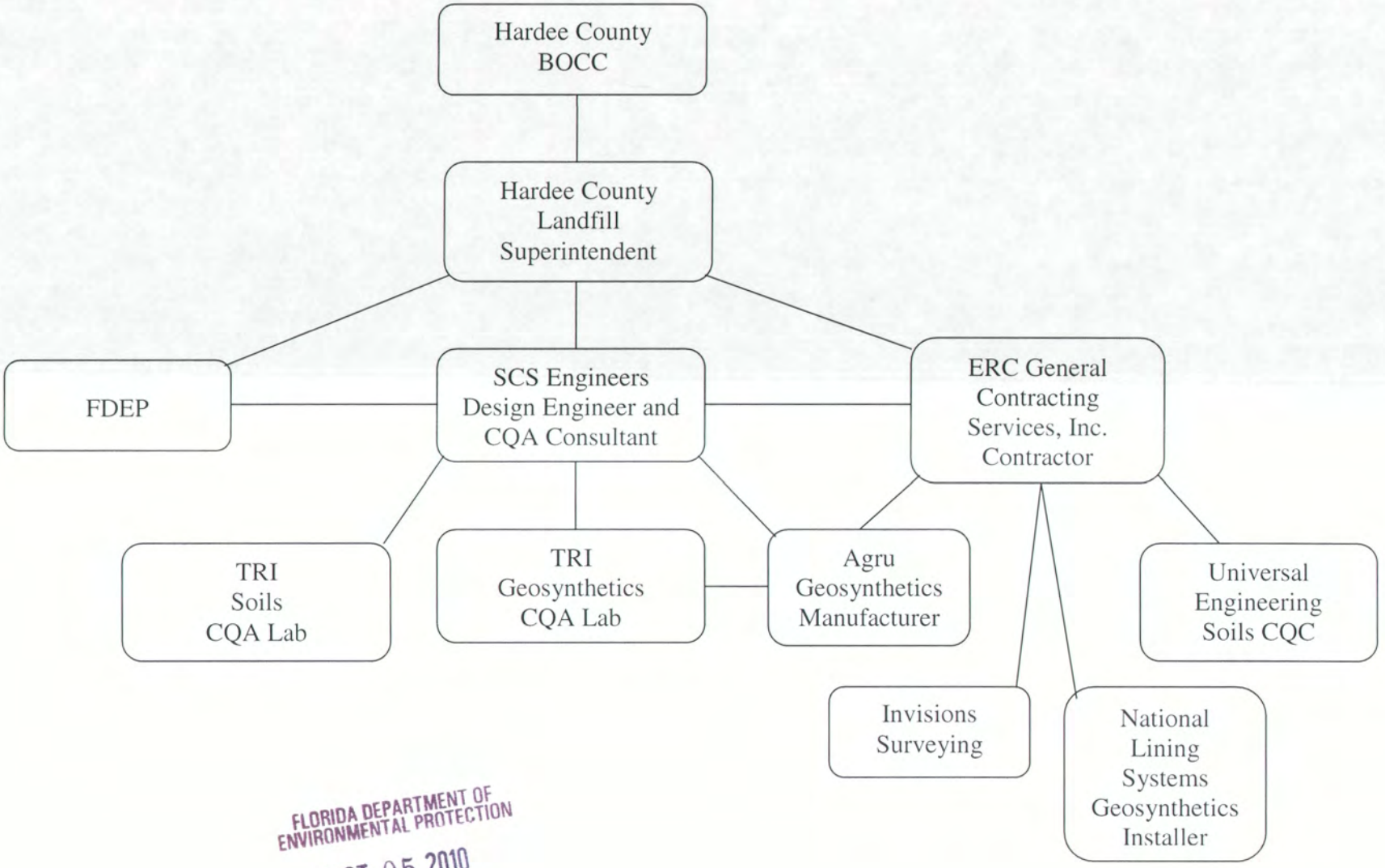
C. Ed Hilton, P.E.
Vice President
SCS ENGINEERS

SRF/CEH:srf

Attachments

cc: Teresa Carver, Hardee County Solid Waste Director, w/ Attachments

Project Organization Chart



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 05 2010
SOUTHWEST DISTRICT TAMPA

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SCS ENGINEERS

October 5, 2010
File No. 09199033.21

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Dept. Of Environmental Protection
OCT 05 2010
Southwest District

Subject: Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01
Construction Schedule

Dear Susan:

In accordance with Specific Condition B.6.a of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners, SCS Engineers (SCS) is providing the Florida Department of Environmental Protection (FDEP) a copy of the estimated construction schedule supplied by ERC General Contracting Services, Inc. (ERC) for the above-referenced project. The construction schedule includes estimated dates for each portion of construction for the above-referenced project.

An updated copy of the construction schedule will be submitted with the Monthly Progress Reports as required by Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01.

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.
Vice President
SCS ENGINEERS

SRF/CEH:srf

Attachments

cc: Teresa Carver, Hardee County Solid Waste Director, w/ Attachments

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D 10/12/10

SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
PRE-CONSTRUCTION MEETING
FILE NO. 09199033.21

Dept. Of Environmental Protection
OCT 08 2010
Southwest District

SEPTEMBER 24, 2010, 10:00 A.M.

PRE-CONSTRUCTION MEETING MINUTES
(Meeting will be audio recorded for the project record)

The following are the pre-construction meeting minutes for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Upon review, the minutes will become a supporting record to the audio recording of the pre-construction meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Shane Fischer (SCS) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project pre-construction meeting. The date is September 24, 2010 and the time is approximately 10:20 a.m. A sign in sheet is being passed around, everyone please sign in. This meeting is being audio recorded to generate pre-construction meeting minutes. A draft copy of the pre-construction meeting minutes will be submitted to ERC and the County for review and comment. If there are any comments or questions regarding the meeting minutes, please contact SCS. SCS will finalize the pre-construction meeting minutes and distribute them at the next construction progress meeting. The audio files will be on record at SCS and can be provided on request.

1) List of Attendees

i) Hardee County Staff
Teresa Carver — teresa.carver@hardeecounty.net

ii) SCS Engineers Staff
Shane Fischer — sfischer@scsengineers.com
Dennis Dupont — ddupont@scsengineers.com

iii) ERC General Contracting Services, Inc.
Jerry Pinder — jerry.pinder@ercflorida.com
Vaden Pollard — vpollard@embarqmail.com
Faye Pollard — fpollard@embarqmail.com

Jack Wiggins ERCJackW@AOL.com

iv) National Lining Systems
Mike Bowler mbowler@nationalliningsystems.com

v) BJD
Burton Mcleod blcitrus@strato.net
Mary Mcleod blcitrus@strato.net

2) Agreement, Bonds, Insurance Certifications, Etc.

i) All of the required Bonds, Insurance Certifications, etc. have been obtained by ERC and the Agreement is currently in the process of being signed by the Chairman of the Hardee County Board of County Commissioners. The signed Agreement is expected within the next couple days.

ii) There are no other outstanding Contract issues.

3) Contract Completion Time

i) Notice to Proceed - The Notice to Proceed date will be the same for both the South Slope Construction and the Remainder of the Construction.

ii) Notice to Proceed - Discussions were held during the meeting and agreed that it would be on October 4, 2010. SCS indicated that when the Agreement was executed the official Notice to Proceed letter would be forwarded to all parties.

(a) South Slope Construction

- Substantial Completion 120 Calendar Days from the Notice to Proceed
- Final Completion 145 Calendar Days from the Notice to Proceed
- The South Slope Construction (the Phase I area) has to be completed first. The south sideslope is the only area that has to be completed first it does not include the western sideslope. Discussions were then held regarding the exact limits of the area that was to be completed. SCS indicated that all final record documentation (asbuilt surveys, Construction Quality Control documentation, Manufacturer Quality Control documentation, liner/geocomposite installation records, etc.) were to be provided by ERC as quickly as possible. SCS will assemble the certification of construction documentation for this area as soon as possible. The certification documents will be forwarded to the Florida Department of Environmental Protection (FDEP) to obtain approval to begin filling of the area.

would be provided by the County supplying ERC a key to the gate. SCS also mentioned that a CQAR would be onsite all times ERC is onsite working and can also help assure the gate is locked as required.

7) Weekly Progress Meeting Schedule and Time

i) SCS indicated that a weekly construction project meeting will be conducted for the duration of the project. It was decided that every Friday at 10:00 a.m. the weekly meetings will be conducted.

ii) SCS and ERC concurred that a pre-liner installation meeting will be conducted at the appropriate time prior to installation of the liner.

8) Project Coordination and Responsible Personnel

i) Shane Fischer is the Project Manager for SCS. The contact for the County regarding the landfill is Teresa Carver. Questions regarding landfill operations or coordination may be directed by ERC directly to Teresa Carver, with follow-up documentation by the ERC Project Manager to the SCS Project Manager.

9) Submittal Distribution, Review and Approval

i) SCS mentioned that all submittals would be sent directly to Shane Fischer for review and approval. ERC and SCS agreed that as many of the submittals as possible will be done electronically through email and the SCS ftp site as needed. SCS will supply all individuals involved with the SCS ftp site address and notify them when a submittal has been placed on the site. Certain submittals as needed would be supplied in hard copy format. A minimum of five hard copies of certain submittals would be required when identified.

10) General Project Questions and Clarification

i) General discussions were held regarding future submittals that would be made regarding the liner and geocomposite panel layouts. In addition, the proposed installation of the geocomposite daylight into the terraces along the north and east sides was discussed. The geocomposite would be lined to the length as required, flipped for the daylight and restarted along the slope as required.

ii) The location and quantity of material required for the rain tarp was discussed that would be placed along the south sideslope. The area would be from the top of the sideslope, in between the west and east sideslope berms and down to the first terrace. The County indicated that they would supply tires to hold down the rain tarp as opposed to sand bags. General discussions were held of why the western sideslope was not lined with a rain tarp.

The County indicated they will initiate operations in this area as soon as the Operation Permit is issued by FDEP if airspace is needed. ERC will be required to work with the County staff to avoid potential operational conflicts.

(b) Remainder of the Construction

- Substantial Completion 180 Calendar Days from the Notice to Proceed
- Final Completion 210 Calendar Days from the Notice to Proceed

iii) Liquidated Damages Assessed - $2,500.00 for each consecutive calendar day beyond the contract time or the date allowed by the contract.

4) FDEP Construction Permit

i) SCS stated the FDEP Construction Permit for the project was received and is dated November 9, 2009.

ii) SCS mentioned that no other Department permits are required or have been obtained for the project.

iii) The County indicated that ERC may need to obtain a permit from the County for the temporary construction trailers and for the electrical connection. SCS mentioned that all other permits that are required for the project will be the responsibility of ERC to obtain.

5) Preliminary Project Schedule and Contractors Mobilization

i) A preliminary project schedule was provided by ERC at the pre-construction meeting. General discussions were held regarding the items as listed in the schedule and the proposed timeframe for the items and the overall project duration. SCS concurred that the level of detail and items as listed looked fine. SCS and ERC concurred that during the next week they would work together to finalize the Baseline Schedule for the project. SCS mentioned that a final Baseline Schedule would have to be submitted to FDEP within two weeks of the pre-construction meeting, approximately by October 8, 2010.

6) Allowable Work Times and Saturday Work

i) The County indicated that someone is usually onsite by about 7:00 a.m. ERC proposed normal working hours of Monday through Friday 7:00 a.m. to 5:30 p.m. In addition, ERC fuels the fleet equipment usually from around 5:30 p.m. to around 7:00 p.m. Saturdays will be decided as needed and the SCS Construction Quality Assurance Representative (CQAR) will be notified. SCS requested that ERC provide notice at least 24 hours in advance if Saturday work will be conducted. The County indicated that if ERC needed to work hours which the landfill was not open they do not object to it, access

iii) Discussions were held regarding grading that would be conducted to liner elevation and depth checks (such as pot holes) that would be required to verify specified intermediate cover was present. If sufficient intermediate cover was not present the area would have to be over-excavated as needed to provide the intermediate cover depth.

iv) Discussions were held regarding where and how the general fill and protective cover material was to be imported in for the project. The testing for the protective cover is currently being conducted and will be forwarded to SCS for review and approval.

v) SCS identified that interface friction angle tests for the subbase versus the 60 mil liner, geocomposite versus the 60 mil liner, and protective cover versus the geocomposite at the specified testing parameters are needed. SCS has to submit the test results to FDEP identifying the material meets the specifications prior to the material being installed.

vi) Request For Information (RFI) - SCS mentioned that RFI Forms will be provided for use by ERC. SCS requested that all requested information be placed in writing as much as possible and directed to Shane Fischer. Depending on the information requested, either an RFI Form should be submitted by ERC or at least the request documented in writing through an email.

11) Application for Payment

i) Application for Payment will be submitted by ERC to the SCS Project Manager. SCS will review the Application for Payment with the SCS CQAR for correct quantities, materials, etc. After review, SCS will sign the Application for Payment and forward it to Teresa Carver to sign off on it.

ii) SCS indicated that along with the Application for Payment ERC shall submit the required letter report documenting the Application for Payment and the monthly photographic documentation.

12) List of Subcontractors and Major Material Suppliers

i) SCS requested a list from ERC of all subcontractors and major material suppliers for the project. SCS indicated that an organization chart has to be supplied to FDEP which indicates all of the individuals involved in the project.

13) Electronic Version of Construction Documents (Plans, Specifications, Etc.)

i) ERC requested a conformed set of the final construction documents be provided which also include the Amendments during the bidding process. SCS indicated that a final set of conformed construction documents will be provided to ERC which will include the construction drawings, technical specifications, Amendments, CQA Plan, etc. An electronic version of the drawings and survey will also be provided.

14) Field Office Area, Contractor Staging Area, Temporary Utilities, Site Access

i) ERC is currently finalizing the setup of the field office trailers.

ii) ERC and the County are coordinating for the location of the staging area(s).

iii) The County indicated that ERC must make sure the gate is locked at the end of the day if deliveries or equipment maintenance is being conducted during non-landfill operating hours. SCS indicated that the CQA representative will also be onsite during periods when work is being conducted and will ensure the gate is locked.

15) Site Safety and Housekeeping

i) SCS indicated that ERC is responsible for site safety and housekeeping.

Shane Fisher

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
PRE-CONSTRUCTION MEETING
FILE NO. 09199033.21

SEPTEMBER 24, 2010, 10:00 A.M.

SIGN-IN SHEET

NAME	COMPANY	CELL PHONE	EMAIL
Shane Fischer	SCS Engineers	813-503-1044	Sfischer@scsengineers.com
FAYE Pollard	ERC	321-228-0619	fpollard@embargmail.com
JERRY L. PINDER	ERC	407-468-1046	JERRY.PINDER@ERCFLORIDA.COM
Vaden pollard	ERC	321-231-0208	VPollard@embargmail.com
MIKE BOWLER	NLS	239 691 6060	MBOWLER@NATIONALLINING SYSTEMS.COM
JACK WiGGins	ERC	863 441-0186	ERCJACKW@AOL.com
Burton Darwin McLeod	BJD	863-781-1900	BLCitrus@STRATO.NET
Mary Jane McLeod	BJD	863-781-1905	BLCitrus@STRATO.NET
Dennis DuPont	SCS Engineers	813-220-1923	DDuPont@SCSEngineers.com
Teresa CARVer	Hardee County	863-781-1114	teresacarver@hardeeCounty.net

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SCS ENGINEERS

October 15, 2010
File No. 09199033.21

MEMORANDUM

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FROM: Shane R. Fischer, P.E., Project Manager
C. Ed Hilton, P.E., Vice President CEH

Dept. Of Environmental Protection
OCT 15 2010
Southwest District

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 1 - September 24, 2010 to October 14, 2010
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from September 24, 2010 to October 14, 2010 and includes the following:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. Weekly progress meeting minutes.
4. Problem or work deficiency meeting minutes.
5. A summary of submittals and change order requests.
6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 1 - September 24, 2010 to October 14, 2010 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 15 2010
SOUTHWEST DISTRICT TAMPA

PROJECT OVERVIEW/CHANGE ORDERS

1. Notice to Proceed was issued by Hardee County on October 4, 2010.
2. The approved project schedule is as follows:
   a) South Slope Construction
      - Substantial Completion 120 Calendar Days from NTP - Start October 4, 2010
      - Final Completion 145 Calendar Days from NTP - To February 1, 2011

   b) Remainder of Construction
      - Substantial Completion 180 Calendar Days from NTP - Start October 4, 2010
      - Final Completion 210 Calendar Days from NTP - To May 2, 2011
3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. The pre-construction meeting was conducted on September 24, 2010.
2. The pre-construction survey was started on September 27, 2010.
3. ERC General Contracting Services, Inc. (ERC) began mobilizing equipment to the site on September 30, 2010.
4. Silt fence for sedimentation and erosion control has been installed.
5. Stripping of the south sideslopes of the project area began on October 1, 2010.
6. Rough grading of the south sideslope to liner elevation has been completed.
7. Stripping of the west sideslopes of the project area has started.
8. Installation of the vertical LFG vents for the entire project was initiated on October 6, 2010 and completed on October 8, 2010.
9. Installation of the horizontal LFG vent trenches has started on the south sideslope.

10. Weekly Construction Progress Meeting No. 1 was conducted on October 8, 2010.

Please refer to the construction schedule provided by ERC contained in Attachment A.

PHOTOGRAPHS

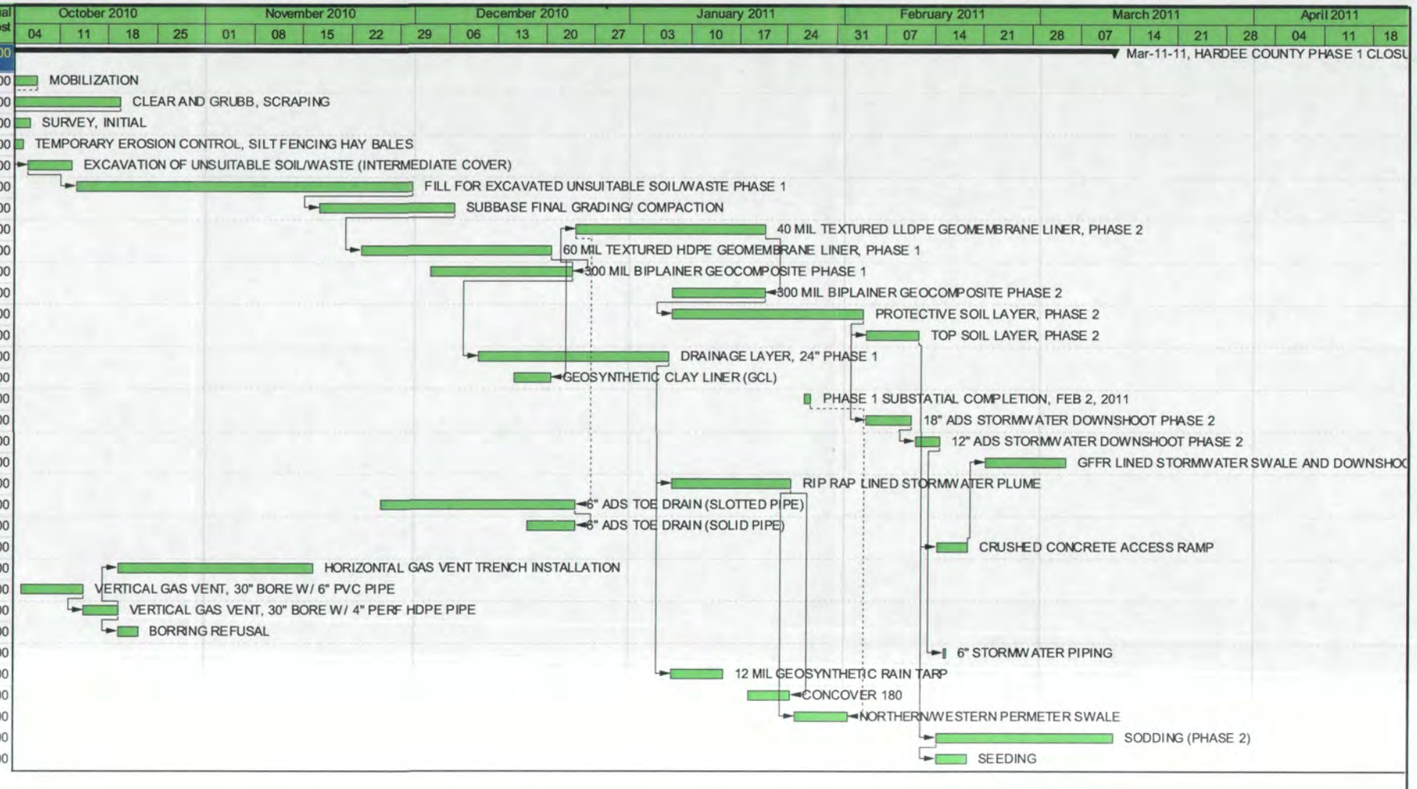
Please refer to Attachment B for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

CONSTRUCTION SCHEDULE

Activity ID	Original Duration	Activity Name	Early Start	Early Finish	Critical	Total Float	Actual Cost
HARD	117		Oct-04-10	Mar-11-11		17	$0.00
A1000	4	MOBILIZATION	Oct-04-10	Oct-07-10		18	$0.00
A1010	12	CLEAR AND GRUBB, SCRAPING	Oct-04-10	Oct-19-10		17	$0.00
A1020	3	SURVEY, INITIAL	Oct-04-10	Oct-06-10		129	$0.00
A1030	2	TEMPORARY EROSION CONTROL, SILT FENCING HAY BALES	Oct-04-10	Oct-05-10		130	$0.00
A1040	5	EXCAVATION OF UNSUITABLE SOIL/WASTE (INTERMEDIATE COVER)	Oct-06-10	Oct-12-10		17	$0.00
A1050	35	FILL FOR EXCAVATED UNSUITABLE SOIL/WASTE PHASE 1	Oct-13-10	Nov-30-10		17	$0.00
A1060	14	SUBBASE FINAL GRADING/ COMPACTION	Nov-17-10	Dec-06-10		17	$0.00
A1070	20	40 MIL TEXTURED LLDPE GEOMEMBRANE LINER, PHASE 2	Dec-24-10	Jan-20-11		17	$0.00
A1080	20	60 MIL TEXTURED HDPE GEOMEMBRANE LINER, PHASE 1	Nov-23-10	Dec-20-10		17	$0.00
A1090	15	300 MIL BIPLAINER GEOCOMPOSITE PHASE 1	Dec-03-10	Dec-23-10		17	$0.00
A1100	10	300 MIL BIPLAINER GEOCOMPOSITE PHASE 2	Jan-07-11	Jan-20-11		17	$0.00
A1110	20	PROTECTIVE SOIL LAYER, PHASE 2	Jan-07-11	Feb-03-11		17	$0.00
A1120	6	TOP SOIL LAYER, PHASE 2	Feb-04-11	Feb-11-11		17	$0.00
A1130	20	DRAINAGE LAYER, 24" PHASE 1	Dec-10-10	Jan-06-11		45	$0.00
A1140	4	GEOSYNTHETIC CLAY LINER (GCL)	Dec-15-10	Dec-20-10		76	$0.00
A1150	1	PHASE 1 SUBSTATIAL COMPLETION, FEB 2, 2011	Jan-26-11	Jan-27-11		49	$0.00
A1160	5	18" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-04-11	Feb-10-11		35	$0.00
A1180	2	12" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-11-11	Feb-14-11		35	$0.00
A1200	10	GFFR LINED STORMWATER SWALE AND DOWNSHOOT PIPE OUTFALL AREA	Feb-21-11	Mar-04-11		22	$0.00
A1210	12	RIP RAP LINED STORMWATER PLUME	Jan-07-11	Jan-24-11		45	$0.00
A1220	20	6" ADS TOE DRAIN (SLOTTED PIPE)	Nov-26-10	Dec-24-10		73	$0.00
A1230	5	6" ADS TOE DRAIN (SOLID PIPE)	Dec-17-10	Dec-24-10		73	$0.00
A1240	5	CRUSHED CONCRETE ACCESS RAMP	Feb-14-11	Feb-18-11		22	$0.00
A1250	20	HORIZONTAL GAS VENT TRENCH INSTALLATION	Oct-19-10	Nov-16-10		101	$0.00
A1260	7	VERTICAL GAS VENT, 30" BORE W/ 6" PVC PIPE	Oct-05-10	Oct-14-10		101	$0.00
A1270	3	VERTICAL GAS VENT, 30" BORE W/ 4" PERF HDPE PIPE	Oct-14-10	Oct-19-10		101	$0.00
A1280	3	BORRING REFUSAL	Oct-19-10	Oct-22-10		118	$0.00
A1290	1	6" STORMWATER PIPING	Feb-15-11	Feb-15-11		35	$0.00
A1300	6	12 MIL GEOSYNTHETIC RAIN TARP	Jan-07-11	Jan-14-11		57	$0.00
A1310	5	CONCOVER 180	Jan-18-11	Jan-24-11		51	$0.00
A1320	6	NORTHERN/WESTERN PERMETER SWALE	Jan-25-11	Feb-01-11		45	$0.00
A1330	20	SODDING (PHASE 2)	Feb-14-11	Mar-11-11		17	$0.00
A1340	5	SEEDING	Feb-14-11	Feb-18-11		32	$0.00



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 15 2010
SOUTHWEST DISTRICT
TAMPA

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

HC-7.1 Vertical component to drilled and awaiting final fill

HC-1A.2 – Vertical component of horizontal well drilled.

HC-

Vertical passive vent V-1 being drilled

Vertical vent V-1 with pipe installed

Vertical component HC-8.1 being installed

HC-1A.2 vertical component with pipe installed.

V-7 installed with pipe, awaiting fill

Workers assembling PVC pipe for vertical well.

Confirming depth drilled at V-3 location

Installing pipe at V-3

Drilling V-2

Installing pipe at V-2

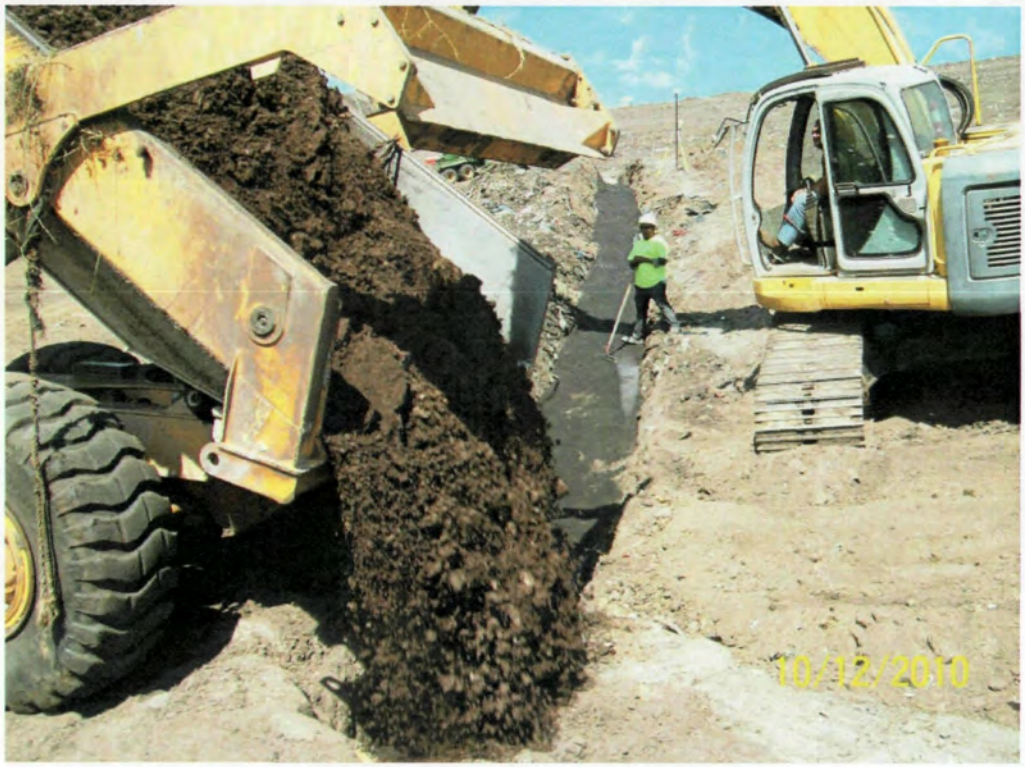
Removing stripped cover from west slope.

Excavating trench for horizontal collector HC-1A.

Laying geotextile fabric in trench HC-1A

HC-1A - Placing initial #57 rock bedding in trench before placing perforated HDPE collector pipe.

HC-1A - Pipe and additional rock cover installed, geotextile wrapped and overlaid.



HC-1A – Placing clean soil cover on top of geotextile wrap.

HC-1A – Trench to HC-1A.2 covered and completed.

HC-1A- Extending trench to HC-1A.1 from HC-1A.2

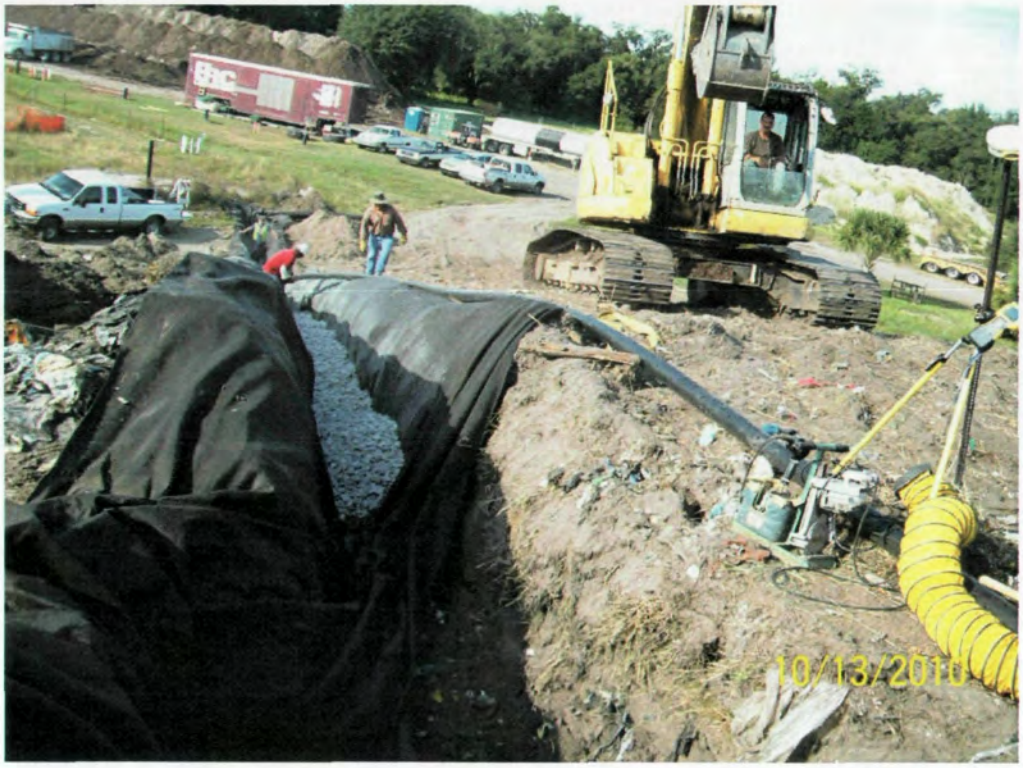
HC-1A- Trench with #57 stone, perforated pipe and geotextile laid.

HC-1A- recording location of vertical component HC-1A.1 in trench prior to backfilling with rock.

HC-1A- backfilling trench with rock to cover perforated pipe.

HC-1A – geotextile wrap completed.

HC-1B– Trench excavated and geotextile fabric prepared to be laid in trench



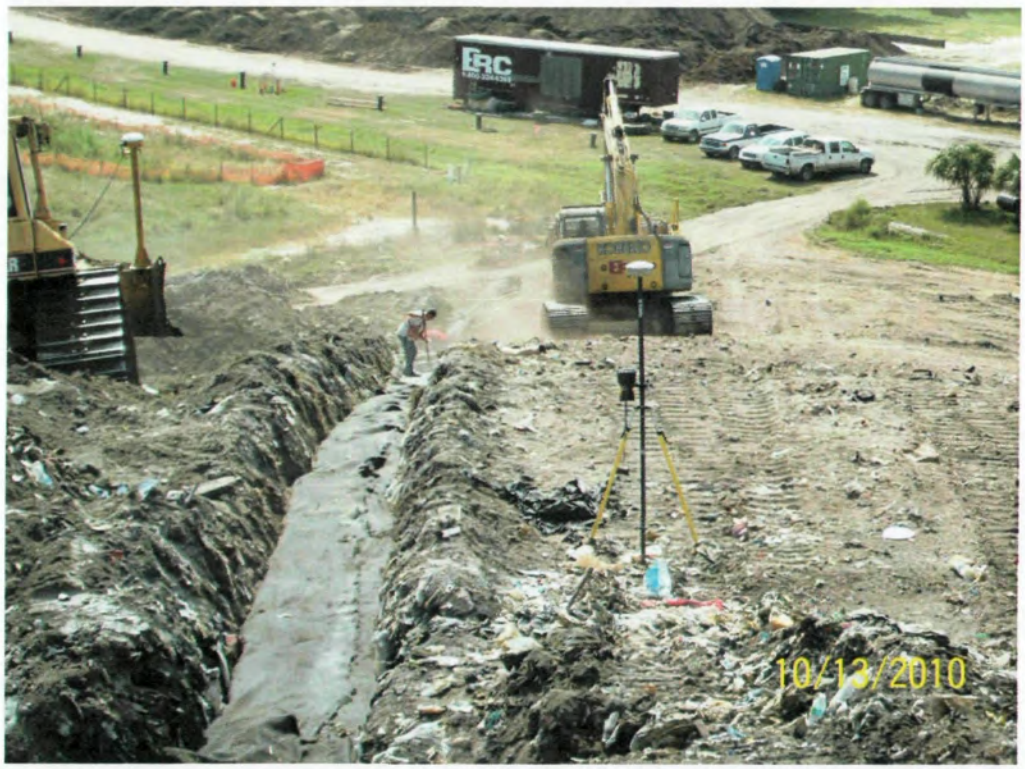
HC-1B- Rock bedding and geotextile laid in trench; perforated pipe being placed in trench.

HC-1B – rock cover being placed over perforated pipe

HC-1B – Clean soil cover being placed in trench over geotextile wrap.

Exposing geomembrane liner anchor trench at southern limits of Phase 1

HC-1B – Tee at vertical component of collector HC-1B.1



HC-1B – Wrapping geotextile

Fully exposed liner at southern limit of Phase 1

HC-1B covered and re-graded with clean soil

HC-1 vent riser completed.

Rough grading/stripping of East slope

HC-2 – Placing geotextile in newly excavated trench

HC-2 – Tie in to vertical component HC-2.2, and elbow to HC-2.1

HC-2 – Covering perforated pipe with rock

HC-2 – Perforated pipe covered and geotextile wrap

HC-2 – Tie-in to vertical component HC-2.1

HC-2 – Fusing perforated section to solid extension of pipe that leads to riser HC-2

HC-2 – Tie in to HC-2.2 filled and covered, end of collector section of HC-2 trench.

HC-2 – Clean soil cover at HC-2.2

HC-2 – backfilling trench/geotextile wrap with clean soil

HC-2 – Excavating trench from HC-2.2 to HC-2.1.

HC-2 – Placing rock bedding and pipe in trench

HC-2 – Geotextile wrap completed

Environmental Consultants
and Contractors

4041 Park Oaks Blvd.
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Tampa, FL 33610-9501

813 621-0080
FAX 813 623-6757
www.scsengineers.com

SCS ENGINEERS

November 15, 2010
File No. 09199033.21

MEMORANDUM

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FROM: Shane R. Fischer, P.E., Project Manager SRF
C. Ed Hilton, P.E., Vice President CEH

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 2 - October 15, 2010 to November 14, 2010
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from October 15, 2010 to November 14, 2010 and includes the following:

1. Updated construction schedule.

2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).

3. Weekly progress meeting minutes.

4. Problem or work deficiency meeting minutes.

5. A summary of submittals and change order requests.

6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 2 - October 15, 2010 to November 14, 2010 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

PROJECT OVERVIEW/CHANGE ORDERS

1. Notice to Proceed was issued to ERC General Contracting Services, Inc. (ERC) by Hardee County on October 4, 2010.

2. The approved project schedule is as follows:

   a) South Slope Construction

   - Substantial Completion 120 Calendar Days from NTP - To February 1, 2011
   - Final Completion 145 Calendar Days from NTP - To February 26, 2011

   b) Remainder of Construction

   - Substantial Completion 180 Calendar Days from NTP - To April 2, 2011
   - Final Completion 210 Calendar Days from NTP - To May 2, 2011

3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. The pre-construction survey was completed.
2. All erosion and sedimentation control was installed.
3. Stripping of the entire project area has been completed.
4. Rough grading of the south slope to liner elevation is complete, fine grading is ongoing.
5. Rough grading of the west, north, east and top slopes to liner elevation continues.
6. Installation of the vertical LFG vents and horizontal LFG vent trenches has been completed for the entire project.
7. The concrete cap was constructed over existing Manholes 5, 6 and 7.
8. Density testing of the south sideslope intermediate cover was conducted.

Dept. of Environmental Protection
NOV 15 2010
Southwest District

9. The existing geosynthetic liner system anchor trench located under the existing stormwater downchute located in the southeast corner of the project site is being exposed.

10. The liner anchor trench along the north side of the Phase II Section I area was exposed in preparation for liner installation along the south sideslope of the project area.

11. Piezometers P-1, P-2 and P-15 were abandoned on November 1, 2010 for preparation of liner installation per correspondence with FDEP.

12. Weekly Construction Progress Meeting No. 2, 3 and 4 were conducted on October 15, 22 and 29, 2010. A Weekly Construction Progress Meeting was not conducted on November 5, 2010 due to no construction activity taking place because of rain delays from November 4, 5 and 6, 2010. In addition, due to rain, November 8, 2010 was also granted to ERC as a rain day. The Weekly Construction Progress Meeting conducted on November 12, 2010 will be included in the next Monthly Progress Report to FDEP.

Please refer to the construction schedule provided by ERC contained in Attachment A.

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Please refer to Attachment B for the following Weekly Construction Progress Meeting Summary Reports.

- Construction Progress Meeting Number 2 Minutes - October 15, 2010.
- Construction Progress Meeting Number 3 Minutes - October 22, 2010.
- Construction Progress Meeting Number 4 Minutes - October 29, 2010.

PHOTOGRAPHS

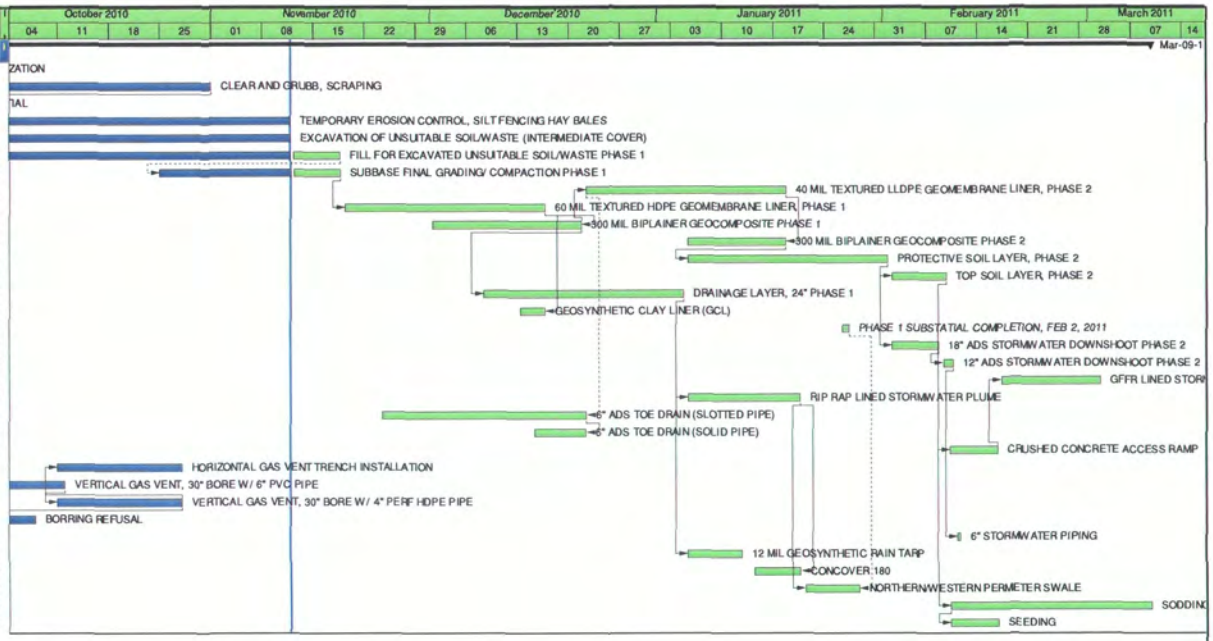
Please refer to Attachment C for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

CONSTRUCTION SCHEDULE

Activity ID	Original Duration	Activity Name	Early Start	Early Finish	Critical	Total Float
HARD	115		Nov-12-10	Mar-09-11		19
A1000	4	MOBILIZATION				
A1010	12	CLEAR AND GRUBB, SCRAPING				
A1020	3	SURVEY, INITIAL				
A1030	2	TEMPORARY EROSION CONTROL, SILT FENCING HAY BALES				
A1040	5	EXCAVATION OF UNSUITABLE SOIL/WASTE (INTERMEDIATE COVER)				
A1050	35	FILL FOR EXCAVATED UNSUITABLE SOIL/WASTE PHASE 1	Nov-12-10	Nov-18-10		24
A1060	14	SUBBASE FINAL GRADING/ COMPACTION PHASE 1	Nov-12-10	Nov-18-10		19
A1070	20	40 MIL TEXTURED LLDPE GEOMEMBRANE LINER, PHASE 2	Dec-22-10	Jan-18-11		19
A1080	20	60 MIL TEXTURED HDPE GEOMEMBRANE LINER, PHASE 1	Nov-19-10	Dec-16-10		19
A1090	15	300 MIL BIPLAINER GEOCOMPOSITE PHASE 1	Dec-01-10	Dec-21-10		19
A1100	10	300 MIL BIPLAINER GEOCOMPOSITE PHASE 2	Jan-05-11	Jan-18-11		19
A1110	20	PROTECTIVE SOIL LAYER, PHASE 2	Jan-05-11	Feb-01-11		19
A1120	6	TOP SOIL LAYER, PHASE 2	Feb-02-11	Feb-09-11		19
A1130	20	DRAINAGE LAYER, 24" PHASE 1	Dec-08-10	Jan-04-11		47
A1140	4	GEOSYNTHETIC CLAY LINER (GCL)	Dec-13-10	Dec-16-10		78
A1150	1	PHASE 1 SUBSTATIAL COMPLETION, FEB 2, 2011	Jan-26-11	Jan-27-11		49
A1160	5	18" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-02-11	Feb-08-11		37
A1180	2	12" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-09-11	Feb-10-11		37
A1200	10	GFFR LINED STORMWATER SWALE AND DOWNSHOOT PIPE OUTFALL AREA	Feb-17-11	Mar-02-11		24
A1210	12	RIP RAP LINED STORMWATER PLUME	Jan-05-11	Jan-20-11		47
A1220	20	6" ADS TOE DRAIN (SLOTTED PIPE)	Nov-24-10	Dec-22-10		75
A1230	5	6" ADS TOE DRAIN (SOLID PIPE)	Dec-15-10	Dec-22-10		75
A1240	5	CRUSHED CONCRETE ACCESS RAMP	Feb-10-11	Feb-16-11		24
A1250	20	HORIZONTAL GAS VENT TRENCH INSTALLATION				
A1260	7	VERTICAL GAS VENT, 30" BORE W/ 6" PVC PIPE				
A1270	3	VERTICAL GAS VENT, 30" BORE W/ 4" PERF HDPE PIPE				
A1280	3	BORRING REFUSAL				
A1290	1	6" STORMWATER PIPING	Feb-11-11	Feb-11-11		37
A1300	6	12 MIL GEOSYNTHETIC RAIN TARP	Jan-05-11	Jan-12-11		59
A1310	5	CONCOVER 180	Jan-14-11	Jan-20-11		53
A1320	6	NORTHERN/WESTERN PERMETER SWALE	Jan-21-11	Jan-28-11		47
A1330	20	SODDING (PHASE 2)	Feb-10-11	Mar-09-11		19
A1340	5	SEEDING	Feb-10-11	Feb-16-11		34



ATTACHMENT B

WEEKLY CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Environmental Consultants
and Contractors

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Suite 100
Tampa, FL 33610-9501

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

OCTOBER 15, 2010, 10:00 A.M.

PROGRESS MEETING NO. 2 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 2 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Shane Fischer (SCS) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No. 2. The date is October 15, 2010 and the time is approximately 11:00 a.m. A sign in sheet is being passed around, everyone please sign in.

1) List of Attendees

a) Hardee County

Teresa Carver	teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer	sfischer@scsengineers.com
Roger Hogg	rhogg@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard	vpollard@embarqmail.com
Jack Wiggins	ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 1 have not been finalized by SCS but will be distributed when completed.

b) Unfinished business

(1) SCS will provide five sets of conformed specifications and drawings to ERC.

3) Project Schedule

a) Progress and work activity anticipated for October 16 - October 22, 2010

(1) Stripping of the grass has been completed for the entire project area.

(2) The vertical landfill gas (LFG) well installation for the entire project was completed on October 9, 2010.

(3) Grading and filling along the south sideslope to the top of waste elevation has been completed. An asbuilt survey of the top of waste elevation was conducted.

(4) Grading and filling along the west sideslope to the top of waste elevation is underway and an asbuilt survey of the top of waste elevation will be conducted prior to placement of the intermediate cover material.

(5) Placement of the intermediate cover has started along the south sideslope. Cover material along the south sideslope should be completed by approximately October 27, 2010.

(6) An asbuilt survey will be performed along the south and west sideslopes to ensure that the required two foot thick intermediate cover is in place within the area that the 60 mil HDPE liner will be placed.

(7) Installation of the horizontal LFG collection trenches along the south sideslope has been completed with the exception of the tie-in to Manhole 7.

(8) Two of the horizontal LFG collection trenches need to be completed along the west sideslope. None of the horizontal LFG collection trenches have been started along the north or east sideslopes.

(9) Discussions were held indicating that leachate was collected and forwarded to TRI for the geosynthetic clay (GCL) material testing. Groundwater will be collected and forwarded to TRI also for the GCL testing.

b) ERC proposed working hours during this period

(1) ERC will work Monday through Friday 7:00 a.m. to 5:30 p.m.

c) Subcontractors and materials expected on site

(1) Subcontractors

- Peavey & Associates Surveying and Mapping

(2) Materials

- No. 4 stone
- General fill

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) Piezometer P-15 is within the project closure cap area, a determination will need to be made if this piezometer will need to be extended and booted through the closure liner or if it may be abandoned.

b) Elevation of the top of the manhole in the southeast corner of the project area needs to be verified.

6) Contractor's Submittals Status

a) Shop Drawings

(1) Currently up to date.

b) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time other than discussed in Section 5.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) Discussions were held regarding the topographic surveys that will be required for submittal prior to liner installation. An existing conditions survey, a survey of the grass stripped conditions, top of waste/bottom of intermediate cover and top of intermediate cover (liner elevation).

b) Each one of the surveys required for the project will be submitted seperately for review and approval by SCS.

c) After approval of the surveys they will be combined together such as top of intermediate cover elevation versus top of waste elevation to ensure that the required depth of material has been placed. Conducting the surveying in this manner will then not require pot holes to be conducted to verify the material depth placement.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 3 will be on site at the SCS field office trailer, October 22nd, 2010 at 1:00 pm.

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
CONSTRUCTION PROGRESS MEETING NO. 2
FILE NO. 09199033.21

OCTOBER 15, 2010, 10:00 A.M.

SIGN-IN SHEET

NAME	COMPANY	CELL PHONE	EMAIL
Steve Fischer	SCS Engineers	813-503-1044	Sfischer@scsengineers.com
Jack Wiggins	ERC Gen. Cont.	863-441-0186	ERCJACKW@Aol.com
Teresa Carver	Hardee County	863-773-5089	teresa.carver@hardeecounty
Vaden Pollard	ERC	321-231-0208	VPollard@emburgmail.com
Roger Hogg	SCS Engineers	(786) 853 1828	rhogg@scsengineers.com

Environmental Consultants
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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

OCTOBER 22, 2010, 10:00 A.M.

PROGRESS MEETING NO. 3 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 3 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No. 3. The date is October 22, 2010 and the time is approximately 10:06 a.m. A sign in sheet is being passed around, everyone please sign in.

1) List of Attendees

a) Hardee County

Teresa Carver	teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer	sfischer@scsengineers.com
Dennis DuPont	ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard	vpollard@embarqmail.com
Jack Wiggins	ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 2 have been distributed.

b) Unfinished business

(1) SCS provided five sets of conformed specifications and drawings to ERC during the meeting.

(2) SCS will provide a response to ERC regarding the issue of booting or abandoning 3 piezometers, pending discussion with FDEP.

(3) SCS is finalizing the requirements for TRI to conduct the material conformance sample collection and testing.

3) Project Schedule

a) Progress and work activity anticipated for October 23 - October 29, 2010

(1) Grading and filling along the west sideslope to the top of waste elevation is underway and an asbuilt survey of the top of waste elevation will be conducted prior to placement of the intermediate cover material.

(2) Fill around and capping manholes along the western side.

(3) Exposing tie-in to north, east and west existing liners.

(4) Placement of the intermediate cover along the south sideslope should be finished by approximately October 27, 2010.

b) ERC proposed working hours during this period

(1) ERC will work Monday through Friday 7:00 a.m. to 5:30 p.m.

c) Subcontractors and materials expected on site

(1) Subcontractors

- Peavey & Associates Surveying and Mapping

(2) Materials

- 3 rolls of rain tarp
- General fill

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) SCS returned Geocomposite, LLDPE & HDPE Liner, Bentonite, Excavation Plan and Health & Safety Plan, all good.

b) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time. The County stated ERC's pay application check should be signed today.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping. Truck counter should wear a reflective safety vest.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 4 will be on site at the SCS field office trailer, October 29th, 2010 at 10:00 am.

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
CONSTRUCTION PROGRESS MEETING NO. 3
FILE NO. 09199033.21

OCTOBER 22, 2010, 10:00 A.M.

SIGN-IN SHEET

NAME	COMPANY	CELL PHONE	EMAIL
Teresa Carver TC	Hardee County	863-781-1114	Teresa.carver@hardeecounty.net
Shane Fisher SF	SCS Engineers	813-503-1044	
Jack Wiggins	ERC	863-441-0186	ercjackw@aol.com
Vaden Pollard	ERC	321-231-0208	vpollard@embarqmail.com
Dennis Dufont	SCS Engineers	813-220-1923	DDufont@SCSEngineers.com

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HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

OCTOBER 29, 2010, 10:00 A.M.

PROGRESS MEETING NO. 4 MINUTES
(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 4 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No. 4. The date is October 29, 2010 and the time is approximately 10:15 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard vpollard@embarqmail.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 3 have been distributed.

b) Unfinished business

(1) Huss Drilling should be on site Monday November 1, 2010 to abandon piezometers P-1, P-2 and P-15.

(2) Liner installation should begin in about two weeks.

(3) SCS has received some of the friction angle test results from TRI.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) General fill continues to be installed along the east slope.

b) Progress and work activity anticipated for October 30 - November 5, 2010.

(1) On road trucks will start back Monday delivering intermediate cover material.

(2) Universal Testing will be on site Monday for density/moisture testing of intermediate cover along the south slope.

(3) Liner materials should be delivered within two weeks.

c) ERC proposed working hours during this period

(1) ERC will work Monday through Friday 7:30 a.m. to 6:00 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Universal Testing
- Haul trucks

(2) Materials

- Intermediate cover material
- General fill

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) SCS has friction angle and GCL submittals to review.

b) Submittals

(1) SCS returned submittals with no exceptions taken for Surveyor Information, Preconstruction Topographic Survey and Submittal Schedule Log.

(2) SCS requested an updated Project Schedule.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

b) ERC inquired if the County has a source or preference of material for the ramp. Options are asphalt millings or crushed concrete from on or off site.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 5 will be on site at the SCS field office trailer, November 5, 2010 at 10:00 am.

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
CONSTRUCTION PROGRESS MEETING NO. 4
FILE NO. 09199033.21

OCTOBER 29, 2010, 10:00 A.M.

SIGN-IN SHEET

NAME	COMPANY	CELL PHONE	EMAIL
Shane Fisher	SCS Engineers	813-503-1044	
Teresa Carver	Hardee County	863-781-1114	Teresa.carver@hardeecounty.net
Vaden Pollard	ERC	321-231-0208	VPollard@embarqmail.com
~~Jack Wigins~~	ERC	863-441-0186	ercjackw@aol.com
Dennis Dupont	SCS Engineers	813-220-1923	DDupont@SCSEngineers.com

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

File Name	Date	Description
Hardee Closure 100_3492	10/25/10	Exposing existing geosynthetic liner system anchor trench located under the existing stormwater downchute located in the southeast corner of the project.
Hardee Closure 100_3496	10/26/10	South sideslope of project area looking north.
Hardee Closure 100_3503	10/28/10	East sideslope of project area looking west.
Hardee Closure 100_3506	11/3/10	Coring into existing manholes to place horizontal LFG vent trench piping.
Hardee Closure 100_3515	11/9/10	Forms and rebar for concrete cap to be placed over existing Manhole Number 7 located in the southwest corner of the project.
Hardee Closure 100_3516	11/9/10	Forms and rebar for concrete cap to be placed over existing Manhole Number 5 located along the west side of the project.
Hardee Closure 100_3518	11/9/10	Placement of concrete cap over existing Manhole Number 7 located in the southwest corner of the project.
Hardee Closure 100_3522	11/10/10	West sideslope of project area looking northeast.
Hardee Closure 100_3525	11/11/10	Southwest corner of project area looking southeast.
Hardee Closure 100_3526	11/11/10	South sideslope of project area looking north.
Hardee Closure 100_3527	11/11/10	Southwest sideslope of project area looking northwest.
Hardee Closure 100_3531	11/11/10	East sideslope of project area looking west.
Hardee Closure 100_3532	11/11/10	East sideslope of project area looking southwest.

Hardee Closure 100_3492

Hardee Closure 100_3496

Hardee Closure 100_3503

Hardee Closure 100_3506

Hardee Closure 100_3515

Hardee Closure 100_3516

Hardee Closure 100_3518

Hardee Closure 100_3522

Hardee Closure 100_3525

Hardee Closure 100_3526

Hardee Closure 100_3527

Hardee Closure 100_3531

Hardee Closure 100_3532

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Dept. of Environmental Protection
DEC 15 2010
Southwest District

December 15, 2010
File No. 09199033.21

MEMORANDUM

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FROM: Shane R. Fischer, P.E., Project Manager SRF
C. Ed Hilton, P.E., Vice President CEH

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 3 - November 15, 2010 to December 14, 2010
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from November 15, 2010 to December 14, 2010 and includes the following:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. Weekly progress meeting minutes.
4. Problem or work deficiency meeting minutes.
5. A summary of submittals and change order requests.
6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 3 - November 15, 2010 to December 14, 2010 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

PROJECT OVERVIEW/CHANGE ORDERS

1. Notice to Proceed was issued to ERC General Contracting Services, Inc. (ERC) by Hardee County on October 4, 2010.

2. The approved project schedule is as follows:

   a) South Slope Construction

   - Substantial Completion 120 Calendar Days from NTP - To February 1, 2011
   - Final Completion 145 Calendar Days from NTP - To February 26, 2011

   b) Remainder of Construction

   - Substantial Completion 180 Calendar Days from NTP - To April 2, 2011
   - Final Completion 210 Calendar Days from NTP - To May 2, 2011

3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. Final grading of the entire project area has been completed.

2. The top of intermediate cover asbuilt survey has been finalized for the entire project area.

3. Density testing of the entire project area intermediate cover has been conducted.

4. A pre-liner installation meeting was conducted with ERC, National Lining Systems, the County and SCS prior to liner installation.

5. The liner anchor trench along the north side of the Phase II Section I area was exposed in preparation for liner installation along the south sideslope of the project area.

6. The 60 mil High Density Polyethylene (HDPE) liner installation began along the south sideslope and has progressed along the western sideslope.

7. The 40 mil Linear Low Density Polyethylene (LLDPE) liner installation began along the north sideslope and has progressed along the eastern sideslope.

8. The 40 mil LLDPE liner installation continues along the eastern sideslope.

9. Destructive liner samples of the 40 mil LLDPE and 60 mil HDPE have been collected by SCS and forwarded to TRI Environmental, Inc. for testing during installation.

10. Geocomposite installation started over the areas where the destructive liner samples have returned as passing along the south, west and northern portions of the project area.

11. Geocomposite installation was completed along the south and west sideslopes.

12. The geocomposite installation continues along the north and eastern sideslopes and the top.

13. Drainage sand has been placed along the south sideslope and is nearly completed.

14. Drainage sand placement started along the west sideslope and continues.

15. The asbuilt survey of the drainage sand along the south sideslope has been completed.

16. The raintarp placement along the south sideslope has been started.

17. Weekly Construction Progress Meeting No. 5, 6 and 7 were conducted on November 12, 19 and December 3, 2010. A Weekly Construction Progress Meeting was not conducted on November 26, 2010 due to no construction activity taking place because of the Thanksgiving Holiday.

Please refer to the construction schedule provided by ERC contained in Attachment A.

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Please refer to Attachment B for the following Weekly Construction Progress Meeting Summary Reports.

- Construction Progress Meeting Number 5 Minutes - November 12, 2010.
- Construction Progress Meeting Number 6 Minutes - November 19, 2010.
- Construction Progress Meeting Number 7 Minutes - December 3, 2010.

PHOTOGRAPHS

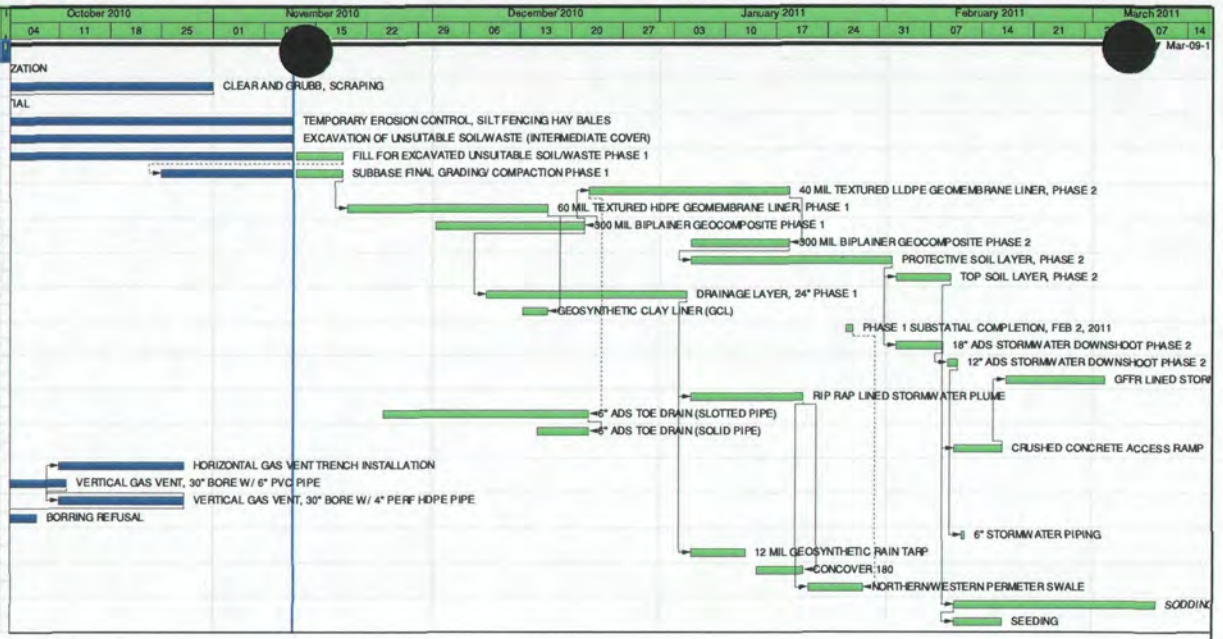
Please refer to Attachment C for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

CONSTRUCTION SCHEDULE

Activity ID	Original Duration	Activity Name	Early Start	Early Finish	Critical	Total Float
HARD	115	[redacted]	Nov-12-10	Mar-09-11		19
A1000	4	MOBILIZATION				
A1010	12	CLEAR AND GRUBB, SCRAPING				
A1020	3	SURVEY, INITIAL				
A1030	2	TEMPORARY EROSION CONTROL, SILT FENCING HAY BALES				
A1040	5	EXCAVATION OF UNSUITABLE SOIL/WASTE (INTERMEDIATE COVER)				
A1050	35	FILL FOR EXCAVATED UNSUITABLE SOIL/WASTE PHASE 1	Nov-12-10	Nov-18-10		24
A1060	14	SUBBASE FINAL GRADING/ COMPACTION PHASE 1	Nov-12-10	Nov-18-10		19
A1070	20	40 MIL TEXTURED LLDPE GEOMEMBRANE LINER, PHASE 2	Dec-22-10	Jan-18-11		19
A1080	20	60 MIL TEXTURED HDPE GEOMEMBRANE LINER, PHASE 1	Nov-19-10	Dec-16-10		19
A1090	15	300 MIL BIPLAINER GEOCOMPOSITE PHASE 1	Dec-01-10	Dec-21-10		19
A1100	10	300 MIL BIPLAINER GEOCOMPOSITE PHASE 2	Jan-05-11	Jan-18-11		19
A1110	20	PROTECTIVE SOIL LAYER, PHASE 2	Jan-05-11	Feb-01-11		19
A1120	6	TOP SOIL LAYER, PHASE 2	Feb-02-11	Feb-09-11		19
A1130	20	DRAINAGE LAYER, 24" PHASE 1	Dec-08-10	Jan-04-11		47
A1140	4	GEOSYNTHETIC CLAY LINER (GCL)	Dec-13-10	Dec-16-10		78
A1150	1	PHASE 1 SUBSTATIAL COMPLETION, FEB 2, 2011	Jan-26-11	Jan-27-11		49
A1160	5	18" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-02-11	Feb-08-11		37
A1180	2	12" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-09-11	Feb-10-11		37
A1200	10	GFFR LINED STORMWATER SWALE AND DOWNSHOOT PIPE OUTFALL AREA	Feb-17-11	Mar-02-11		24
A1210	12	RIP RAP LINED STORMWATER PLUME	Jan-05-11	Jan-20-11		47
A1220	20	6" ADS TOE DRAIN (SLOTTED PIPE)	Nov-24-10	Dec-22-10		75
A1230	5	6" ADS TOE DRAIN (SOLID PIPE)	Dec-15-10	Dec-22-10		75
A1240	5	CRUSHED CONCRETE ACCESS RAMP	Feb-10-11	Feb-16-11		24
A1250	20	HORIZONTAL GAS VENT TRENCH INSTALLATION				
A1260	7	VERTICAL GAS VENT, 30" BORE W/ 6" PVC PIPE				
A1270	3	VERTICAL GAS VENT, 30" BORE W/ 4" PERF HDPE PIPE				
A1280	3	BORRING REFUSAL				
A1290	1	6" STORMWATER PIPING	Feb-11-11	Feb-11-11		37
A1300	6	12 MIL GEOSYNTHETIC RAIN TARP	Jan-05-11	Jan-12-11		59
A1310	5	CONCOVER 180	Jan-14-11	Jan-20-11		53
A1320	6	NORTHERN/WESTERN PERMETER SWALE	Jan-21-11	Jan-28-11		47
A1330	20	SODDING (PHASE 2)	Feb-10-11	Mar-09-11		19
A1340	5	SEEDING	Feb-10-11	Feb-16-11		34



ATTACHMENT B

WEEKLY CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

NOVEMBER 12, 2010, 10:00 A.M.

PROGRESS MEETING NO. 5 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 5 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.5. The date is November 12, 2010 and the time is approximately 10:08 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver	teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer	sfischer@scsengineers.com
Dennis DuPont	ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard	vpollard@embarqmail.com
Jerry Pinder	jerry.pinder@ercflorida.com
Jack Wiggins	ERCJackW@AOL.com

d) NLS

Toui Thayravanh	touit@nationalliningsystems.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 4 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Intermediate fill is complete on the south slope except for the southeast and southwest corners.

(2) Intermediate fill continues to be installed on the east and west slopes.

(3) There is about 5,000 CY of drainage sand stockpiled onsite at this time.

b) Progress and work activity anticipated for November 15 - November 22, 2010.

(1) Continue placing intermediate cover fill material along the east and west slopes.

(2) Finalize the southeast and southwest corners of the south sideslope.

(3) Finish grade the south sideslope.

(4) Anticipate liner installation starting the week of November 22, 2010 along the south sideslope.

c) ERC proposed working hours during this period.

(1) ERC will work Monday through Friday 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site.

(1) Subcontractors

- NLS
- Universal
- Haul trucks

(2) Materials

- Intermediate cover material
- General fill

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) Shop Drawings are currently up to date.

b) Submittals

(1) ERC provided an updated Project Schedule.

c) RFI's

(1) RFI Number 1 related to the manhole penetration of the liner is currently in review.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 6 will be on site at the SCS field office trailer, November 19, 2010 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

NOVEMBER 19, 2010, 10:00 A.M.

PROGRESS MEETING NO. 6 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 6 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.6. The date is November 19, 2010 and the time is approximately 10:39 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver	teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer	sfischer@scsengineers.com
Dennis DuPont	ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard	vpollard@embarqmail.com
Jerry Pinder	jerry.pinder@ercflorida.com
Jack Wiggins	ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 5 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current.

(2) Intermediate fill continues to be installed on the east and west slopes.

(3) There is about 5,000 CY of drainage sand stockpiled onsite at this time.

b) Progress and work activity anticipated for November 20 - November 26, 2010.

(1) ERC expects to have 50% of the intermediate cover completed and the topographic survey right after placement.

(2) ERC plans to be off November 25 and 26 but might work November 27.

c) ERC proposed working hours during this period

(1) ERC will work 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- NLS would like to start liner installation on Monday, November 22
- Haul trucks

(2) Materials

- Intermediate cover material
- Geocomposite

4) Field Orders

a) Field Order No. 1 to adjust southeast and southwest berms in the field.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) Nothing outstanding.

b) Submittals

(1) ERC submitted Pay Application No. 2.

c) RFI's

(1) A minor RFI related to the manhole penetrations of the liner was issued and was verbally discussed, not an issue for NLS at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) SCS requested a proposal from ERC for asphalt paving of the ramp.

b) A Pre-Liner Installation meeting will be held at the SCS field office trailer, November 22, 2010 at 8:00 am.

c) Weekly Progress Meeting No. 7 will be on site at the SCS field office trailer, December 3, 2010 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

DECEMBER 3, 2010, 10:00 A.M.

PROGRESS MEETING NO. 7 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 7 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.7. The date is December 3, 2010 and the time is approximately 10:42 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver	teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer	sfischer@scsengineers.com
Dennis DuPont	ddupont@scsengineers.com
Orion Holtey	oholtey@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard	vpollard@embarqmail.com
Jack Wiggins	ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 6 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current.

(2) Liner installation is continuing.

(3) Drainage sand is continuing to be installed along the south slope.

b) Progress and work activity anticipated for December 4 - December 9, 2010.

(1) ERC expects to have the south slope 60 mil HDPE and geocomposite completed.

(2) ERC expects NLS to have the 60 mil HDPE and geocomposite completed on the west slope.

c) ERC proposed working hours during this period

(1) ERC will work 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- NLS would like to start liner installation on Monday, November 22
- Haul trucks

(2) Materials

- Drainage cover material
- Geocomposite

4) Field Orders

a) Field Order No. 1 to adjust southeast and southwest berms in the field.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) All returned and current.

b) Submittals

(1) All returned and current.

c) RFI's

(1) A minor RFI related to the manhole boot penetration of the liner, not an issue for NLS.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Shane would be unavailable next Tuesday through Friday and requested the next meeting to be the following week.

b) Weekly Progress Meeting No. 8 will be on site at the SCS field office trailer, December 17, 2010 at 10:00 am.

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

File Name	Date	Description
Hardee Closure 100_3533	11/16/10	Southeast corner of project area looking northwest identifying the sideslope berm.
Hardee Closure 100_3540	11/17/10	South sideslope of project at tie-in of Phase II Section I looking west.
Hardee Closure 100_3545	11/17/10	South sideslope of project at tie-in of Phase II Section I looking east.
Hardee Closure 100_3554	11/23/10	West sideslope of project with the initial placement of GCL overlying the existing sidewall geomembrane.
Hardee Closure 100_3555	11/23/10	Southwest corner of project area looking northeast identifying the sideslope berm.
Hardee Closure 100_3556	12/7/10	South sideslope of project area with the initial placement of drainage sand.
Hardee Closure 100_3558	12/7/10	Placement of the toe drain pipe along the north side of the project area toe.
Hardee Closure 100_3559	12/9/10	West sideslope of project covered with liner and geocomposite looking northeast.
Hardee Closure 100_3560	12/9/10	Northwest corner of project looking east with the north and west sideslopes covered with liner and geocomposite identifying the sideslope berm.
Hardee Closure 100_3563	12/9/10	Northeast corner of project looking south with the east sideslope and anchor trench.
Hardee Closure 100_3566	12/9/10	Southeast corner of project area looking northwest with drainage sand placement along the south sideslope and liner and geocomposite along the east sideslope.
Hardee Closure 100_3568	12/14/10	Existing southeast stormwater downchute looking northwest with the new liner and geocomposite tying into it.

Hardee Closure 100_3533

Hardee Closure 100_3540

Dept. of Environmental Protection
DEC 15 2010
Southwest District

Hardee Closure 100_3545

Hardee Closure 100_3554

Hardee Closure 100_3555

Hardee Closure 100_3556

Hardee Closure 100_3558

Hardee Closure 100_3559

Hardee Closure 100_3560

Hardee Closure 100_3563

Hardee Closure 100_3566

Hardee Closure 100_3568

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Dept. Of Environmental Protection
JAN 14 2011
Southwest District

January 14, 2011
File No. 09199033.21

MEMORANDUM

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FROM: Shane R. Fischer, P.E., Project Manager SRF
C. Ed Hilton, P.E., Vice President CEH

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 4 - December 15, 2010 to January 14, 2011
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from December 15, 2010 to January 14, 2011 and includes the following:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. Weekly progress meeting minutes.
4. Problem or work deficiency meeting minutes.
5. A summary of submittals and change order requests.
6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 4 - December 15, 2010 to January 14, 2011 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

Dept. Of Environmental Protection
JAN 14 2011
Southwest District

PROJECT OVERVIEW/CHANGE ORDERS

1. Notice to Proceed was issued to ERC General Contracting Services, Inc. (ERC) by Hardee County on October 4, 2010.

2. The approved project schedule is as follows:

   a) South Slope Construction

   - Substantial Completion 120 Calendar Days from NTP - To February 1, 2011
   - Final Completion 145 Calendar Days from NTP - To February 26, 2011

   b) Remainder of Construction

   - Substantial Completion 180 Calendar Days from NTP - To April 2, 2011
   - Final Completion 210 Calendar Days from NTP - To May 2, 2011

3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. Final grading of the entire project area has been completed.
2. The top of intermediate cover asbuilt survey has been finalized for the entire project area.
3. Density testing of the entire project area intermediate cover has been conducted.
4. The 60 mil High Density Polyethylene (HDPE) liner installation along the west and south sideslopes has been completed.
5. The 40 mil Linear Low Density Polyethylene (LLDPE) liner installation on the north, east and top has been completed.
6. Destructive liner sample testing of the 40 mil LLDPE and 60 mil HDPE during installation has been completed.
7. Geocomposite installation for the entire project has been completed.
8. Drainage sand placement along the south and west sideslopes has been completed.

9. The asbuilt survey of the drainage sand along the south and west sideslopes has been completed.

10. Protective cover placement along the top, north and east sideslopes continues.

11. The raintarp placement along the south sideslope has been completed.

12. Weekly Construction Progress Meeting No. 8 and 9 were conducted on December 17, 2010 and January 7, 2011. A Weekly Construction Progress Meeting was not conducted on December 24, 2010 and December 31, 2010 due to no construction activity taking place because of the Christmas and New Year's Holidays.

Please refer to the construction schedule provided by ERC contained in Attachment A.

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Please refer to Attachment B for the following Weekly Construction Progress Meeting Summary Reports.

- Construction Progress Meeting Number 8 Minutes - December 17, 2010.
- Construction Progress Meeting Number 9 Minutes - January 7, 2011.

PHOTOGRAPHS

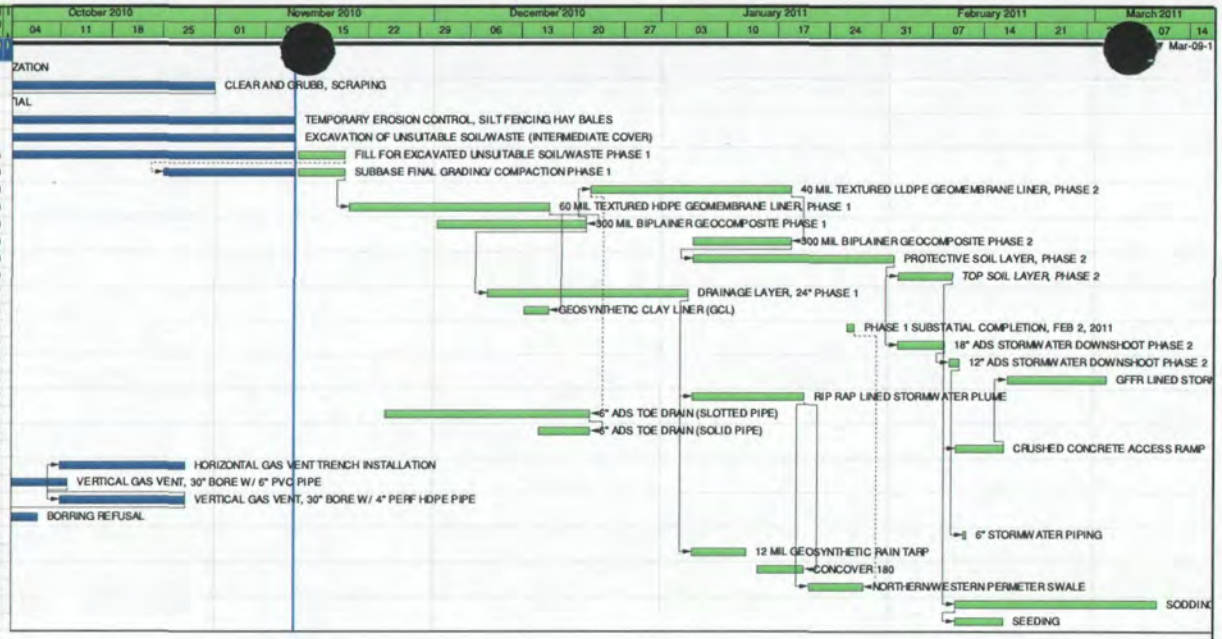
Please refer to Attachment C for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

CONSTRUCTION SCHEDULE

Activity ID	Original Duration	Activity Name	Early Start	Early Finish	Critical	Total Float
HARC	115	[redacted]	Nov-12-10	Mar-09-11		19
A1000	4	MOBILIZATION				
A1010	12	CLEAR AND GRUBB, SCRAPING				
A1020	3	SURVEY, INITIAL				
A1030	2	TEMPORARY EROSION CONTROL, SILT FENCING HAY BALES				
A1040	5	EXCAVATION OF UNSUITABLE SOIL/WASTE (INTERMEDIATE COVER)				
A1050	35	FILL FOR EXCAVATED UNSUITABLE SOIL/WASTE PHASE 1	Nov-12-10	Nov-18-10		24
A1060	14	SUBBASE FINAL GRADING/ COMPACTION PHASE 1	Nov-12-10	Nov-18-10		19
A1070	20	40 MIL TEXTURED LLDPE GEOMEMBRANE LINER, PHASE 2	Dec-22-10	Jan-18-11		19
A1080	20	60 MIL TEXTURED HDPE GEOMEMBRANE LINER, PHASE 1	Nov-19-10	Dec-16-10		19
A1090	15	300 MIL BIPLAINER GEOCOMPOSITE PHASE 1	Dec-01-10	Dec-21-10		19
A1100	10	300 MIL BIPLAINER GEOCOMPOSITE PHASE 2	Jan-05-11	Jan-18-11		19
A1110	20	PROTECTIVE SOIL LAYER, PHASE 2	Jan-05-11	Feb-01-11		19
A1120	6	TOP SOIL LAYER, PHASE 2	Feb-02-11	Feb-09-11		19
A1130	20	DRAINAGE LAYER, 24" PHASE 1	Dec-08-10	Jan-04-11		47
A1140	4	GEOSYNTHETIC CLAY LINER (GCL)	Dec-13-10	Dec-16-10		78
A1150	1	PHASE 1 SUBSTATIAL COMPLETION, FEB 2, 2011	Jan-26-11	Jan-27-11		49
A1160	5	18" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-02-11	Feb-08-11		37
A1180	2	12" ADS STORMWATER DOWNSHOOT PHASE 2	Feb-09-11	Feb-10-11		37
A1200	10	GFFR LINED STORMWATER SWALE AND DOWNSHOOT PIPE OUTFALL AREA	Feb-17-11	Mar-02-11		24
A1210	12	RIP RAP LINED STORMWATER PLUME	Jan-05-11	Jan-20-11		47
A1220	20	6" ADS TOE DRAIN (SLOTTED PIPE)	Nov-24-10	Dec-22-10		75
A1230	5	6" ADS TOE DRAIN (SOLID PIPE)	Dec-15-10	Dec-22-10		75
A1240	5	CRUSHED CONCRETE ACCESS RAMP	Feb-10-11	Feb-16-11		24
A1250	20	HORIZONTAL GAS VENT TRENCH INSTALLATION				
A1260	7	VERTICAL GAS VENT, 30" BORE W/ 6" PVC PIPE				
A1270	3	VERTICAL GAS VENT, 30" BORE W/ 4" PERF HDPE PIPE				
A1280	3	BORRING REFUSAL				
A1290	1	6" STORMWATER PIPING	Feb-11-11	Feb-11-11		37
A1300	6	12 MIL GEOSYNTHETIC RAIN TARP	Jan-05-11	Jan-12-11		59
A1310	5	CONCOVER 180	Jan-14-11	Jan-20-11		53
A1320	6	NORTHERNWESTERN PERIMETER SWALE	Jan-21-11	Jan-28-11		47
A1330	20	SODDING (PHASE 2)	Feb-10-11	Mar-09-11		19
A1340	5	SEEDING	Feb-10-11	Feb-16-11		34



ATTACHMENT B

WEEKLY CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

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HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

DECEMBER 17, 2010, 10:00 A.M.

PROGRESS MEETING NO. 8 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 8 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.8. The date is December 17, 2010 and the time is approximately 10:26 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard vpollard@embarqmail.com
Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 7 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current or ahead of schedule.

(2) Liner installation is continuing.

(3) Drainage sand is continuing to be installed on the slopes.

b) Progress and work activity anticipated for December 18 - December 24, 2010.

(1) ERC expects to continue installing drainage sand on west slope, protective sand on north and east slopes.

(2) ERC expects NLS to complete 40 mil LLDPE, geocomposite and rain tarp.

(3) ERC expects to be off site starting December 24, 2010 to January 2, 2011 for the holidays.

c) ERC proposed working hours during this period

(1) ERC will work 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Haul trucks
- Surveyors

(2) Materials

- Drainage cover material

4) Field Orders

a) Field Order No. 1 to adjust southeast and southwest berms in the field.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) SCS has 2 or 3 to return.

b) Submittals

(1) ERC has submitted pictures, a draft of a pay application and an email of drainage sand test results.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 9 will be on site at the SCS field office trailer, January 6, 2011 at 10:00 am.

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
CONSTRUCTION PROGRESS MEETING NO. 8
FILE NO. 09199033.21

December 17, 2010 10:00 A.M.

SIGN-IN SHEET

NAME	COMPANY	CELL PHONE	EMAIL
Shane Fisher	SCS Engineers	813-503-1044	
Teresa Carver	Hardee County	863-781-1114	Teresa.carver@hardeecounty.net
Vaden Pollard	ERC	321-231-0208	VPollard@embarqmail.com
Jack Wiggins	ERC	863-441-0186	ercjackw@aol.com
Dennis Dupont	SCS Engineers	813-220-1923	DDupont@SCSEngineers.com

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HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

JANUARY 7, 2011, 10:00 A.M.

PROGRESS MEETING NO. 9 MINUTES
(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 9 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No. 9. The date is January 7, 2011 and the time is approximately 10:30 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 8 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current or ahead of schedule.

(2) SCS requested an updated project schedule.

(3) Drainage sand is continuing to be installed on the west slope.

(4) Protective cover is being placed.

b) Progress and work activity anticipated for January 8 - January 14, 2011.

(1) ERC expects to continue installing drainage sand, protective cover, top soil, complete moisture/density tests, install stormwater drain pipe and survey the north slope.

c) ERC proposed working hours during this period

(1) ERC will work 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Haul trucks
- Surveyors
- Sod

(2) Materials

- Drainage cover material
- Protective cover material

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) SCS has 2 or 3 to return.

b) Submittals

(1) ERC has submitted photos.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 10 will be on site at the SCS field office trailer, January 14, 2011 at 10:00 am.

ATTACHMENT C

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

File Name	Date	Description
Hardee Closure 101_3573	12/21/10	Southeast corner of project area looking northwest.
Hardee Closure 101_3576	12/21/10	Southwest corner of project area looking northeast, drainage sand placement.
Hardee Closure 101_3577	12/21/10	Southwest corner of project area looking northeast, drainage sand placement.
Hardee Closure 101_3580	12/23/10	Southeast corner of project area looking north, placing rain tarp along south sideslope over drainage sand.
Hardee Closure 101_3582	12/23/10	Southeast corner of project area looking north, rain tarp along south sideslope over drainage sand.
Hardee Closure 101_3583	12/23/10	South sideslope of project area looking northwest, rain tarp along south sideslope over drainage sand.
Hardee Closure 100_3558	12/7/10	Placement of the toe drain pipe along the north side of the project area toe.
Hardee Closure 101_3585	1/4/11	West sideslope of project area looking southeast, drainage sand placement.
Hardee Closure 101_3586	1/4/11	West sideslope of project area looking east, drainage sand placement.
Hardee Closure 101_3587	1/4/11	West sideslope of project area looking northeast, drainage sand placement.
Hardee Closure 101_3589	1/4/11	North sideslope of project area looking east, protective cover placement.
Hardee Closure 101_3590	1/4/11	East sideslope of project area looking southwest, protective cover placement.

Hardee Closure 101_3573

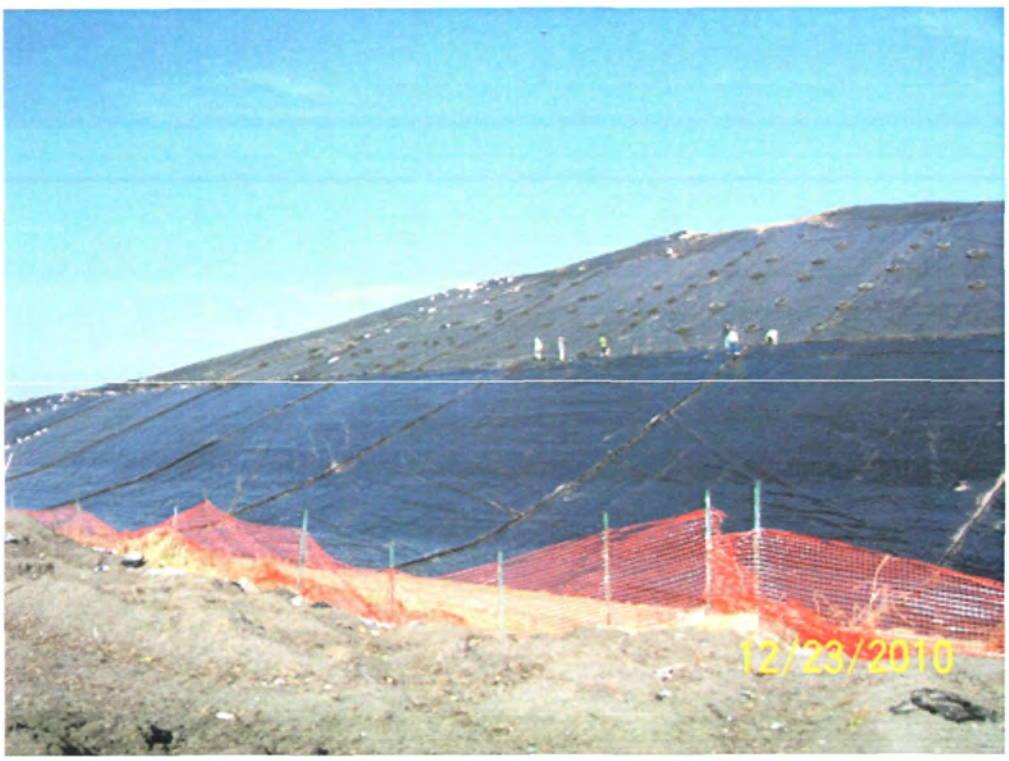
Hardee Closure 101_3576

Hardee Closure 101_3577

Hardee Closure 101_3580

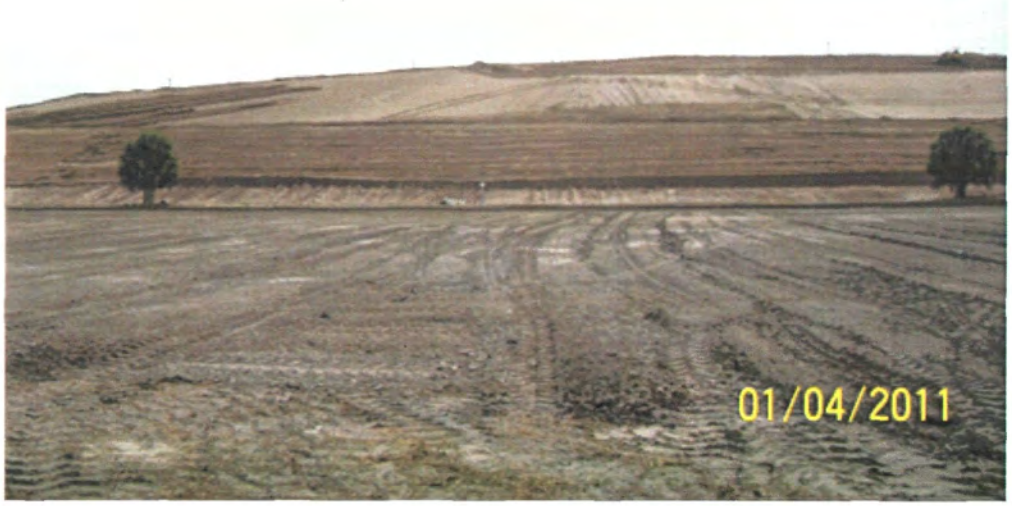
Hardee Closure 101_3582

Hardee Closure 101_3583



Hardee Closure 101_3585

Hardee Closure 101_3586



Hardee Closure 101_3587

Hardee Closure 101_3589

Hardee Closure 101_3590

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SCS ENGINEERS

February 15, 2011
File No. 09199033.21

MEMORANDUM

Dept. Of Environmental Protection
FEB 15 2011
Southwest District

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FROM: Shane R. Fischer, P.E., Project Manager
C. Ed Hilton, P.E., Vice President

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 5 - January 15, 2011 to February 14, 2011
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from January 15, 2011 to February 14, 2011 and includes the following:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. Weekly progress meeting minutes.
4. Problem or work deficiency meeting minutes.
5. A summary of submittals and change order requests.
6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 5 - January 15, 2011 to February 14, 2011 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

PROJECT OVERVIEW/CHANGE ORDERS

1. Notice to Proceed was issued to ERC General Contracting Services, Inc. (ERC) by Hardee County on October 4, 2010.

2. The approved project schedule is as follows:

   a) South Slope Construction

   - Substantial Completion 120 Calendar Days from NTP - To February 1, 2011
   - Final Completion 145 Calendar Days from NTP - To February 26, 2011

   b) Remainder of Construction

   - Substantial Completion 180 Calendar Days from NTP - To April 2, 2011
   - Final Completion 210 Calendar Days from NTP - To May 2, 2011

3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. The stormwater downchute pipes have been installed.

2. The entire project area has been sodded.

3. The western sideslope of the project area was sodded as opposed to placement of the ConCover material based on a meeting that was conducted the application as proposed by the manufacturer would not work sufficiently to provide the required erosion prevention.

4. The western and northern stormwater swale was constructed and sodded.

5. Concrete rubble rip rap has been placed along the western stormwater flumes.

6. Concrete rubble rip rap has been placed along the access ramp stormwater swale as opposed to grout fill fabric formed revetment (GFFR) to eliminate possible future settlement and cracking issues with the GFFR.

7. Fine grading of the perimeter access roads is almost complete.

8. The access ramp has been revised to include the placement of asphalt which is scheduled for early next week.

9. Weekly Construction Progress Meeting No. 10, 11, 12 and 13 were conducted on January 14 and 21, 2011 and February 3 and 10, 2011.

10. Currently construction is anticipated to be fully completed by ERC approximately February 25, 2011. Therefore, an updated project schedule has not been provided.

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Please refer to Attachment A for the following Weekly Construction Progress Meeting Summary Reports.

- Construction Progress Meeting Number 10 Minutes - January 14, 2011.
- Construction Progress Meeting Number 11 Minutes - January 21, 2011.
- Construction Progress Meeting Number 12 Minutes - February 3, 2011.
- Construction Progress Meeting Number 13 Minutes - February 10, 2011.

PHOTOGRAPHS

Please refer to Attachment B for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

WEEKLY CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

FEBRUARY 10, 2011, 10:00 A.M.

PROGRESS MEETING NO. 13 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 13 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.13. The date is February 10, 2011 and the time is approximately 10:04 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 12 have been distributed.

b) Unfinished business

(1) None at this time.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is ahead of schedule.

b) Progress and work activity anticipated for February 11 - February 17, 2011.

(1) ERC expects to finish project except for the access road by February 17, 2011.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 5:30 p.m., 4 days a week.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Quality Turf

(2) Materials

- Sod

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) Draft of pay application No. 5 for review.

(2) SCS has about six submittals for review.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) SCS approval for material to be used on the access ramp.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 14 will be on site at the SCS field office trailer, February 17, 2011 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

FEBRUARY 3, 2011, 8:30 A.M.

PROGRESS MEETING NO. 12 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 12 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.12. The date is February 3, 2011 and the time is approximately 8:37 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 11 have been distributed.

b) Unfinished business

(1) None at this time.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current or ahead of schedule.

b) Progress and work activity anticipated for February 4 - February 10, 2011.

(1) ERC expects to finish installing sod, installing the rip rap downchute along the access road and finish the discharge pipes.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 5:30 p.m., 4 days a week.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Quality Turf

(2) Materials

- Sod

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) Pay application No. 4 is being processed.

(2) ERC has submitted the request for substantial completion of the south slope.

(3) SCS has about ½ dozen submittals for review.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 13 will be on site at the SCS field office trailer, February 10, 2011 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

JANUARY 21, 2011, 10:00 A.M.

PROGRESS MEETING NO. 11 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 11 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.11. The date is January 21, 2011 and the time is approximately 10:21 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard vpollard@embarqmail.com
Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 10 have been distributed.

b) Unfinished business

(1) NLS delivered drawing and information for the Phase 1 south section of the project.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current or ahead of schedule.

(2) Sod is being installed.

(3) Top soil is continuing to be installed on the slopes.

b) Progress and work activity anticipated for January 22 - January 28, 2011.

(1) ERC expects to continue installing top soil, sod and complete the flumes on the west slope.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 6:00 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Quality Turf

(2) Materials

- Sod

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) ERC is submitted photos, NLS information and a draft of pay application No. 4.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 12 will be on site at the SCS field office trailer, January 28, 2011 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

JANUARY 14, 2011, 10:00 A.M.

PROGRESS MEETING NO. 10 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 10 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.10. The date is January 14, 2011 and the time is approximately 10:27 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Vaden Pollard vpollard@embarqmail.com
Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 9 have been distributed.

b) Unfinished business

(1) None

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is current or ahead of schedule.

(2) Sod is being installed on the west slope.

(3) Topsoil is continuing to be installed on the slopes.

b) Progress and work activity anticipated for January 15 - January 21, 2011.

(1) ERC expects to continue installing topsoil, complete moisture/density tests, install drain pipe and survey east slope.

c) ERC proposed working hours during this period

(1) ERC will work 6:30 a.m. to 5:30 p.m.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Haul trucks
- Surveyors
- Quality Turf

(2) Materials

- Sod

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) ERC is working on an updated project schedule.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 11 will be on site at the SCS field office trailer, January 21, 2011 at 10:00 am.

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Class I Landfill
Phase I Closure Construction
Construction Permit Number 38414-012-SF/01
Monthly Progress Report No. 5 Photos - January 15, 2011 to February 14, 2011

File Name	Date	Description
Hardee Closure 100_3610	1/17/11	Southwest corner of project area looking northeast.
Hardee Closure 100_3611	1/17/11	West sideslope of project area looking northeast.
Hardee Closure 100_3612	1/18/11	East sideslope of project area looking west.
Hardee Closure 100_3613	1/18/11	East sideslope of project area looking west.
Hardee Closure 100_3614	1/18/11	Northeast corner of project area looking southwest.
Hardee Closure 100_3619	1/18/11	Southwest corner of project area looking northeast.
Hardee Closure 100_3621	1/20/11	Southwest corner of project area looking northeast.
Hardee Closure 100_3622	1/20/11	West sideslope of project area looking northeast.
Hardee Closure 100_3623	1/20/11	West sideslope of project area looking northeast.
Hardee Closure 100_3636	2/2/11	East sideslope of project area looking west.
Hardee Closure 100_3638	2/9/11	Southeast corner of project area looking northwest.
Hardee Closure 100_3641	2/9/11	Concrete rubble rip rap in stormwater swale along access ramp.

Hardee Closure 100_3610

Hardee Closure 100_3611

Hardee Closure 100_3612

Hardee Closure 100_3613

Hardee Closure 100_3614

Hardee Closure 100_3619

Hardee Closure 100_3621

Hardee Closure 100_3622

Hardee Closure 100_3623

Hardee Closure 100_3636

Hardee Closure 100_3638

Hardee Closure 100_3641

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SCS ENGINEERS

March 15, 2011
File No. 09199033.21

MEMORANDUM

TO: Susan Pelz, P.E., Florida Department of Environmental Protection

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR 15 2011
SOUTHWEST DISTRICT
TAMPA

FROM: Shane R. Fischer, P.E., Project Manager
C. Ed Hilton, P.E., Vice President

COPY: Teresa Carver, Hardee County Solid Waste Director

SUBJECT: Monthly Progress Report No. 6 - February 15, 2011 to March 14, 2011
Hardee County Class I Landfill
Phase I Closure Construction
Permit Number 38414-012-SF/01

In accordance with Specific Condition B.6.b of Construction Permit Number 38414-012-SF/01 for the Hardee County Class I Landfill Phase I Closure Construction, and on behalf of the Hardee County Board of County Commissioners (BOCC), SCS Engineers (SCS) is providing the Monthly Progress Report for the above-referenced project. The Monthly Progress Report covers the time period from February 15, 2011 to March 14, 2011 and includes the following:

1. Updated construction schedule.
2. A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.).
3. Weekly progress meeting minutes.
4. Problem or work deficiency meeting minutes.
5. A summary of submittals and change order requests.
6. 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., bottom liner tie-ins, gas vent installation, etc.).

Please place this Monthly Progress Report No. 6 - February 15, 2011 to March 14, 2011 into the 3-ring project binder that was previously submitted to FDEP in October 2010.

PROJECT OVERVIEW/CHANGE ORDERS

Dept. Of Environmental Protection
MAR 15 2011
Southwest District

1. Notice to Proceed was issued to ERC General Contracting Services, Inc. (ERC) by Hardee County on October 4, 2010.

2. The approved project schedule is as follows:

   a) South Slope Construction

   - Substantial Completion 120 Calendar Days from NTP - To February 1, 2011
   - Final Completion 145 Calendar Days from NTP - To February 26, 2011

   b) Remainder of Construction

   - Substantial Completion 180 Calendar Days from NTP - To April 2, 2011
   - Final Completion 210 Calendar Days from NTP - To May 2, 2011

3. No change orders have been processed for the project.

CONSTRUCTION ACTIVITIES/PROJECTED SCHEDULE

The following construction activities were conducted during the above-mentioned reporting period.

1. The stormwater downchute pipes installation was completed.
2. The entire project area has been sodded.
3. The western and northern stormwater swale was constructed and sodded.
4. Concrete rubble rip rap was placed along the access ramp stormwater swale as opposed to grout fill fabric formed revetment (GFFR) to eliminate possible future settlement and cracking issues with the GFFR.
5. Fine grading of the perimeter access roads was completed.
6. The access ramp was asphalt paved.
7. Weekly Construction Progress Meeting No. 14, 15 and 16 were conducted on February 17 and 24, 2011 and March 3, 2011.
8. A final walkthrough was conducted on March 10, 2011.

9. Construction has been fully completed by ERC and final submittals are being prepared, therefore, an updated project schedule has not been provided and this will be the last monthly report submitted.

CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

Please refer to Attachment A for the following Weekly Construction Progress Meeting Summary Reports.

- Construction Progress Meeting Number 14 Minutes - February 17, 2011.
- Construction Progress Meeting Number 15 Minutes - February 24, 2011.
- Construction Progress Meeting Number 16 Minutes - March 3, 2011.

PHOTOGRAPHS

Please refer to Attachment B for photographs that are representative of the construction activities conducted during the above-mentioned reporting period.

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

ATTACHMENT A

WEEKLY CONSTRUCTION PROGRESS MEETING SUMMARY REPORTS

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

FEBRUARY 17, 2011, 10:00 A.M.

PROGRESS MEETING NO. 14 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 14 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Dennis DuPont (SCS) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.14. The date is February 17, 2011 and the time is approximately 10:09 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Joe Roman
David Rowe Jr.

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 13 have been distributed.

b) Unfinished business

(1) None at this time.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is ahead of schedule.

b) Progress and work activity anticipated for February 18 - February 24, 2011.

(1) ERC expects to have shell rock for the access road delivered Monday and the asphalt the following Monday.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 5:30 p.m., 4 days a week with the sod watering crew coming in as needed.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Trucks

(2) Materials

- Shell rock

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) SCS has about 6 submittals for review including a request for substantial completion of the south slope.

(2) ERC would follow up on obtaining all information from National Lining Systems and the final as-built survey once the asphalt and sod is in place.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 15 will be on site at the SCS field office trailer, February 24, 2011 at 10:00 am.

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SCS ENGINEERS

HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

FEBRUARY 24, 2011, 10:00 A.M.

PROGRESS MEETING NO. 15 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 15 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Teresa Carver (Hardee County) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No.15. The date is February 24, 2011 and the time is approximately 10:00 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

Teresa Carver teresa.carver@hardeecounty.net

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 14 have been distributed.

b) Unfinished business

(1) None at this time.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is ahead of schedule.

b) Progress and work activity anticipated for February 25 - March 3, 2011.

(1) ERC expects to have the asphalt paving for the access road completed.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 5:30 p.m., 4 days a week with the sod watering crew coming in as needed.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Trucks and paving company

(2) Materials

- Asphalt

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) SCS has about 6 submittals for review including a request for substantial completion of the south slope.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) Weekly Progress Meeting No. 16 will be on site at the SCS field office trailer, March 3, 2011 at 10:00 am.

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HARDEE COUNTY CLASS I LANDFILL
PHASE I CLOSURE
COUNTY PROJECT NUMBER SW-10-256
WEEKLY CONSTRUCTION PROGRESS MEETING
FILE NO. 09199033.21

MARCH 3, 2011, 10:00 A.M.

PROGRESS MEETING NO. 16 MINUTES

(Meeting will be audio recorded for the project record)

The following are the progress meeting minutes for Meeting No. 16 for the above-referenced project. The meeting minutes are SCS Engineers' (SCS) understanding of highlighted subjects discussed at the meeting. Should you require any additions or changes please notify SCS. If there is no response before the next scheduled meeting, the following minutes will be considered a permanent record along with the audio recording. The audio files will be on record at SCS and can be provided on request.

Dennis DuPont (SCS) opened the meeting stating: This is the Hardee County Class I Landfill Phase I Closure project Progress Meeting No. 16. The date is March 3, 2011 and the time is approximately 9:30 a.m. A sign in sheet is being passed around, everyone please sign-in.

1) List of Attendees

a) Hardee County

No representative.

b) SCS Engineers

Shane Fischer sfischer@scsengineers.com
Dennis DuPont ddupont@scsengineers.com

c) ERC General Contracting Services, Inc.

Jack Wiggins ERCJackW@AOL.com

2) Meeting Minutes

a) Minutes from Progress Meeting No. 15 have been distributed.

b) Unfinished business

(1) None at this time.

3) Project Schedule

a) Current progress as it relates to the approved project schedule.

(1) Progress is ahead of schedule.

b) Progress and work activity anticipated for March 4 - March 10, 2011.

(1) ERC expects to finalize any remaining punch list items.

c) ERC proposed working hours during this period

(1) ERC will work 7:00 a.m. to 5:30 p.m., 4 days a week with the sod watering crew coming in as needed.

d) Subcontractors and materials expected on site

(1) Subcontractors

- Sod

(2) Materials

- None at this time

4) Field Orders

a) None at this time.

5) Construction Conflicts

a) None at this time.

6) Contractor's Submittals Status

a) Shop Drawings

(1) None at this time.

b) Submittals

(1) SCS has returned all outstanding submittals and expects to sign off on requests for substantial completion.

c) RFI's

(1) None at this time.

7) Contractor Issues

a) None at this time.

8) County Issues

a) None at this time.

9) Consultant's Issues

a) None at this time.

10) Site Safety and Housekeeping

a) ERC is responsible for all site safety and housekeeping.

b) ERC conducts daily tail gate safety meetings.

11) Other Issues

a) This meeting ends the weekly progress meetings. Final completion would be approved upon receiving required surveys, warranties, etc.

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS DURING REPORTING PERIOD

Hardee County Class I Landfill
Phase I Closure Construction
Construction Permit Number 38414-012-SF/01
Monthly Progress Report No. 6 Photos - February 15, 2011 to March 14, 2011

File Name	Date	Description
Hardee Closure 1	3/10/11	Northwest corner of project area looking northwest.
Hardee Closure 2	3/10/11	Northeast corner of project area looking northeast.
Hardee Closure 3	3/10/11	East sideslope of project area looking north.
Hardee Closure 4	3/10/11	Asphalt access ramp looking southeast.
Hardee Closure 5	3/10/11	West sideslope of project area looking west.
Hardee Closure 6	3/10/11	West sideslope of project area looking southwest.
Hardee Closure 7	3/10/11	North sideslope of project area looking west.
Hardee Closure 8	3/10/11	South sideslope of project area looking east.
Hardee Closure 9	3/10/11	South sideslope of project area looking east.
Hardee Closure 10	3/10/11	South sideslope of project area looking north.

Hardee County Class I Landfill
Phase I Closure Construction
Construction Permit Number 38414-012-SF/01
Monthly Progress Report No. 6 Photos - February 15, 2011 to March 14, 2011

Hardee Closure 1

Hardee Closure 2

Hardee Closure 3

Hardee Closure 4

Hardee Closure 5

Hardee Closure 6

Hardee Closure 7

Hardee Closure 8

Hardee Closure 9

Hardee Closure 10