

HARDEE COUNTY LANDFILL

WAUCHULA, FLORIDA

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Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

VOLUME 1 OF 2

**LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY
CERTIFICATION DOCUMENT**

JULY 2000

Prepared for:

**BOARD OF COUNTY COMMISSIONERS
HARDEE COUNTY, FLORIDA**

412 W. Orange Street
Wauchula, Florida 33873

Prepared by:

PBS&J

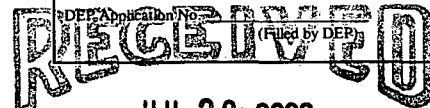
1560 Orange Avenue, Suite 700
Winter Park, Florida 32789

070862.--



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994



Certification of Construction Completion of a
Solid Waste Management Facility

Department of Environmental Protection
SOUTHWEST DISTRICT

DEP Construction Permit No: 38414-001-SC County: Hardee County

Name of Project: Lateral Expansion and Leachate Storage Tank Facility

Name of Owner: Hardee County

Name of Engineer: PBS&J, Inc.

Type of Project: Leachate Collection System Expansion and Leachate Storage Tank
Construction

Cost: Estimate \$ 932,000.00 Actual \$ 829,180.00

Site Design: Quantity: 55.9 ton/day Site Acreage: 12.5 Acres

Deviations from Plans and Application Approved by DEP: _____
See Section 1.5 of attached report.

Address and Telephone No. of Site: 675 Airport Road, east of the city of Wauchula.

Name(s) of Site Supervisor: Janice Williamson

Date Site inspection is requested: N/A

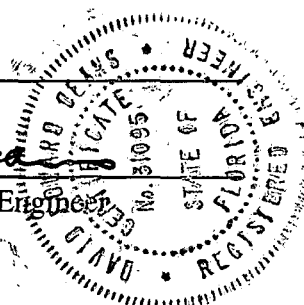
This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No. 38414-001-SC :Dated: 12/18/98

Date: July 27, 2000

Signature of Professional Engineer

Page 1 of 1





An employee-owned company

July 26, 2000

Ms. Susan J. Pelz, P.E.
Solid Waste Section
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Certification of Construction
Hardee County Landfill
Lateral Expansion and Leachate Storage Tank Facility
FDEP Permit No. 38414-001-SC
Wauchula, Florida

Dear Ms. Pelz:

Enclosed please find the supporting report certifying that the Lateral Expansion and Leachate Storage Tank Facility were substantially completed in accordance with the current FDEP Permit No. 38414-001-SC.

PBS&J has prepared this certification letter and accompanying report on behalf of Hardee County, Solid Waste Department. PBS&J conducted a liner Construction Quality Assurance (CQA) program as part of the construction in accordance with the project specifications for Geomembrane installation. PBS&J and Hardee County jointly provided construction observation during this project.

Ardaman & Associates, Inc. conducted soils evaluation and concrete cylinder compressive strength testing. Their report included under Section 2.2 notes that the density and concrete strength confirms compliance with the project specifications. This information is included in Ardaman's report in more detail.

The report provides a review of construction of the Geomembrane liner installation and certifies that construction was in substantial compliance with the CQA plan, conditions of the permit to construct, requirements of the solid waste rule, and acceptable engineering practices.

Sincerely,

A handwritten signature in black ink that reads 'David E. Deans'.

David E. Deans, P.E.
Vice President

Enclosure

c: Janice Williamson/Hardee County
070862.60

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**HARDEE COUNTY LANDFILL
WAUCHULA, FLORIDA**

LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY

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WAUCHULA, FLORIDA**

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**HARDEE COUNTY LANDFILL
WAUCHULA, FLORIDA**

LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY

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**HARDEE COUNTY LANDFILL
WAUCHULA, FLORIDA**

LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY

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Section 1

INTRODUCTION

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Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

1.1 GENERAL

The Florida Department of Environmental Protection (FDEP) authorized Hardee County to construct the Lateral Expansion and Leachate Storage Tank Facility. PBS&J was contracted by the Hardee County to provide full-time on-site CQA observation for the Lateral Expansion part of the project and geosynthetic material Construction Quality Assurance (CQA) documentation and certification of Lateral Expansion.

The Project consisted of the construction of a geosynthetic liner along the southern boundary of the landfill to connect to the existing geosynthetic liner and the construction of a leachate collection system that is located around the west, north and east boundaries of the landfill. The Project also included the construction of a leachate storage and truck facility and associated pumping systems.

PBS&J procured soils testing services from Ardaman & Associates, Inc. Ardaman conducted on-site, in-place soils density testing of sub-grade, the in-place density test of the clay, the concrete strength testing, and all laboratory testing required by the project specifications to document that the contractor conformed to the project specifications.

This report summarizes:

- Construction activities performed by the general contractor Eclipse/Omni Joint Venture.
- Construction activities performed by the Liner materials installer, Comanco Environmental Corporation.
- Geosynthetic materials CQA Observation.
- Geosynthetic material conformance testing for the project.
- Soils and concrete laboratory testing.

PROJECT: Hardee County, Lateral Expansion and Leachate Storage Tank Facility

MATERIAL TESTED: 60 Mil HDPE liner

**GEOSYNTHETIC MATERIALS
LABORATORY**

TESTS CONDUCTED: Geomembrane Conformance Testing:
a) Density
b) Thickness
c) Tensile Strength

- d) Tensile Elongation
- e) Carbon black Content
- f) Carbon Black Dispersion
- g) Yield Strength
- h) Yield Elongation

See Section 3 for geomembrane liner test results.

CLIENT CONTACT: Janice Williamson, Solid Waste Superintendent
Hardee County, Florida

PBS&J CONTACT: David E. Deans, P.E., Project Manager.

CQA MANAGER: Raymundo G. Castro, E.I., Project Engineer, CQA Manager

This report is submitted for exclusive use by the **Hardee County, Florida, Board of County Commissioners**, (hereinafter referred to as Owner). The tests were performed in accordance with general testing industry standards and requirements in effect at the time of testing.

The geosynthetic materials Construction Quality Assurance Program was conducted by PBS&J in accordance with the CQA Plan to assure that the geosynthetic materials were installed in conformance with the construction specifications meeting the requirements of the FDEP.

1.2 SITE DESCRIPTION

The Hardee County landfill site is located off Airport Road, approximately one mile north of U.S. Highway 664, and approximately four miles east of Wauchula, Florida.

The Lateral Expansion consists of the installation of a 60 Mil HDPE geomembrane liner along the south side of the existing landfill. The liner is anchored at the top and keyed-in approximately 18 inches into the existing clay layer bed at the bottom. A Leachate Collection system was installed four feet from the HDPE liner into the landfill. The Leachate Collection system consists of an 8-inch corrugated, smooth interior, HDPE slotted pipe located several feet above the clay layer bed. The Leachate Collection pipe is surrounded with clean filter aggregate consisting of No. 57 granite stone wrapped with a non-woven geotextile. This leachate collection envelope is underlying an 18-inch drainage wall of clean sand serving as a interceptor of the horizontal leachate flow precipitating it to the leachate collection pipe. The leachate collection system is connected to a wet well located on the south side of the landfill, inside the lined area. The wet well has a pump station that pumps the to leachate storage tanks that are located in the south side of the maintenance facility within the lined landfill area.

The Leachate Storage Tanks Facility consists of two metal tanks with a storage capacity of 78,300 gallons of leachate each sitting on a concrete slab. Adjacent to the Leachate Storage Tanks is the Truck loading facility.

1.3 CONSTRUCTION QUALITY ASSURANCE AGENDA

The Construction Quality Assurance (CQA) program addresses steps to be taken for the construction of the Lateral Expansion and the Leachate Storage Tank Facility to meet or exceed requirements of the FDEP regulations and the construction specifications that provide for the long term integrity of the landfill liner. A copy of the CQA Plan prepared by PBS&J is included in Section 2. PBS&J followed the CQA Plan.

1.3.1 REQUIREMENTS

All shop drawing submittals and factory material quality control test results were reviewed and accepted by the PBS&J Engineer. The Geomembrane Construction Quality Assurance Manager (CQAM), Mr. Raymundo G. Castro, E.I., as the Certifying Engineer's agent at the site, acted as directed by and under the supervision of the Certifying Engineer.

The PBS&J on-site construction quality assurance personnel, Mr. Andrew Marshall, Mr. Castro and Ardaman & Associates, Inc., were responsible for making observations and performing field tests to determine if the project was constructed in accordance with the plans and specifications approved by the FDEP.

1.3.2 CQA DOCUMENTATION

The liner subgrade, liner to clay anchoring and cover soils construction activities were monitored at all times and documented by daily field reports prepared by Mr. Andrew Marshall, Mr. Castro and by Ardaman & Associates, Inc. when on-site. The soil testing results obtained by Ardaman & Associates, Inc. are provided in Section 4.

The liner installation-related activities were monitored at all times. These activities were documented in a series of forms, which are described and provided in Section 2.4 of this report.

1.4 ACTIVITY SUMMARY

Notice to Proceed was issued to Eclipse/Omni Joint Venture (Contractor) on October 1, 1999. The Contractor mobilized construction equipment to the site and started stripping the existing vegetative cover following the notice to proceed.

Contractor started excavation of the leachate collection system on the south west side of the landfill adjacent to existing manhole No. 6 and proceeded southward to proposed manhole No. 7.

Dewatering of excavated areas was performed in a suitable manner with undue interference with other work, without damage to surrounding property, and in accordance with pertinent rules and regulations. The Contractor used the well point system to dewater while excavating the leachate collection trench. Once the Leachate Collection System was complete between manholes No. 6 and No. 7, the Contractor proceeded eastward with the installation.

Once the proposed leachate collection pipe and manholes were completed, the Contractor proceeded with the excavation for the liner installation. Excavation for liner installation started on the south west corner of the landfill approximately 10 feet north of manhole No.7, proceeded southward to the corner and turned eastward around the truck loading facility to attach to the existing liner on the east side of the existing access road.

After excavation was completed and subgrade accepted, the liner installation began on the west side and proceeded eastward around the truck loading facility to attach to the existing liner on the east side across the access road. Before any liner was deployed, density tests were taken from the subgrade in accordance with the specification. If the density tests were in conformance with the project specifications, the subgrade was accepted and signed off by the liner installer (Comanco) and the CQAM on the respective CQA "Certificate of Acceptance of Soil Subgrade" included in Section 3.5 of this report.

Once a subgrade section was accepted, the installer proceeded with the liner installation by deploying panels adjacent to each other, anchoring them at the top into a trench, and attaching them into the existing clay layer at the bottom. The adjacent panels were immediately welded together using a double fusion weld leaving an air channel in the center. The installer would immediately air tested the seams to check for leaks. Destructive samples were taken from the seams at a frequency of 500 linear feet. Samples were tested Shear and Peel in the field and at an independent laboratory for conformance with the project specification.

After liner was tested, sampled and accepted by the CQAM and installer, the Contractor and the CQAM signed off the Synthetic Liner Acceptance Form included in Section 3.6 of this report. This acceptance allows the Contractor to place the sand/soils over the liner.

After the liner was completed, the Contractor proceeded with the construction of the Leachate Storage Tank Facility.

1.5 CONSTRUCTION PLAN MODIFICATIONS

- **Liner Attachment to Existing Liner on the South West Corner**

The 60 Mil HDPE geomembrane liner was not attached to the existing liner at the south west corner of the landfill cell. The liner was anchored to the clay layer at the bottom and was not welded to the existing liner at the tie in. The new liner was laid over the existing liner for approximately twenty four inches and backfilled with clay.

- **Liner Penetration**

The existing 3-inch diameter PVC gravity pipe, from the MRF to the new pump station, was placed over the top of liner berm, thus avoiding a liner penetration and a pipe boot.

- **Rock Layer**

Rock was encounter in the southeast corner of the site where the liner was supposed to be anchored to the clay layer. Ardaman & Associates, Inc. drilled soil borings to determine the extent of the rock layer. Ardaman's report on the findings of these borings is included at the end of this section. The Contractor added a clay layer over the rock layer and extended it laterally to the existing clay layer at both ends. Hardee County and FDEP were informed of this matter.

- **Leachate Collection System Modification**

Manhole No. 8 was relocated 120 feet further east, up-sized from 4-foot to an 8-foot diameter manhole and used as the new pump station, abandoning the existing pump station in place. The Department of Environmental Protection (FDEP) was notified of this change. FDEP did not have any objection to this modification as long as the new pump station was equivalent to the previously approved pump station and that the slopes of the leachate collection piping were no flatter than the previously approved by the Department. Correspondence related to this issue is attached at the end of this section.

- **Manhole No. 8 Relocation**

During the excavation of manhole No. 8, Florida bed rock was encountered. The manhole could not be placed at the plan elevation. Contractor decided to relocate the manhole approximately several feet further east with the approval from PBS&J.

1.6 CONSTRUCTION REQUIREMENTS/SPECIFICATIONS

The Lateral Expansion and Leachate Storage Tank Facility included the installation of the Leachate Collection System and a geomembrane liner on the south side of the landfill cell. The project also included the installation of two Leachate Storage Tanks with a Truck Loading Facility and access road. The overall construction, performed by Eclipse/Omni Joint Venture, was observed by Mr. Andrew Marshall for compliance with the project specifications. The geomembrane installation, performed by Comanco, was observed by Mr. Ray Castro for compliance with the geomembrane installation specifications. A copy of the geomembrane specification is included in Section 2.2.

1.7 CHASTAIN SKILLMAN, INC.

Eclipse/Omni Joint Venture procured the services of Chastain Skillman, Inc. to prepare topographic surveys to provide record documents of the as-built elevations of:

- Geomembrane base grade
- Geomembrane-clay anchor grade
- One drawing showing proposed and as-built elevations on a hundred foot grid system, is included in Section 5.1.

1.8 ARDAMAN & ASSOCIATES, INC.

During the project, PBS&J employed the services of Ardaman and Associates, Inc. to perform/provide the following:

- Density testing subgrade and cover soil for certification purposes.
- Summary report on the findings and certify results as to meeting the project documents.

PBS&J developed project documents to meet or exceed the FDEP permit requirements. Ardaman & Associates, Inc. performed the work items noted above. Ardaman & Associates, Inc. certified that the results of the tests they performed met the contract requirements. A copy of this report and all test results are provided in Section 4.

1.9 GEOMEMBRANE MANUFACTURER INSTALLATION RECOMMENDATIONS

As part of the contract documents, the Geomembrane manufacturer (GSE Lining Technology, Inc.) was required to submit their Construction Quality Assurance (CQA) Manual for review by the PBS&J Engineer. The GSE. CQA plan is included in Section 5.4.

1.10 GEOMEMBRANE MANUFACTURER MATERIAL AND WORKMANSHIP WARRANTY

Per the above-mentioned specifications, GSE Lining Technology, Inc. provided Hardee County a 20-year material warranty for the Geomembrane, and Comanco Environmental Corporation provided a 2-year workmanship warranty. Copies of the sample warranties are included in Section 5.3.

1.11 GEOMEMBRANE SUBGRADE AND COVER SOIL COMPACTION

Compaction of the geomembrane subgrade and cover soil was verified by Ardaman and Associates, Inc. Backfill material was placed in approximately horizontal layers. Material deposited in piles or windrows was spread and leved before compaction. Each layer was compacted according to the "Compaction and Backfill Schedule", Table 02220-A of the construction specifications. The test locations for densities were selected by Ardaman representative and accepted by PBS&J, and included the following:

- Modified Proctor density for the liner subgrade and protective cover soil was taken at a frequency of one every 100 feet along the slope alternating between near the top of slope and near the toe of slope.

1.12 GEOMEMBRANE SUBGRADE SURFACE ACCEPTANCE

Prior to geomembrane deployment, the soil subgrade was visually inspected by the geomembrane installer supervisor and PBS&J CQA Manager. The Contractor endorsed separate subgrade surface acceptance forms. After the geomembrane was properly installed, Eclipse/Omni Joint Venture endorsed a geosynthetic materials acceptance form. The project acceptance forms are included in Sections 3.5 and 3.6.

1.13 GEOMEMBRANE CONFORMANCE TEST RESULTS

The geomembrane was delivered to the job site in one tractor-trailer shipment prior to the installation period. Prior to the geomembrane installation, random samples were removed from the geomembrane rolls delivered to the site. These samples were sent to TRI/Environmental, Inc. (TRI), an independent laboratory for conformance testing.

The geomembrane was sampled according to the CQA Plan at a frequency of one per 100,000 SF. For this project two conformance samples were taken and tested for the following properties:

- Thickness
- Specific gravity
- Tensile properties
- Carbon black content
- Carbon black dispersion

Results showed the geomembrane met the specifications. The material conformance test results are included in Section 4.2.

1.14 PBS&J CQA PERSONNEL DAILY FIELD REPORT

Throughout the project duration, the CQAM completed and signed a Daily Field Report at the end of each day. The Daily Field Reports are included in Section 3.3.

1.15 ON-SITE PERSONNEL

Comanco Environmental Corporation on-site personnel resumes included in Section 3.15 represent the complete crew present on-site during the geomembrane installation portion of the project.

1.16 PANEL PLACEMENT

The geomembrane deployment was documented on the Panel Placement Log. This form contains the following information:

- **Panel No.:** This is an identification number assigned to each geosynthetic materials field panel.
- **Roll No.:** Each factory roll of geosynthetic materials contains a factory roll number.
- **Time:** This is the time of field panel deployment.
- **Thickness:** Thickness of each geomembrane roll was measured after field panel placement
- **L/W:** The width of each field panel is generally the same as factory roll width. Since this is a constant, after the first report the length is only recorded here.
- **CQA ID:** The initials of the CQA personnel recording the field panel installation data.

The Panel Placement Log forms are presented in Section 3.7.

1.17 GEOMEMBRANE SEAMING

After each field panel was deployed, the edge was immediately sealed to the adjacent previously deployed field panel. All data pertaining to this activity was recorded in the Seaming Log. This form contains the following information:

- **Seam No.:** Each field seam is assigned an identification number and recorded in this column.
- **Time:** This is the starting time of each field seam.
- **Technician:** The initials of the technician operating the field seaming machine are recorded here.
- **Equipment No.:** The identification number of the field seaming machine is recorded here.
- **Weld Temp.:** While performing the field seaming operation, the machine temperature was noted and recorded under this column.
- **Weld Speed:** The field seaming machine can run at varying speeds. Each seaming operation is timed and the speed recorded in this column.

- **Temperature:** Ambient temperature was recorded.
- **Test Type:** The seam between two field panels is 100% non-destructively tested. The two test types used in this project were Vacuum Test and Air Pressure Test. Test type was recorded in this column.
- **Repairs:** After seams were non-destructively tested the installer made repairs to the seam, if necessary, and the repairs were also nondestructively tested. The number of repairs was recorded in this column.
- **Dest. Sample:** Field seams were destructively tested approximately every 500 linear feet. Each destructive sample location was numbered, repaired and non-destructively tested. This information was recorded in this column.
- **Length:** The seam length is recorded in this column.
- **CQA ID:** The initials of the CQA personnel recording this data are recorded in this column.

The Seaming Log forms are presented in Section 3.8.

1.18 SEAM AND PANEL REPAIR

Any field panels or seams requiring repairs were completed following the procedures outlined in the contract documents and the CQA plan. After each field panel or seam was repaired, tested and inspected, the location was recorded in the Panel/Seam Repair and Test Location Log and also on the panel placement record drawing. Symbols used to identify the types of repairs are: a triangle represents an extrusion weld, a square represents a patch, and a circle inside a square represents the location of a destructive field seam sample. Data pertaining to this activity is presented in Sections 3.12 and 3.13.

1.19 GEOMEMBRANE NON-DESTRUCTIVE SEAM TESTING

Field seams were non-destructively tested throughout their entire length. The methods used for the non-destructive testing of field seams are described in the geomembrane specification included in Section 3.2.

Data pertaining to the non-destructive testing activities was recorded in the Non-Destructive Testing Log form and presented in chronological order in Section 3.9. This form contains the following information:

- **Seam No.:** Number of the field seam non-destructively tested.
- **Panel No.:** Number of the two adjacent field panels whose seam was non-destructively tested.
- **Time:** Time the non-destructive testing was conducted.
- **Test Type:** The non-destructive test method used.
- **Tech. ID:** The initials of the technician conducting the non-destructive testing.
- **CQA ID:** The initials of the CQA personnel conducting the observation of the non-destructive testing.

1.20 GEOMEMBRANE DESTRUCTIVE SEAM TESTING

Bonded field seam strength was evaluated by destructively testing samples of the completed field seams. These tests were the "seam strength" or shear test, and the "peel adhesion" or peel test. These shear and peel tests are used to verify the strength of the geomembrane field seams in accordance with standard ASTM testing methods. The minimum acceptable values to be obtained in these test are 120 lb/in. (and Film Tear Bond "FTB") for Shear Strength and 85 lb/in. (and FTB) for Peel Adhesion. If a sample failed a destructive test, the geomembrane installer shall follow the procedure mentioned in the specification Section 02776-5.01-10. Destructive test samples from the geomembrane were located and cut at an approximate frequency of one sample for every 500 feet of field seam length. Sample locations were determined by the PBS&J CQA Manager and cut by a Comanco technician. Samples were numbered, dated and sent to the PBS&J laboratory for testing via overnight courier service.

Data pertaining to this activity was recorded in the Seam Destructive Log included in Section 3.10 of this report. This form contains the following information:

- **Sample No.:** Each destructive sample was assigned a number and recorded on the geomembrane, on the sample, and in this column.
- **Date Cut:** The date the destructive sample was removed is recorded in this column.
- **Seam No.:** Number of the seam from which the sample was removed.
- **Panel No.:** Numbers of the field panels seamed where the destructive sample was taken.
- **Tech. ID:** Initials of the technician who performed the field seaming operation are recorded here.

- **Unit No.:** The number of the field seaming machine used in the seam.
- **Weld Type:** The type of weld used in the seam is recorded in this column. Two types were used, double fusion and extrusion welding.
- **Sample P/F:** Laboratory test results for the sample are recorded in this column.
- **CQA ID:** The initials of the CQA personnel performing the CQA observation when the sample was cut.

1.21 LABORATORY DESTRUCTIVE SAMPLE TEST PROCEDURES

Destructive samples were sent to the PBS&J testing laboratory in Winter Park, Florida. PBS&J performed two different tests. The PBS&J Standard Testing Procedures are presented at the end of this section as an attachment. All samples were tested on an Instron Model 1011.

1.22 GEOSYNTHETIC MATERIALS MANUFACTURER CONFORMANCE TEST RESULTS

Geomembrane: The geomembrane manufacturer's conformance sampling and testing frequency requirements required by the project specifications were sampling at every 40,000 ft². The sampling and testing frequency actually completed by GSE was every roll. Each of the 5 rolls were 23 feet wide by 420 feet long (9,660 ft²) and were tested for, and met the properties required in, the project specifications (See Section 4.3). Copies of the Manufacturer Quality Control Test Results are included in Section 4.1 of this report.

1.23 GEOMEMBRANE PANEL PLACEMENT RECORDS.

Drawings by PBS&J representing the as-built condition of the Lateral Expansion and geomembrane panel layouts are included in Section 5.2 of this report.

1.24 LEACHATE COLLECTION SYSTEM VIDEO INSPECTION

The installed leachate collection pipe was inspected with a video camera. The Florida Jetclean Inc. conducted the high pressure water jetting and video inspection of the leachate collection pipe. The video inspection logs are included as an attachment at the end of this section. During the video inspection process, the inspection camera became stuck 180 feet west of wet well. After extensive efforts to recover the camera through the collection pipe failed, Eclipse/Omni excavated to the collection pipe and removed the camera. Repairs were made to the collection pipe and the leachate collection system and the excavation was closed. PBS&J inspection reports for this recovery effort are included at the end of this section.

1.25 CONSTRUCTION PHOTOGRAPHS

Photographs of the geosynthetic materials installation and related work include photographs of the Lateral Expansion and Leachate Storage Tank Facility and general overview photographs. The photographs are included in Section 3.14.

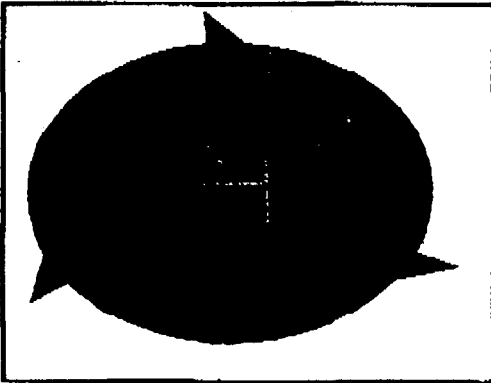
1.26 ATTACHMENTS:

- 1.26.A Ardaman & Associate Soil Boring Report on the rock layer.
- 1.26.B Leachate Collection System Modification - correspondence.
- 1.26.C Leachate collection system video inspection logs.
- 1.26.D PBS&J inspection report for video camera recovery.

g:\wasteman\hardee\certification\cqarepor.doc

ATTACHMENTS

BEST AVAILABLE COPY

**HARDEE COUNTY**

**SOLID WASTE DEPARTMENT
MATERIAL RECOVERY FACILITY
685 AIRPORT ROAD
WAUCHULA, FL 33873**

DATE:
11/16/1989
TO:
DAVE DEANS
FROM:
ANDREW MARSHAL
COPIES TO:
0
SUBJECT:
BORE HOLE
FAX NUMBER:
407-647-8945
NUMBER OF PAGES:
(Including this sheet)

COMMENTS:
PLEASE CALL IMMEDIATELY

PLEASE DELIVER THESE PAGES TO THE INDIVIDUAL NAMED ABOVE. IF YOU HAVE ANY DIFFICULTY RECEIVING THIS TRANSMISSION OR IF PAGES ARE MISSING OR ILLEGIBLE, PLEASE CALL (941) 773-5089 AND SPEAK WITH JANICE.

Ardaman & Associates, Inc.

P.O. BOX 812 BARTOW, FLA. 33630 (813) 589-0888

PROJECT HARDEE LANDFILLCLIENT PRSTBORING LOCATION BY PRSTCOUNTY HARDEESTATE FLBORING NO.: TH-2TOTAL DEPTH: 35SHEET 2000 1 OF 1FILE NO. 99-9485

DEPTH Feet	STANDARD PENETRATION TEST ASTM D-1586		LAB DATA				SOIL DESCRIPTION AND REMARKS (UNIFIED CLASSIFICATION)	PROFILE	OBSERVED SAMPLES
	BLows/ft	N VALUE	W (%)	P (%)	L (%)	S (%)			
0							10' OFF EXISTING LINE		
0							BROWN SAND w/ SHELL FILL		
2.5	R/W						2.5 NG.		
5.0							BROWN SAND w/ SILT		
7.0	R/W						7.0 DRY BROWN SAND w/ SILT		
10.0							10.0		
12.5	R/W						12.5		
14.0							LT. GREENISH BROWN CLAYEY SAND		
15.0							14.0 V. LT. BROWN SILTY CLAYEY SAND		
15.0							15.0		
15.0	R/W						V. LT. BROWN, CAL., WEATHERED LIMESTONE, SHELL FRAG.		
20.0							CEMENTED CAL. CLAYEY SAND & GRAVEL		
20.0							(WEATHERED LIMESTONE)		
22.5	R/W						22.5 LOST CORE		
23.0							23.0		
25.0	15-21-28 49 (1)						ORANGISH BROWN CLAYEY SAND w/ PHOS. FINE		
27.5	R/W						27.5		
30.0							BLUEISH GRAY SANDY CLAY w/ PHOS. FINE		
35.0	17-11-25 44 (2)						E.O.B. 35.0		

Ardaman & Associates, Inc.

P.O. BOX 812 BARTOW, FLA. 33890 (813) 589-0850

PROJECT HARDEE LANDFILLCLIENT PBSTLOST H₂O @ 12' 0BORING LOCATION BY PBSTCOUNTY HARDEESTATE FLBORING NO.: TH-1TOTAL DEPTH: 35.0SHEET 1 OF 1FILE NO. 99-9485

20' CASING SET

DEPTH Feet	STANDARD PENETRATION TEST ASTM D-1586		LAB DATA				SOIL DESCRIPTION AND REMARKS (UNIFIED CLASSIFICATION)	PROFILE
	Blow Count	Penetration in Value	Moisture Content %	Wet Weight %	Dry Weight %	PL		
0								
5	R/W						BROWN SAND w/ SILT	
10	R/W						- 9.0 Dk. BROWN SAND w/ SILT	
15.0	R/W						- 12.0 V. LT. BROWN CONSOLIDATED, CLAYEY SAND w/ SMALL LAYERS OF COARSE SAND AND GRAVEL	
20.0	R/W						- 19.0 Dk. GREENISH BROWN CLAY AND SANDY CLAY w/ PHOS. FINES	
25	R/W							
30.0	R/W							
35.0	4-15-31 AG ①						Dk. GREENISH BROWN SANDY CLAY, CLAYEY SAND IN SMALL LENSES w/ PHOS. FINES E.O.B. 35.0	


**Florida Department of
Environmental Protection**

Southwest District

FAX TRANSMITTAL

DATE: September 7, 1999

TO: Janice Williamson - Hardee Co. David Deans, P.E. - PBSJ
Phone: (941) 773-5089 Phone: (407) 647-7275
Fax: (941) 773-3907 Fax: (407) 647-8945

FROM: Susan Pelz, P.E.  Phone: (813) 744-6100 ext 386 Fax: (813) 744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET -3-

SUBJECT: Hardee County Landfill Construction, Permit No.: 38414-001-SC
Leachate collection system modification, PBSJ letter dated September 3, 1999
(received via fax September 7, 1999), attached for reference

The Department has reviewed the above-referenced submittal, and does not object to your proposed modification and reporting, subject to the following:

1. The design of the lift station (including the pumps) shall be substantially equivalent to the design previously approved. The pumps shall adequately manage the expected leachate flows.
2. The slopes of the leachate collection piping to the new lift station (MH #8) shall be no less (flatter) than the slopes previously approved by the Department for this project.

If you have any questions, you may contact me at the phone number listed above.

sjp



An employee-owned company

September 3, 1999

Ms. Susan J. Pelz, P.E.
Solid Waste Section
FDEP - Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Hardee County Class I Landfill
Permit No. 38414-001-SC
Leachate Collection System Modification

Dear Ms. Pelz:

The contractor has proposed that we modify the leachate collection system design to eliminate the use of the existing pump station in the system. He proposes to move manhole number eight about 120 feet further east, up-size the manhole from a 4-foot diameter to an 8-foot diameter manhole, and use this manhole as the pump station. See Figure 1 (dated September 3, 1999).

This proposal is attractive to the County because it eliminates the need for coordinating leachate pumping and transport facilities while the existing pump station would be out of service. The contractor finds this attractive because the proposed new pump station is further away from the existing dewatering ditch, and reduces the construction challenges associated with being so close to this body of water.

We propose to approve this modification to the design, note this change in our certification report, and reflect the design details on the record drawings to be submitted at the end of construction. We are requesting your agreement to this change, and to our proposed method of reporting the details to the department.

We look forward to your favorable response to our request. The contractor is standing by waiting for our direction on this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read 'David E. Deans', written in a cursive style.

David E. Deans, P.E.
Senior Vice President

c: J. Williamson, Hardee County
07-862.39

Enclosure

GA:ENV\COMMON\WASTEMAN\HARDEE\PERMIT\PELZ9039.WPD

STING PUMP STATION
(SEE SHTS M 1-2)

PROPOSED 57.53 (LF)

8" CORRUGATED
SLOTTED HDPE PIPE

INV. EL. 72.89 W

INV. EL. 72.75 E

8" CORRUGATED
HDPE PIPE
INV. EL. 72.75 W
INV. EL. 73.08 E

MW-2

PROPOSED
CORRUGATED
HDPE PIPE
INV. EL. 73.08 W
INV. EL. 72.75 E

EXIST. TRUCK
LOADING AREA

EL. 85.4

V/S 7%

RELOCATE MH #8 and
increase to 8' for
use as a pump station
Eliminate existing
station from system

MW-9

E 726811.00
N 1176579.67
EL. 83.00

PROPOSED M.H. #8

E 726843.93
N 1176585.75

BM #2
EL. 85.875

E 726948.91
N 1176500.61

FIGURE 1.

4/3/99


**Florida Department of
Environmental Protection**

Southwest District

FAX TRANSMITTAL

DATE: September 7, 1999

TO: Janice Williamson - Hardee Co. David Deans, P.E. - PBSJ
Phone: (941) 773-5089 Phone: (407) 647-7275
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2. The slopes of the leachate collection piping to the new lift station (MH #8) shall be no less (flatter) than the slopes previously approved by the Department for this project.

If you have any questions, you may contact me at the phone number listed above.

sjp

4076478945

ID: 407-647-8945

SEP 07 '99

8:40 No.003 P.01

BEST AVAILABLE COPY

*An employee-owned company*

September 3, 1999

Ms. Susan J. Polz, P.E.
Solid Waste Section
FDEP - Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Hardee County Class I Landfill
Permit No. 38414-001-SC
Leachate Collection System Modification

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We look forward to your favorable response to our request. The contractor is standing by waiting for our direction on this matter.

Very truly yours,

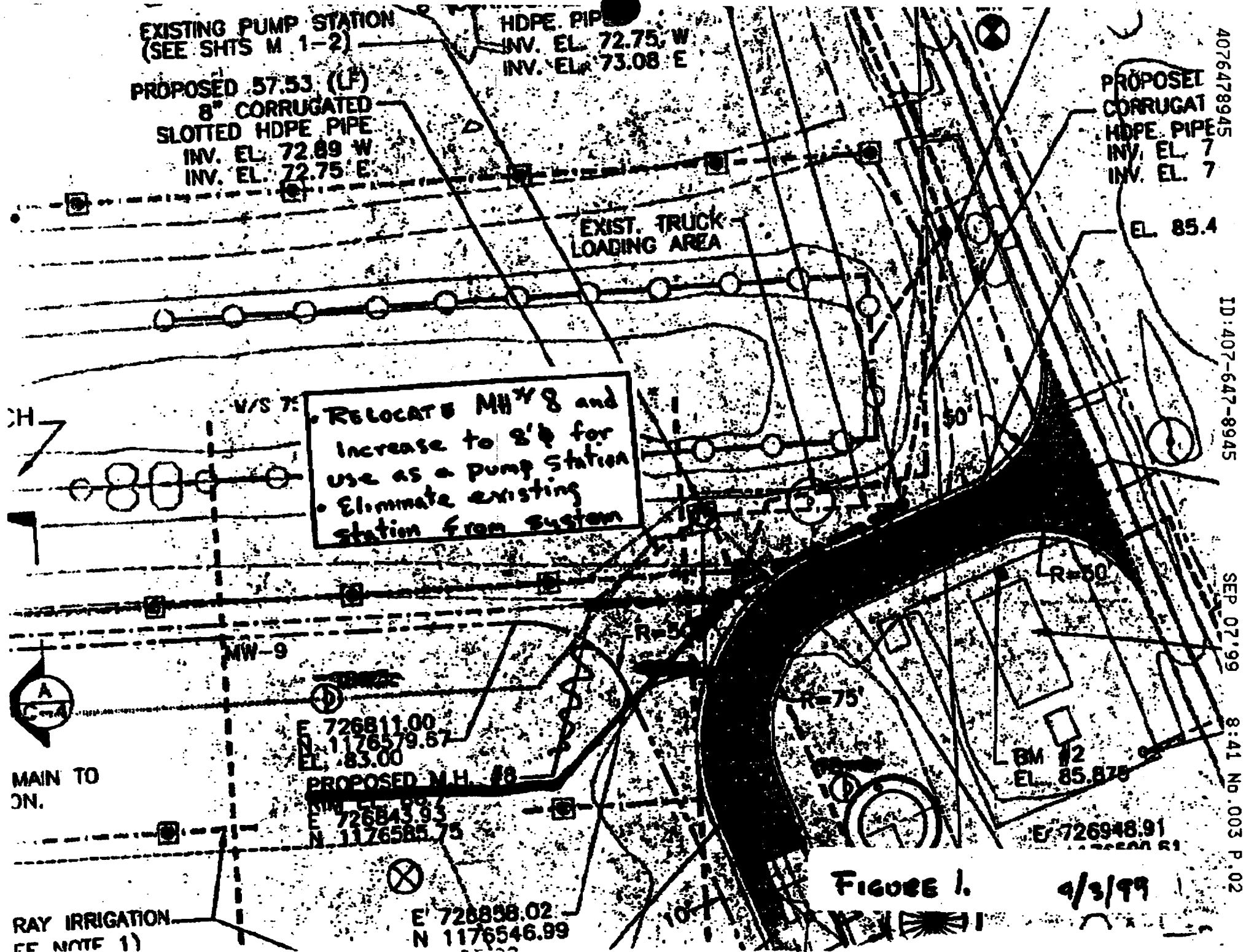
A handwritten signature in black ink that reads 'David E. Deans'.

David E. Deans, P.E.
Senior Vice President

cc: J. Williamson, Hardee County
07-862.39

Enclosure

G:\ENV\COMMON\WASTE\MAN\HARDEE\PERMIT\PELZ9039.WTU



4076478945

ID: 407-647-8945

SEP 07 '99

8:41 No. 003 P. 02

FLORIDA JETCLEAN INC.

HIGH PRESSURE WATER JETTING
VIDEO PIPELINE INSPECTION
NO DIG POINT REPAIRS

37 WINDWARD ISLAND
CLEARWATER, FL 33767-2322
TEL: 800-226-8013 FAX: 727-442-2222

HARDEE COUNTY LANDFILL

NEW CELL LEACHATE COLLECTION SYSTEM

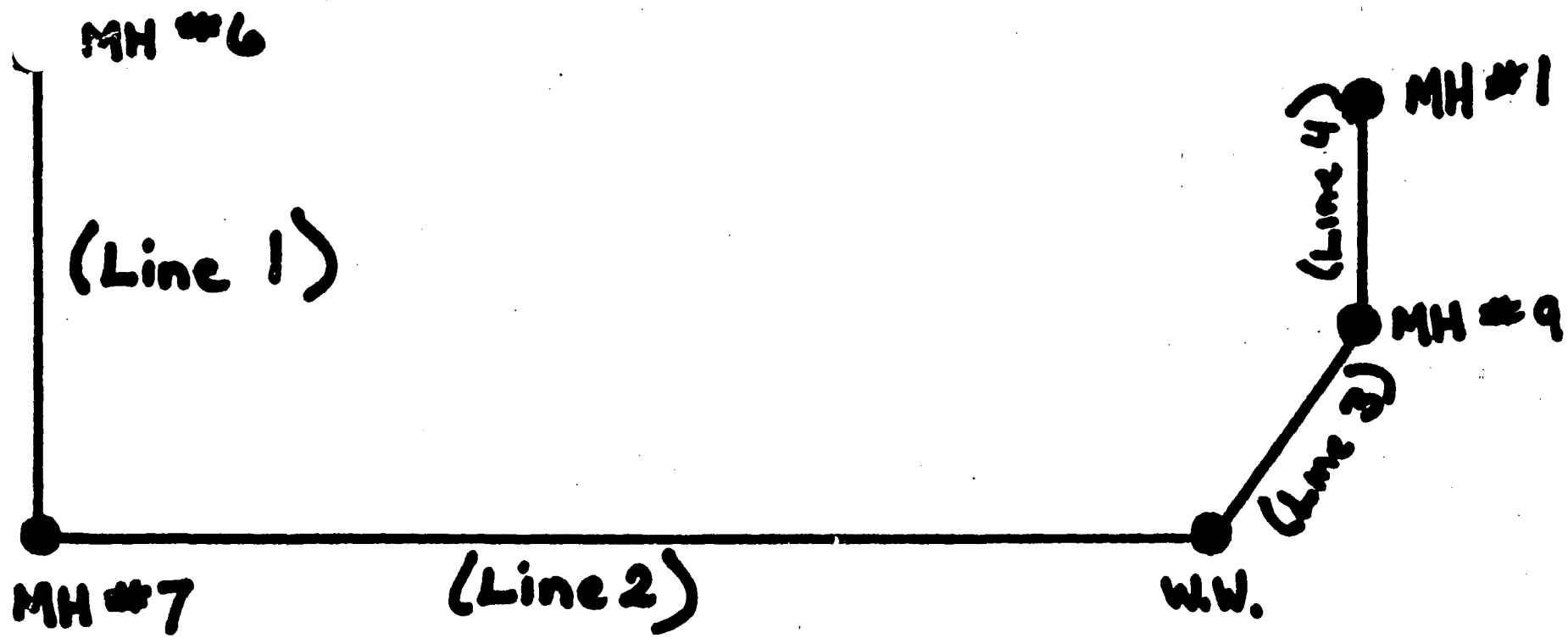
VIDEO INSPECTION LOG

TAPE 1

MH7 - WETWELL	612'	Restriction in pipe (see Tape 2 below)
MH9 - WETWELL	96'	
MH9 - MH1	84'	
MH7 - MH6	94'	Restriction in pipe

TAPE 2

MH9 - WETWELL	180'	Video from damage point access to WW
WETWELL - MH7	417'	Video from damage point access to MH7



PROJECT:	HARDEE COUNTY	DATE:	JAN 11, 200
LOCATION:	WAUCHULA	DAY:	S M T W TH F S
OWNER:	HARDEE COUNTY	WEATHER:	clear overcast rain
OWNER REP.:	PBS&J	TEMP:	55-70 70-85 85-90 90-105
CQA MANAGER:	RAYMUNDO CASTRO	WIND:	still moderate high
PBSJ PROJ. NO.:	07-862.39	HUMIDITY:	dry moderate humid

DAILY FIELD REPORT

On site @ 9:20

- 9:30 a.m. Eclipse/Omni started excavating platform above the approximate location of the stuck camera.
- 10:00 a.m. Eclipse waiting for a trench box wider than the one they have on-site.
- 10:30 to 11:00 a.m. Started assembling the trench box that has just arrived.
- Excavation began at approximately 11:15am.
- 11:30 to 12:00 removing dirt from fabric wrap.
- 1:00 p.m. The leachate collection pipe was exposed. The pipe has a gap of approximately 8".
- Florida Jetclean Inc. retrieved their jet head out through the gap.
- 2:00 p.m. camera is still stuck inside the leachate collection pipe. Florida Jetclean decided to jet the pipe from the gap to manhole #7 and to wet well.
- 3:00 p.m. finally the camera was retrieved. The leachate collection pipe was jetted from the gap to wet-well and from gap to manhole #7.
- Florida Jetclean started video taping from the gap to the wet-well first and then from the gap to manhole #7.
- 5:00 p.m. Eclipse/Omni installed coupling at the gap, replaced the gravel and overlapped the geotextile over the gravel.
- 5:30 p.m. trench is backfilled and compacted. Trench-box was removed.

CHECKED BY: Raymundo Castro

SIGNATURE: _____

RECEIVED

JUL 28 2000

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

SECTION 2

GENERAL CONSTRUCTION DOCUMENTATION

SECTION 2.1

CONSTRUCTION DAILY FIELD REPORT



CONSTRUCTION
SERVICES,
INC.

Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Monday/04/Oct./99
Weather: Cloudy/80°.
Report No: 001

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
^01200	2nd. Monthly Progress Meeting Minutes. Attendees: Gary Oden: 941-773-9430 Hardee County Janice Williamson: 941-773-5089 Hardee County Gerald Petro: 941-644-7082 OMNI Larry Stark: 941-773-2980 OMNI Keith Clairmont: 941-773-2980 OMNI David E. Deans: 407-647-7275 PBS&J Jeff Wild: 407-647-7275 PBS&J Andrew Marshall: 305-592-7275 PBS&J The following items have reviewed; ^01010 Summary of Work to date. ^01040 Coordination, look a head. ^01050 Field Engineering and Surveying. ^01065 Permits. ^01200 Project Meetings. ^01310 Progress Schedule and Report. ^01340 Shop Drawings, Work Drawings and Samples. ^01370 Schedule of Values. ^01380 Construction Photographs. ^01410 Testing and Testing Laboratory Services. A detailed Minutes of the Meeting will be issued by; Larry Stark, OMNI. Note: Monday/ 11/ October/ 99 is the start date for Liner and Leachate Piping installations.	

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild
Larry Stark

PBS&J
OMNI

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.
FL Lic # 012609



DAILY LOG REPORT

Reported by: Andrew Marshall
Date: Monday/11/Oct/99
Weather: 80°Prtly Cloudy.
Report. No.002

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Larry Stark
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2607. Tel: 305-592-7275. Fax:305-594-8616.



Reported by: Andrew Marshall
Date: Tues./12/Oct./99
Weather: 80°-Partly Cloudy.
Report No: 003

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Wednesday/13/Oct/99
Weather: 85° & Clear.
Report No: 004

[illegible]

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4801 407-847-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Thursday/14/99
Weather: 80°, Partly Cloudy.
Report No: 005

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	Supervision: Eclipse; 1-PM, 1-Superintendent.	2
	PBS&J:	1
	Field Crew: 1-Engineer	
	2-Operators	
	2-Pipes Installations	
	3-Laborers	8
	8" Leachate pipes installation continue from MH#6 to MH#7	
	Equipment on Site: 1-Crane	
	1-Front End Loader	
	1-Lull	
	1-Backhoe	
	1-Trackhoe	
	2-Plate Compactors	
	1-BW BOMAGE, 196 Ft. LBS., Drum Roller	
	Note: Mr. David E. Deans, P. E;	
	Visited the site PM & met with Janice Williamson	
	Gary Oden, Steve Moore & Andrew Marshall.	
	The following items have been reviewed;	
	1-Dewatering volume to be determine on by	
	field test.	
	2-Master schedule	
	3-Daily progres	
	4-Weekly projection.	
	PBS&J's field camera has been given to Mr. Dean for	
	repair, does not rewined. And the film got stuck in it.	

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767



CONSTRUCTION
SERVICES,
INC.

BEST AVAILABLE COPY

Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Friday/15/Oct/99.
Weather: Cloudy, Ilean.
Report No: 006

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Field Supervision:	2
	Field Operation: 1-8" Lechate Pipe from MH#6 To MH#7 installations completed.	
	2-MH#7, Bottom section installed.	
	3-Back fill & compaction continue.	4
	4-Wet Well excavation preparation started.	
	Wet Well Boxes have been delivered.	4
	Density Test: Ardaman; Density test between MH#6 & MH#7 Test #4.	1
	Note: At 01000 hour, a test has taking on Dewatering the trench by 3" Wacker Water Pump. The pump avaraged 5 Gal Per Minutes. Avarage pumping hours = 6 hours per day. Pumping operation started on Monday/11/Oct/99.	
	Total	12

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 841-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.

BEST AVAILABLE COPY
Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Sat/16/Oct/99
Weather: Cloudy/Rainy/ Irean.
Report No: 007

[illegible]

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.



Project: Hardee County Land Fill
Address: Lateral Expansion And
Loachate Storage Tank Facility
Hardee County, Florida

Report No: 008

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.



**CONSTRUCTION
SERVICES,
INC.**

Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Monday/18/Oct./99
Weather: 80°-Clear
Report No: 009

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Field Supervision:	2
	Field Crew:	2
	2-Trackhoe	1
	1-Backhoe	1
	1-Drum Roller	1
	1-One Dozer	1
	1-Lull	1
	1-Engineer	1
	2-Pipes Installers	2
	Office Personnel:	1
	1-Project Manager	1
	1-Superintendent	
	Activities: 1- From MH#6 To MH#7 has been completed 100%	
	2-From MH#7 to Wet Well;	
	a-Trench excavation, 300'.	
	b-Pipe installation, 100'.	
	c Back-Fill & Compaction, 90'.	
	Density Test:	Ardaman has been schedule to be on site @ 11 AM.
	Note-1	Sheet 5/16, Drawing C-4, MH#7, Detail A/C-4, Plan View; BLIND FLANGED OF 12" HDPE PIPE has been installed in line of 8" HDPE below it. Mr. Jeff Wild informed and accepted the installation.
	Note-2	6" Existing Leachate pipe has been cut off during Excavating for the 8" pipe, 180' East of MH#7. As per sheet 3/16, C-2, Note #1 Existing Underdrain to be Abandon.
	Total	14

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Tuesday/19/Oct/99
Weather: 85° - Clear
Report No: 010

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Field Supervision:	2
	Field Crew:	2
	a-2-Trackhoe Operators	1
	b-1-Drum-Roller Operator	1
	c-1-Dozer Operator	1
	d-1-Engineer	1
	e-3-Pipes Installers	3
	Office Crew:	1
	a-1- Project Manager	1
	b-1-Project Manager Assistance	
	Ardaman: Densities: a-From MH#6 to MH#7; All passed	
	b-From MH#7 to Wet Well; All passed.	1
	Field Activities:	
	a-120' of 8" Leachate pipes have been installed.	
	b-Compaction:	
	1-From MH#6 to MH#7; Regraded & compacted.	
	2-From MH#7 to Wet Well continue.	
	Note 1-: 2nd. Line of the Existing 6" Leachate drain pipe has been cut at Elev. 6' from existing grade & 200' from MH#7.	
	Note 2-: Steve Moore, what is MH#7 Vent's color & schedule?, asked. (WILD CLAIMED), SCH 40 & NO COLOR SPEC (per Williamson on color)	
	Note 3-: Mr. Tomas Macias, Peace River Electric Co. Engineer need to have the total new load & voltage to make sure they have enough service. Tel. 941-773-4116, Ext. 279 Fax. 941-773-4508 Please fax all information to Tomas with Cc to the field office.	
	Total	14

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Wednesday/20/Oct/89
Weather: 85°- Partly Cloudy
Report No: 011

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Field Supervision:	2
	Field Crew: 2-Trackhoe Operators	2
	1-Drum-Roller Operator	1
	1-Dozer Operator	1
	3-Pipes Installers	3
	1-Field Engineer	1
	Office Crew: 1-Secretary, 1-PM, 1- Assistance PM.	3
	Field Activities: 1-Leachate Pipes Installation: 60'.	
	2-Excavation; 400' From MH#7 completed.	
	3-Dewatering: Equipment delivered at 1200 hour.	
	Well Points installation started at 1300 hour.	
	4-Compaction: 300' from MH#7 completed.	
	Density: Ardaman; Took density AM., PM.	1
	Note: 1- Existing Underdrain 6" pipe has intersepted at 330' @ 6' depth.	
	2- Due to the Underdraing pipes have been cut (3), the pumps have	
	Two of 88 Gal/Minutes, worked an abverage of 3 hours/day	
	around 30.000 GL/day.	
	TOTAL	16

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Thursday/21/Oct./99
Weather: 85°- Partly Cloudy
Report No: 012

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Field Supervision:	2
	Field Crew: 2-Trackhoe Operators	2
	1-Drum-Roller Operator	1
	1-Dozer Operator	1
	3-Pipes installers	3
	1-Field Engineer	1
	Office Crew: 1-Secretary, 1-PM, 1- Assistance PM.	3
	Field Activities: 1-Leachate Pipes Installation: 80'. 2-Excavation; 500' From MH#7 completed. 3-Dewatering: Installation completed & working. Pump capacity is 1800 GL/Minutes. Pumping at the rate 10% of its capacity, about 5,000 GL/Day 4-Compaction: No compaction has been done today.	1
	Density: Ardaman; Took density at 1100 hour. Density failed.	
	Note: 1- Existing Underdrain 6" pipe has intersepted at 400' @ 6' depth. 2- Due to the Underdraining pipes have been cut (3), the pumps have Two of 88 Gal/Minutes, worked an abverage of 3 hours/day around 30.000 GL/day.	
	TOTAL	15

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767



CONSTRUCTION
SERVICES,
INC.

Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Friday/22/Oct/99
Weather: 70°-Clear
Report No: 13

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	<u>PBS&J</u>	1
	<u>Office Personnel:</u> 1-Secretary, 1- PM, 1- Assistance Engineer.	3
	<u>Field Crew:</u> 2-Trackhoe Operators	2
	1-80 Tons Crane, Crew of Two	2
	1-Drum-Roller Operator	1
	1-Dozer Operator	1
	1-Field Engineer	1
	<u>Water Pumps:</u> 2-88 GL/Minute	
	1-300 GL/Minute	
	1-1,800 GL/Minute, for well points.	
	<u>Field Activities:</u> 1- Back-Fill & Compaction; From MH#7 to the Wet Well continue, 12" layers. 50% of the trench has been completed.	
	2-Wet Well installation completed.	
	3-Density: Ardaman; All density passed. Has been scheduled for Sat. 01100 hour.	1
	<u>Note:</u> 1- No pipe installations.	
	2- Wet Well; The bottom of the Wet Well is 1.5' above the designed elevation, due to solid rock formation, could not excavate to the designed elevation.	
	<u>Dewatering:</u> 35,000.00 Galoon for the day.	

Cc: David Carter, Kevin Callahan, David Doane, Jeff Wild, Steve Moore.
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2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-892-7275. Fax:305-594-8616.



Construction Managers, Consulting Engineers

Report No: 014

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.



CONSTRUCTION
SERVICES,
INC.

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Construction Managers/Consulting Engineers

DAILY LOG REPORT


Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Tuesday/26/Oct/99
Weather: 70°-Clear
Report No: 017

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	<u>PBS&J:</u>	1
	<u>Office Personnel:</u> 1-PM, 1-PM's Assistance, 1-Engineer	3
	<u>Field Crew:</u> 1-Superintendent	1
	3-Trackhoe Operator	3
	1-Dozer Operator	1
	1-Drom-Roller Operator	1
	3-Laborers	3
	<u>Field Activities:</u> 1-Leachate Collection Trench; Rough excavation=400' completed @ S. E. corner of the project.	
	2- From MH# to Wet Well; 8" Leachate pipes, 60' inst.	
	3- Backfill & Compaction; 100'	
	<u>Dewatering:</u> 40,000.00 Gal. Average per day.	
	<u>Ardaman:</u> 1- Sampled 5 Gal. Bucket Of Clay from the Leachate Collection Trench.	
	2- Sampled rock from the Wet Well bottom elevation Bed-Rock.	
	3- Density test final grade first 200' ^X _E of MH#7.	
	Total	13

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-692-7276. Fax: 305-504-8616.

 CONSTRUCTION SERVICES, INC.		Construction Managers, Consulting Engineers	
DAILY LOG REPORT			
Project: Hardee County Land Fill Address: Lateral Expansion And Leachate Storage Tank Facility Hardee County, Florida		Reported by: Andrew Marshall Date: Thursday/11/Nov./99 Weather: 78° - Partly Sunny. Report No: 033	
CSI-DIV.	ACTIVITIES DESCRIPTION		M.P
	PBS&J:		1
	Office Personnel: 1- Project Mgr. 1- Project Engineer, 1- Secretary.		3
	Field Crew: 4- Trackhoe operators		4
	1- D-6 Dozer operator		1
	1- D-3 Dozer operator		1
	1- Roller Drum Compactor operator		1
	1- Superintendent		1
	1- Laborer		1
	1- Density Technetion		1
	Field Activities: 1- Liner Trenches excavation West to East continue.		
	2- Back-Fill & Compaction; 2nd lift above the Clay layer is completed.		
	Density: From MH#7 to MH#8 2nd. Lift above the Clay layer.		
	Dewatering: 2- Pumps 300 Gal./ Mnt. Capacity		
	1- Pump 88 Gal./ Mnt. Capacity		
	1- Pump 88 Gal./ Mnt. Capacity, stand by.		
	Water pumped for the day = 50,000.00 Gal.		
	Not: 1- COMANCO has been scheduled to work on Friday and Saturday to be able to finish up Liner installation.		
	2- PBS&J Q. C. Engineer shelled to be on site for the duration of Liner installation.		
	3- Ardaman Lab Engineer scheduled for Density & Clay sampling every 400'.		
			14
Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore. Fax: 407-339-4601 407-647-8945 941-773-0767			
2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.			



**CONSTRUCTION
SERVICES,
INC.**

Construction Managers, Consulting Engineers

DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall
Date: Friday/12/Nov./99
Weather: 80°- Partly Sunny
Report No: 034

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	2
	Office Personnel: 1- PM., 1- Assist. PM., 1- Sec., 1- Eng.	
	Field Crew:	
	4- Trackhoes operators	4
	1- D-8 Dozer operator	1
	1- D-3 Dozer operator	1
	1- Drum Roller Compactor operator	1
	1- Superintendent	1
	15- Liner installers	15
	2- Liner Sealers	2
	1- Q.C.	1
	1- Density & Clay sampling (Ardaman).	
	Field Activities:	
	1- Liner Installation; 15 panels installed. Total panels installed to date = 36 Panels.	
	2- Excavation; Liner Trench <u>C</u> completed & 1/2 to <u>D</u> .	
	3- Back-Fill & Compaction 20% on line <u>B</u>	
	Dewatering:	
	1- Pumping from MH#8 has been stopped.	
	2- Pumping water from Liner Trench only.	
	a- Two Pumps 300 Gal./ Mnt.	
	b- One 88 Gal./ Mnt.	
	c- One 88 Gal./Mnt. Stand by.	
	30,000.00 Gal. Pumped for the day.	
		28

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.


**CONSTRUCTION
SERVICES,
INC.**
Construction Managers, Consulting Engineers
DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
 Leachate Storage Tank Facility
 Hardee County, Florida

Reported by: Andrew Marshall

Date: Saturday/13/Nov.99

Weather: 75° - Cloudy

Report No: 035

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	2
	Office Personnel: 1- PM., 1- Assistant PM.	2
	Field Crew: 4- Trackhoes operators	4
	1- D-8 Dozer operator	1
	1- D-3 Dozer operator	1
	3- Laborers	3
	15- Liner installers	15
	1- Liner Q. C.	1
	2- Liner Sealers	2
	Field Activities: 1- Liner Trench excavation from C to D continue 80% completed.	
	2- COMANCO could not install any line, trench was not ready. Patched all test holes.	
	2- Back-Fill, no compaction, 35 1/2 panels 60% completed	
	Dewatering: PUMPS;	
	2- 300 Gal./Mnt.	
	2- 88 Gal./Mnt.	
	20,000.00 Gal. Pumped for the day.	
	Note: COMANCO worked Two Hours only, Liner Trench was not ready. Scheduled for Monday/15/Nov./99.	
		31

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
 Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.


**CONSTRUCTION
SERVICES,
INC.**
Construction Managers, Consulting Engineers
DAILY LOG REPORT

Project: Hardee County Land Fill
Address: Lateral Expansion And
 Leachate Storage Tank Facility
 Hardee County, Florida

Reported by: Andrew Marshall
Date: Sunday/14/Nov./99
Weather: 75° - Clear
Report No: 036

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P.
	PBS&J:	1
	Office Personnel: 1- PM., 1- Asst. PM.,	2
	Field Crew: 4- Trackhoes operators	4
	1- D-8 Dozer operator	1
	1- D-3 Dozer operator	1
	Field Activities: 1- Ecvation; C line 100% completed. D line 80% completed.	
	2- Back-Fill, no compaction; B line 80% completed. C line 50% completed.	
	Dewatering: Water Pumps:	
	1- 300 Gal./Mnt. Pump @ the end of B line (E).	
	1- 300 Gal./Mnt. Pump @ mid of D line.	
	1- 300 Gal./Mnt. Stand by Pump.	
	2- 88 Gal./Mnt. Stand by Pumps.	
	Average pumped water for the day 10,000.00	
		9

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
 Fax: 407-339-4801 407-847-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.



CONSTRUCTION
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INC.

Construction Managers, Consulting Engineers

DAILY LOG REPORT

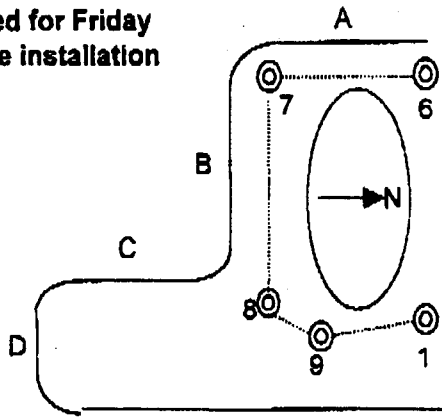
Project: Hardee County Land Fill
Address: Lateral Expansion And
Leachate Storage Tank Facility
Hardee County, Florida

Reported by: Andrew Marshall

Date: Thursday/18/Nov./99

Weather: 70° - Clear

Report No: 040

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J:	1
	Office Personnel: 1- PM., 1- Assist. PM., 1- Secretary.	3
	Field Crew:	1
	1- Trackhoe operator	1
	1- Front End Loader operator	1
	1- Doze operator	1
	1- forklift operator	1
	1- Laborer	1
	Field Activities:	
	1- Excavated Clay from the S. W. of MH#7 to use as needed to complete the last 165' Liner installations on East end ; Connect line D to line E.	
	2- Final site grading continue.	
	3- Sodding & Seeding on the West side started.	
	4- Final excavation preparations on D line completed.	
	Dewatering:	
	300 Gal/ Mnt. Pump, pumping 60 Gal/ Mnt.	
	80,000.00 Gal have been pumped for last 24 hours.	
	Note: COMANCO has been scheduled for Friday 19 of Nov., 99 to completed the installation of the liner, 165'	
		9

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.
Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax:305-594-8616.



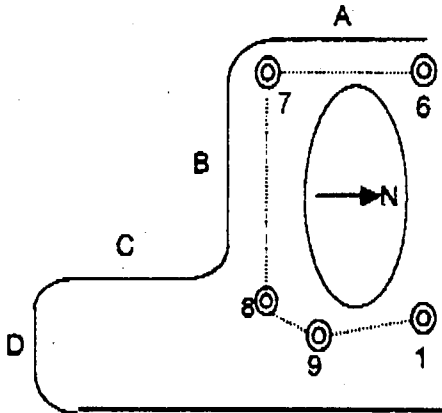
DAILY LOG REPORT

Reported by: Andrew Marshall

Date: Friday/ 19/ Nov./ 99

Weather: 70° Partly Cloudy.

Report No: 041

CSI-DIV.	ACTIVITIES DESCRIPTION	M.P
	PBS&J: Jeff Wild arrived to the project at 0700 hour to relieve Andrew Marshall.	2
	Office Personnel: 1- PM., 1- Assistant PM., 1- Secretary	1
	Field Crew: 1- COMANCO Liner installers & Q. C. 2- Trackhoe operators 3- Front End Loader 4- Forklift	15 2 1 1
	Field Activities: 1- Liner installation completed 100% 2- Liner Trench back fill & compaction completed 100% 3- Site Grading continue. 4- Sod installations continue.	
	Dewatering: 30,000.00 Gal for the day.	
		
		22

Cc: David Carter, Kevin Callahan, David Deans, Jeff Wild, Steve Moore.

Fax: 407-339-4601 407-647-8945 941-773-0767

2001 Northwest 107 Avenue, Miami, Florida 33172-2507. Tel: 305-592-7275. Fax: 305-594-8616.

PAGE 1 of 2

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P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions:	<input checked="" type="checkbox"/> clear	<input type="checkbox"/> partly cloudy	<input type="checkbox"/> overcast		
Temperature:	<input checked="" type="checkbox"/> high	<input type="checkbox"/> low	70-80°		
Wind:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> slight	<input type="checkbox"/> strong		
Rain:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> light	<input type="checkbox"/> heavy showers		
Rain Duration:	<input type="checkbox"/> 0-2 hours	<input type="checkbox"/> 2-4 hours	<input type="checkbox"/> 4-6 hours	<input type="checkbox"/> All day	
Working Conditions:	<input checked="" type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair	<input type="checkbox"/> poor	<input type="checkbox"/> bad
Duration of Acceptable Conditions:	<input checked="" type="checkbox"/> all day	<input type="checkbox"/> 4-6 hours	<input type="checkbox"/> 2-4 hours	<input type="checkbox"/> 0-2 hours	<input type="checkbox"/> unacceptable
Soil Conditions:	<input checked="" type="checkbox"/> dry	<input type="checkbox"/> wet	<input type="checkbox"/> extremely dry	<input type="checkbox"/> extremely wet	

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

not informed of any.

GENERAL COMMENTS:

No activity on tanks or
loading facility.

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson 11/29/77

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 095

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 11/29/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

Treasure Coast continued backfilling and final grading of the liner trench area. 2 men here today and two pieces of equipment operating.

Don here to review electrical and submittals.

Continued with the watering of seed and sod.

Completed bricking in of MH #7 and MH#9.

No pumping of water.

Retainage Pond Elevations:
7:00am: 80.25

Wet Well Elevations:
1M - 79.38

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
7 TON COMPACTOR	NEFF	1	BOMAG	SITE	Picked up
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
BOOM TRUCK	EOJ	1	FORD 8 TON	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
TRUCK 94	EOJ	1	FORD F150	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 11/30/99

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 095**685 Airport Rd. Unit #7
Yachula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 11/29/99**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
CHAINSAW	EOJ	1	STIHL	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
3" MUD PUMP	EOJ	1	WACKER	LINER EWRUN	
BACKHOE 315	RINGRENT	1	CATERPILLAR	SITE	Picked up

FIELD FORCE LABOR

Category	Source	Supv.	Emm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	1	1	FIELD	OFFICE-0

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 11/30/99

Signed: Steve Moore

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 095

685 Airport Rd Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 11/29/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

FIELD FORCE LABOR

Category	Source	Sq. Ft.	Irreg.	Appr.	Work Area	Remarks
SUB	TREA	1		1	FIELD	TWO PIECES OF EQUIPMENT OPERATING
Totals:		2	1	2	1	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 11/30/99

DAILY REPORT OF CONSTRUCTION

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PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions:	<input checked="" type="checkbox"/> clear	<input type="checkbox"/> partly cloudy	<input type="checkbox"/> overcast
Temperature:	<input checked="" type="checkbox"/> high	<input type="checkbox"/> low	70-80
Wind:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> light	<input type="checkbox"/> strong
Rain:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> light	<input type="checkbox"/> heavy showers
Rain Duration:	<input type="checkbox"/> 0-2 hours	<input type="checkbox"/> 2-4 hours	<input type="checkbox"/> 4-6 hours All day
Working Conditions:	<input checked="" type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair poor bad
Duration of Acceptable Conditions:	<input checked="" type="checkbox"/> all day	<input type="checkbox"/> 4-6 hours	<input type="checkbox"/> 2-4 hours 0-2 hours unacceptable
Soil Conditions:	<input checked="" type="checkbox"/> dry	<input type="checkbox"/> wet	<input type="checkbox"/> extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

Not informed of any.

GENERAL COMMENTS:

*No activity on tanks and
loading facility.
Need to put line markers up and
well and gas vent markers
Old rd road on W side of site to
bypass MH#7 by curving to the E of
it.*

VISITORS:**FIELD TECHNICIAN'S SIGNATURE:**

J. Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 096

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 11/30/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

Treasure Coast continued final grading of the liner trench area; 2 men here today and two pieces of equipment operating. East West road was cut to final grade.

Continued with the watering of seed and sod.

Completed bricking in of MH #9.

No pumping of water.

Retainage Pond Elevations:

7:00am: 80.01

Wes Well Elevations:

AM - 78.91

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
TON COMPACTOR	NEFF	1	BOMAG	SITE	Picked up
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
BOOM TRUCK	EOJ	1	FORD 8 TON	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
TRUCK 94	EOJ	1	FORD F150	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
TIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

ned:

STEVE MOORE

Date: 12/1/99

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 096

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 11/30/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
CHAINSAW	EOJ	1	STIHL	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
3" MUD PUMP	EOJ	1	WACKER	LINER EWRUN	
BACKHOE 315	RINGRENT	1	CATERPILLAR	SITE	Picked up

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	1	1	FIELD	OFFICE-0
SUB	TREA	1		1		FIELD	TWO PIECES OF EQUIPMENT OPERATING
Totals:		2	1	2	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

ned:

STEVE MOORE

Date: 12/1/99

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low 62-70
Wind: ☐ none ☒ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

Not informed of any

GENERAL COMMENTS:

No activity on tanks and loading facility.
Completed grading and repair of main entrance
road.
County received 300 yds of cover material
excess from job.

VISITOR:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 097

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/1/99

REPORT PERIOD: Daily

DAY: Wednesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

Treasure Coast's work was inspected and they were released from site.

Main North-South existing landfill road, restored to original condition.

Final grading was reviewed and inspected by Janice Williamson and was accepted with the comment that grades should be per drawings. Existing road, West end, was adjusted per Landfill managers. Other areas were adjusted to suit existing conditions and accepted by the Landfill managers.

Continued with the watering of seed and sod.

No pumping of water.

Retainage Pond Elevations:
7:00am: 79.91

Wet Well Elevations:
AM: 79.16

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
TRUCK 94	EOJ	1	FORD F150	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/1/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 097

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/1/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
CHAINSAW	EOJ	1	STIHL	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
3" MUD PUMP	EOJ	1	WACKER	LINER EWRUN	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	1	1	FIELD	OFFICE-0
SUB	TREA	1		1		FIELD	Tim Ludlum left site at 2:00pm.
Totals:		2	1	2	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore

STEVE MOORE

Date: 12/2/99

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION

[illegible]

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☐ high ☐ low
Wind: ☐ none ☒ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

not informed of any

GENERAL COMMENTS:

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson



P O BOX 5805
LAKELAND FL 33807-5805

773-2980
PHONE: 941-644-7082
FAX: 941-646-0296

PAGE: 1 OF 5

DATE: 12/6/99

TO: Janice Williamson

FROM: Cephi

COMPANY: Hardee County

FAX #: 941-646-0296

FAX #: 941-773-3907

OPERATOR: cat

COMMENTS: Daily Reports - Thru 12/2/99
Thru 12/3/99

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Form 14-0001-BK

ECLIPSE/OMNI JOINT VENTURE

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

DAILY REPORT
No. 098

COMPANY: ECLIPSE/OMNI JOINT VENTURE

REPORT PERIOD: Daily

DATE: 12/2/99

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

Laid additional sod along North-South main landfill road, approximately 2000sq ft. Continued with water, seeding, fertilizing of existing sod.

Landfill personnel removed excess fill material for use by the county; approximately 500 cu yds.

Arrangements made to subcontract seeding and mulching to take place tomorrow

No pumping of water.

Retainage Pond Elevations:
7:00am: 79.82

18' TRENCH BOX	EOJ	1 MISC	OFFICE
BACKHOE 315	EOJ	1 MISC	SITE
PORTA JON	ANDERSON	1 CATERPILLAR	SITE
SEPTIC TANK	ANDERSON	1 MISC	SITE
		1 MISC	OFFICE

BURN UNIT EOJ
GENERATOR EOJ
1'X2' COMPACTOR EOJ
CHAINSAW EOJ
SURVEYORS LEVEL EOJ
LASER EOJ
SURVEYORS TRAN EOJ
4" MUD PUMP NEFF
3" MUD PUMP NEFF

OFFICE
1 MISC SITE
1 LINCOLN ELECTRIC SITE
1 WACKER SITE
1 STIHL SITE
2 MISC SITE
2 CLS ACCUBEAM SITE
2 MISC SITE
1 MISC
1 WACKER

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LINERTRENCH Off rent

LINERTRENCH Off rent

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed:

STEVE MOORE

Date: 12.6/99

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 098

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/2/99

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 OAL H2O TR	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
3" MUD PUMP	EOJ	1	WACKER	LINER BWRUN	
BACKHOE 315	RINGRENT	1	CATERPILLAR	SITE	Picked up
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
TRUCK 96	EOJ	1	FORD F150	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	

FIELD FORCE LABOR

Category	Source	Supv.	Prmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	1		FIELD	OFFICE-1
Totals:		1	1	1	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 12/6/99

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: clear ☐ partly cloudy ☒ overcast ☒
Temperature: high low 60 70
Wind: none ☒ light ☐ strong ☐
Rain: ☒ none ☐ light ☐ heavy ☐ showers ☐
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

not informed of any

GENERAL COMMENTS: No eclipse managers on site.
No activity except for entering.

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 099

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/3/99

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Continued with water, seeding and fertilizing of existing sod.

Seeding subcontractor on site to disk and fertilize designated areas. Will return Monday to seed and mulch.

No pumping of water.

Retainage Pond Elevations:

7:00am: No shots taken

Wet Well Elevations:

7:00am: No shots taken

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	
30g1 FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 3:5	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
CHAINSAW	EOJ	1	STIHL	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/6/99

Signed:


 STEVE MOORE

12-06-99 13:27 ECLIPSE OMNI JOINT VENTURE
ECLIPSE/OMNI JOINT VENTURE

HARDEE COUNTY S.W.
 ID=19417732521

PAGE 22
 F03/04

DAILY REPORT

No. 099

685 Airport Rd Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/3/99

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
3" MUD PUMP	EOJ	1	WACKER	LINER EWRUN	
BACKHOE 315	RINGRENT	1	CATERPILLAR	SITE	Picked up
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
TRUCK 94	EOJ	1	FORD F150	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Offrent

FIELD FORCE LABOR

Category	Source	Supv.	Emm.	Jray.	Appr.	Work Area	Remarks
SITE	EOJ			1		FIELD	OFFICE-1
Totals:		0	0	1	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 12/6/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear ☒ partly cloudy overcast
Temperature: ☒ High low
Wind: none ☒ light strong
Rain: ☒ none light heavy showers
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent good fair poor bad
Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours unacceptable
Soil Conditions: ☒ dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:*None reported***GENERAL COMMENTS:***No workers or activities on job site over the weekend.
No activity on tanks or loading facility***VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 100

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/6/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Continued with water and seeding of sod.

Seminole Seed Company came to seed and mulch the excavated liner trench areas.

No pumping of water.

Retainage Pond Elevations:
 AM-79.68

Wet Well Elevations:
 AM-78.81

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/6/99

Signed: Steve Moore
 STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 100

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/6/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
1300 GAL H2O TR.	EOJ	1	MISC	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Brann.	Jray.	Appr.	Work Area	Remarks
SITE	SSE	1		2			
SITE	EOJ			1		FIELD	OFFICE-1
Totals:		1	0	3	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/6/99

Signed: Steve Moore
STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear party cloudy ☒ overcast
Temperature: ☒ high low
Wind: none ☒ slight strong
Rain: ☒ none light heavy showers
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent good fair poor bad
Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours
unacceptable
Soil Conditions: ☒ dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:*None Reported***GENERAL COMMENTS:***No activity on tanks at
loading facility***VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT No. 101

885 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/7/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Continued with water of seed and soc.

Remainder of excavated land was prepared and seeded today.

Small indentations around the excavated trench area were filled and brought up to existing level.

No pumping of water.

Retainage Pond Elevations:
AM-79.62

Wet Well Elevations:
AM-78.96

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/8/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
 No. 101

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/7/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1500 GAL H2O TR	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frms.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ		1	1		FIELD	OFFICE-1
Totals:		0	1	1	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 12/8/99

Wednesday 12-8-99

P B S J		POST, BUCKLEY, SCHUH & JERNIGAN, INC.		PAGE 1 of 2	
DAILY REPORT OF CONSTRUCTION					
NAME OF PROJECT				OWNER'S PROJECT NUMBER	
Hardee County Road 111 Improvement				PMS-1205	
FIELD ACTIVITIES				TIME	
watering				Begin	End
Site meeting - discussion of problems generated by construction					
PERSONNEL		NO.	HOURS WORKED	MATERIALS RECEIVED	
superintendent				See Eclipse Report	
foreman					
skilled					
semi skilled					
common					
trainee					
A = Active I = Inactive					
A	I	A	I	A	I
		air compressor		frontend loader	
		air hammer		narrow - disk	
		asphalt paver		generator	
		asphalt dist.		grader	
		backhoe		mechanical tamp	
		bulldozer		milling machine	
		concrete mixer		motor grader	
		concrete saw		mulcher	
		concrete screed		pile driver/hammer	
		concrete vibrator		power broom	
		concrete pump		pump	
		crane		roller, steel wheel	
		cure machine		roller, traffic	
		dragline		roller, vibratory	
		earth mover		rotary tiller/mixer	
				spreader	
				tractor, farm	
				transport	
				truck, bucket	
				truck, concrete	
				truck, dump	
				truck, flatbed	
				truck, grease	
				truck, lane striping	
				truck, pick-up	
				truck, water	
				wellpoint system	
				trench box	
				drill rig	
CONTRACT QUANTITY INCREASES TODAY					
Item No.	Item	Quantity	Remarks/Calcs		
Contractor	PBS&J Job No.	Date	Day of Week	Contract Day No.	

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<div style="display: flex; justify-content: space-between; align-items: center;"> P B S J POST, BUCKLEY, SCHUH & JERNIGAN, INC. PAGE 2 of 2 </div>	
DAILY REPORT OF CONSTRUCTION	
Weather Conditions:	<input type="checkbox"/> clear <input type="checkbox"/> partly cloudy <input checked="" type="checkbox"/> overcast
Temperature:	<input checked="" type="checkbox"/> high <input type="checkbox"/> low
Wind:	<input checked="" type="checkbox"/> none <input type="checkbox"/> slight <input type="checkbox"/> strong
Rain:	<input checked="" type="checkbox"/> none <input type="checkbox"/> light <input type="checkbox"/> heavy <input type="checkbox"/> showers
Rain Duration:	<input type="checkbox"/> 0-2 hours <input type="checkbox"/> 2-4 hours <input type="checkbox"/> 4-6 hours <input type="checkbox"/> All day
Working Conditions:	<input checked="" type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> fair <input type="checkbox"/> poor <input type="checkbox"/> bad
Duration of Acceptable Conditions:	<input checked="" type="checkbox"/> all day <input type="checkbox"/> 4-6 hours <input type="checkbox"/> 2-4 hours <input type="checkbox"/> 0-2 hours <input type="checkbox"/> unacceptable
Soil Conditions:	<input checked="" type="checkbox"/> dry <input type="checkbox"/> wet <input type="checkbox"/> extremely dry <input type="checkbox"/> extremely wet
Field Changes, Delays, Potential Claims, or Non-Conforming Work:	
<div style="font-size: 24pt; font-family: cursive;">None Reported</div>	
GENERAL COMMENTS:	
<div style="font-size: 18pt; font-family: cursive;">H.C. to provide Caliper with ditch elevations from 10/1/09, haul reports and drag storage estimates</div>	
VISITOR:	
FIELD TECHNICIAN'S SIGNATURE:	
<div style="font-size: 24pt; font-family: cursive;">J. Williams</div>	

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 102

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/8/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY**

Continued with water of seed and sod.

Seed small areas around the excavation site.

Secondary road was built up and compacted further at county's request.

Monthly site meeting took place from 10am to 1pm.

No pumping of water.

Retaluge Pond Elevations:
AM-79.60Wet Well Elevations:
AM-78.94**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g! FUEL TANK	EOJ	1	MISC	OFFICE	
30g! FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/8/99

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 102

645 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/8/99

REPORT PERIOD: Daily

DAY: Wednesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frma.	Jray.	Appr.	Work Area	Remarks
SITE	EOJ		1	1		FIELD	OFFICE-1
Totals:		0	1	1	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 12/8/99

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: clear ☒ partly cloudy ☐ overcast ☐
Temperature: ☒ high ☐ low ☐
Wind: ☒ none ☐ slight ☐ strong ☐
Rain: ☒ none ☐ light ☐ heavy ☐ showers ☐
Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day ☐
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad ☐
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours ☐ unacceptable ☐
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet ☐

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

None Reported

GENERAL COMMENTS: No activity on tank at
loading facility

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson

12-14-99 17:25 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 103**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**BEST AVAILABLE COPY****COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/9/99**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY**

Rented a canoe from Peace River Canoe Company and shot several elevations of the pond.

No pumping of water.

Retainage Pond Elevations:

AM-79.62

Wet Well Elevations:

AM-78.80

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
40' TRAILER	EOJ	1	MISC	OFFICE	
6" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
30gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPELLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 12/14/99

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 103

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/9/99

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVR	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Trng.	Jeny.	Appr.	Work Area	Remarks
SITE	EOJ	1				FIELD	OFFICE-1
Totals:		0	1	0	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 12/14/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☐ clear ☒ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low
Wind: ☒ none ☐ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:*None Reported***GENERAL COMMENTS:***No activity on tanks or loading facility**No activity on weekend!***VISITOR:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

12-14-99 17:27 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

P04/09

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 104

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/10/99**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY:**

Office closed.

No pumping of water.

Retainage Pond Elevations:

AM-No elevations taken.

Wet Well Elevations:

AM-No elevations taken.

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GA1 H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/13/99

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 104

685 Airport Rd. Unit #7
 Wausatch, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/10/99

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Unit	Type	Work Area	Remarks
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supt.	Frans.	Jray.	Appr.	Work Area	Remarks
SITE	EOJ					FIELD	OFFICE-1
Totals:		0	0	0	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: STEVE MOORE

Date: 12/13/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear partly cloudy ☒ overcast
Temperature: ☒ High low
Wind: ☒ none slight strong
Rain: ☒ none light heavy showers
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent good fair poor bad
Duration of Acceptable Conditions: all day 4-6 hours 2-4 hours 0-2 hours
unacceptable
Soil Conditions: ☒ dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:*None Reported***GENERAL COMMENTS:****VISITOR:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 105

685 Airport Rd. Unit #7
Wauchoa, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/13/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Made repairs to the primary and secondary roadways.

Restaked the tank pad area for excavation tomorrow.

Jack with Mangrum Construction came on site to view the work area.

Retainage Pond Elevations:

AM-79.52

Wet Well Elevations:

AM-78.87.

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
PICKER	EOJ	1	GROVE	SITE	
TRUCK 98	EOJ	1	FORD F150	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/13/99

Signed: Steve Moore /lc
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 105

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941.773-2980
 Fax: 941.773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/13/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ		1	1		FIELD	OFFICE-1
Totals:		0	1	1	0		

VISITORS

Date	Company	Visitor Name	Remarks

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/13/99

Signed: Steve Moore
 STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear partly cloudy ☒ overcast
Temperature: high low
Wind: none light strong
Rain: none ☒ light heavy showers
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent good fair poor bad
Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours
unacceptable
Soil Conditions: dry to damp wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

None Reported

GENERAL COMMENTS:

light misty rain for approx. 1 hr
in the a.m.

VISITORS:**FIELD TECHNICIAN'S SIGNATURE:**

J. Williamson

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 106

683 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/14/99**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY**

Tank pad area, excavated, marked and staked.

Chastain Skillman contacted to come out tomorrow morning to survey elevations for the tank road.

Continued with watering of seed and sod.

Retainage Pond Elevations:
AM-79.47Wet Well Elevations:
AM-78.82**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/14/99

Signed: Steve Moore, Inc.
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 106

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/14/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Sapv.	Femal.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ			1	1	1	FIELD
				1	1	1	OFFICE-1
Totals:		0	1	1	1	1	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 12/14/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☐ clear ☐ partly cloudy ☒ overcast
Temperature: ☒ High ☐ low
Wind: ☒ none ☐ light ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

None Reported

GENERAL COMMENTS:**VISITOR:****FIELD TECHNICIAN'S SIGNATURE:**

J. Williams

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 107

585 Airport Rd. Unit #7
Wausatch, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/15/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY**

Repaired damaged to East/West road

Chastain Skillman surveyed elevations for the tank, truck loading pad, access road.

Continued with watering of seed and sod.

Removed unnecessary silk fence.

Janice Williamson of Hardee County came to discuss retention pond water issue.

Retainage Pond Elevations:
AM-79.46Wet Well Elevations:
AM-78.86**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR.	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/15/99

Signed: Steve Moore
STEVE MOORE

12-16-99 09:44 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 107

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/15/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Overcast**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
10gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1		1	FIELD	OFFICE-1
Totals:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/15/99

Signed: Steve Moore
STEVE MOORE

P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: ☐ clear ☐ partly cloudy ☒ overcast

Temperature: ☒ high ☐ low

Wind: ☐ none ☐ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

None Reported

GENERAL COMMENTS:

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 108

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/16/99

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Continued with watering of seed and sod.

Grubbed and stripped 10ft around all areas to be furnished for concrete pads.

Brought truck loading pump pad up to specified elevation.

Retainage Pond Elevations:
AM-79.47

Wet Well Elevations:
AM-78.79

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/20/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 108

685 Airport Rd Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/16/99

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1		1	FIELD	OFFICE-1
Total:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/20/99

Signed: STEVE MOORE

PBSJ

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: clear partly cloudy ☒ overcast
Temperature: ☒ high low
Wind: none slight strong
Rain: none ☒ light heavy showers
Rain Duration: ☒ 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: excellent ☒ good fair poor bad
Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours
unacceptable
Soil Conditions: dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

None Reported

GENERAL COMMENTS:

No activity

Light rain all day on Saturday
No activity on weekend.

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 109

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/17/99

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: Misty

SKY: Overcast

WIND: 0-10

ACTIVITY

No site work today.

Received .25in. of precipitation last night.

Retainage Pond Elevations:
AM-79.46

Wet Well Elevations:
AM-78.88

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g. FUEL TANK	EOJ	1	MISC	OFFICE	
30g. FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/17/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 109

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/17/99**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** Misty**SKY:** Overcast**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prim.	Jr.	Appr.	Work Area	Remarks
SITE	EOJ	1	1		1	FIELD	OFFICE-1
Totals:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: 
STEVE MOORE

Date: 12/17/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low
Wind: ☒ none ☐ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ All day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☒ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***Janice Williamson*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 110

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/20/99**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Seeded area around Prop. MH #7 and watered.

Filled erosion damage caused by rain and compacted under tank pads.

Received 3in. of precipitation during past weekend. With large majority of precipitation occurring during Friday evening and all day Saturday.

Retainage Pond Elevations:

AM-79.98

Wet Well Elevations:

AM-79.47

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CIS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/20/99

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 110

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/20/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frms.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1		1	FIELD	OFFICE-1
Totals:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/20/99

Signed: _____

STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear ☒ partly cloudy overcast
Temperature: ☒ High low
Wind: ☒ none light strong
Rain: ☒ none light heavy showers
Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day
Working Conditions: ☒ excellent good fair poor bad
Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours
unacceptable
Soil Conditions: ☒ dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 111**685 Airport Rd Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/21/99**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY**

Began installation of 2" water line and stub out of WW #10 to existing 3" force main.

Shaped main EW road.

Janice Williamson of Hardee County came by and delivered Dewatering Ditch Volumes, Invoices for before and after hours operations of the landfill crawlers and Electrical Bill, also daily summaries of Leachate water hauled to the City of Wauchula Waste Water Treatment Plant.

Retainage Pond Elevations:

AM-79.95

Wet Well Elevations:

AM-79.47

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 96	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/23/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
 No. 111

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE
REPORT PERIOD: Daily
PROJECT: Hardee County Landfill Expansion

DATE: 12/21/99
DAY: Tuesday
JOB: 4005

TEMPERATURE: 70 - 80 **PRECIPITATION:** None **SKY:** Pn Cloudy **WIND:** 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frms.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1			FIELD	OFFICE-1
Total:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE
 Signed: Steve Moore
 STEVE MOORE

Date: 12/23/99

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Wednesday 12-22-99

P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION[illegible]

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear ☒ partly cloudy ☐ overcast ☐

Temperature: ☒ high ☐ low

Wind: ☒ none ☐ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day ☐

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours ☐ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 112**685 Airport Rd, Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/22/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Pri Cloudy**WIND:** 0-10

REMARKS:
Continue with installation of 2" water line and stub out of WW #10 to existing 3" force main. And began with installation of Electrical grounding.

Jack Waters and Bob Mangum came on site to check out area to pour concrete pads.

HydroScience, Inc. came on site to repair the pizometer.

Retainage Pond Elevations:
AM-79.85Wet Well Elevations:
AM-79.45

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 930	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Offrent
LASER	EOJ	2	CLS ACCUBEAM	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/23/99

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT
No. 112**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/22/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frtn.	Jrsy.	Appr.	Work Area	Remarks
SITE	EOJ	1	1			FIELD	OFFICE-1
Totals:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 12/23/99

Thursday, 12-23-99

P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION

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PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.**

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: clear ☒ partly cloudy overcast

Temperature: high ☒ low

Wind: none ☒ light strong

Rain: ☒ none light heavy showers

Rain Duration: 0-2 hours 2-4 hours 4-6 hours All day

Working Conditions: ☒ excellent good fair poor bad

Duration of Acceptable Conditions: ☒ all day 4-6 hours 2-4 hours 0-2 hours
unacceptable

Soil Conditions: ☒ dry wet extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

GENERAL COMMENTS:

Holidays, handled operated
with skeleton crew.

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

J. Williams

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 113

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/23/99

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

Continue with installation of 2" water line and stub out of WW #10 to existing 3" force main.
 Continued with installation of Electrical grounding.
 Stub out 3/4" spigot.
 Mangrum Construction delivered a trailer.
 Received delivery from Souther Culvert of 18" RCP.

Retinage Pond Elevations:
 AM: 79.82

Wet Well Elevations:
 AM: 79.42

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH Off rent	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/27/99

Signed: Steve Moore
 STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 113

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

REPORT PERIOD: Daily

PROJECT: Hardee County Landfill Expansion

DATE: 12/23/99

DAY: Thursday

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Overcast

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frma.	Jray.	Appr.	Work Area	Remarks
SITE	EOJ	1	1		1	FIELD	OFFICE-1
Totals:		1	1	0	1		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: STEVE MOORE

Date: 12/27/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☐ high ☒ low
Wind: ☐ none ☒ light ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:**

Holiday - no activity
12/24/26/1999

VISITORS:**FIELD TECHNICIAN'S SIGNATURE:**

J. Williams

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 114**685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980

Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/24/99**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

No work on site.

Retainage Pond Elevations:

AM- No Elevations taken

Wet Well Elevations:

AM- No Elevations taken

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 12/27/99

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 114**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/24/99**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prmn.	Jray.	Appr.	Work Area	Remarks
SITE	EOJ					FIELD	OFFICE -

Totals:	0	0	0	0	0		
---------	---	---	---	---	---	--	--

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 12/27/99

Signed: _____

STEVE MOORE

FAX TRANSMITTAL



HARDEE COUNTY
SOLID WASTE DEPARTMENT
MATERIAL RECOVERY FACILITY
685 AIRPORT ROAD
WAUCHULA, FL 33873

DATE: 12/27/1999

TO: JEFF WILD DAVE

FROM: TERE SA CARVER

COPIES TO: 0

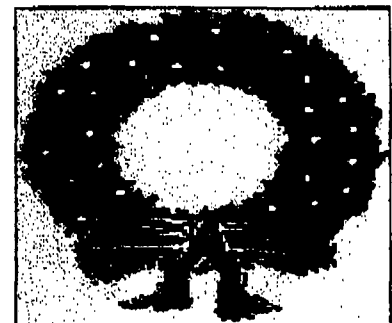
SUBJECT: PROJECT LOGS

FAX NUMBER: 407-847-0845

NUMBER OF PAGES: 72
(including this sheet)

COMMENTS:

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RECEIVING THIS TRANSMISSION OR IF PAGES ARE MISSING OR ILLEGIBLE, PLEASE CALL (841) 773-6089
AND SPEAK WITH JANICE.



Monday 12-27-99

[illegible]

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PAGE 2 OF 2

PBSJ POST, BUCKLEY, SCHUH & JERNIGAN, INC.

DAILY REPORT OF CONSTRUCTION

Weather Conditions:	<input checked="" type="checkbox"/> clear	<input type="checkbox"/> partly cloudy	<input type="checkbox"/> overcast
Temperature:	<input type="checkbox"/> High	<input checked="" type="checkbox"/> low	
Wind:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> slight	<input type="checkbox"/> strong
Rain:	<input checked="" type="checkbox"/> none	<input type="checkbox"/> light	<input type="checkbox"/> heavy showers
Rain Duration:	<input type="checkbox"/> 0-2 hours	<input type="checkbox"/> 2-4 hours	<input type="checkbox"/> 4-6 hours All day
Working Conditions:	<input checked="" type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair poor bad
Duration of Acceptable Conditions:	<input checked="" type="checkbox"/> all day unacceptable	<input type="checkbox"/> 4-6 hours	<input type="checkbox"/> 2-4 hours 0-2 hours
Soil Conditions:	<input checked="" type="checkbox"/> dry	<input type="checkbox"/> wet extremely dry extremely wet	

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

GENERAL COMMENTS:

VISITORS:

FIELD TECHNICIAN'S SIGNATURE:

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 115**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0757**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/27/99**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Planted and watered seed.

Compacted area excavated on Thursday.

Mangrum on site at 8am

Retainage Pond Elevations:

79.57

Wet Well Elevations:

79.8

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore

STEVE MOORE

Date: 12/27/99

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 115

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2960
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/27/99

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	From	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ					FIELD	OFFICE
Totals:		0	0	0	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 12/27/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions:	<input checked="" type="checkbox"/> clear	<input type="checkbox"/> partly cloudy	<input type="checkbox"/> overcast
Temperature:	<input checked="" type="checkbox"/> high	<input type="checkbox"/> low	
Wind:	<input type="checkbox"/> none	<input checked="" type="checkbox"/> light	<input type="checkbox"/> strong
Rain:	<input type="checkbox"/> none	<input checked="" type="checkbox"/> light	<input type="checkbox"/> heavy showers
Rain Duration:	<input checked="" type="checkbox"/> 0-2 hours	<input type="checkbox"/> 2-4 hours	<input type="checkbox"/> 4-6 hours All day
Working Conditions:	<input checked="" type="checkbox"/> excellent	<input type="checkbox"/> good	<input type="checkbox"/> fair poor bad
Duration of Acceptable Conditions:	<input checked="" type="checkbox"/> all day	<input type="checkbox"/> 4-6 hours	<input type="checkbox"/> 2-4 hours 0-2 hours
Soil Conditions:	<input checked="" type="checkbox"/> dry	<input type="checkbox"/> wet	<input type="checkbox"/> extremely dry extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:

Some light, misty rain early morning, it was clear and sunny by 11:00 a.m.

GENERAL COMMENTS:**VISITORS:****FIELD TECHNICIAN'S SIGNATURE:**

Janice Williamson

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

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No. 116

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/28/99

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY: Mangrum on site at 8am, proceeded with shapping of the footers and finished excavation.

Began excavation for 4" DI drain pipe

Recieved delivery of 4" DI pipe with fittings and accessories.

Retainage Pond Elevations:

79.44

Wet Well Elevations:

79.81

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	BOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	BOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 12/29/99

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 116

685 Airport Rd Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

REPORT PERIOD: Daily

DATE: 12/28/99

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
BACKHOE	MANG	1	CASE	TANK	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supt.	Frmm.	Inny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG		1			Tank Facili	
Totals:		1	2	2	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore

STEVE MOORE

Date: 12/29/99

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast

Temperature: ☐ high ☒ low

Wind: ☐ none ☒ light ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 117**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/29/99**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Excavated area around wet well #10 as well as 80' from wet well for pipe.

Manogram on site placing forms for concrete work.

Retainage Pond Elevations:

79.5

Wet Well Elevations:

79.83

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/3/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 117

685 Airport Rd. Unit #7
 Weuchala, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/29/99

REPORT PERIOD: Daily

DAY: Wednesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
17X2' COMPACTOR	EOJ	1	WACKER	SITE	
BACKHOE	MANG	1	CASE	TANK	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Trns.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	4		Tank Facili	
Totals:		2	2	6	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 1/3/00

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☐ clear ☐ partly cloudy ☐ overcast
Temperature: ☐ high ☐ low
Wind: ☐ none ☐ light ☐ strong
Rain: ☐ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☐ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☐ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☐ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 118**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/30/99**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 50 - 60**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Placed 80' of 12" drain pipe from wall pipe towards manholes. Set 2 90's, and (1) one Y.

Mangrum Construction on site working on pump pads.

Retainage Pond Elevations: 79.73

We: Well Elevations: 79.33

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBRAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/3/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
 No. 118

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE
 REPORT PERIOD: Daily
 PROJECT: Hardee County Landfill Expansion

DATE: 12/30/99
 DAY: Thursday
 JOB: 4005

TEMPERATURE: 50 - 60 PRECIPITATION: None SKY: Clear WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
170' COMPACTOR	EOJ	1	WACKER	SITE	
BACKHOE	MANG	1	CASE	TANK	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frank	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	6		Tank Facili	
Totals:		2	2	8	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/3/00

Signed: Steve Moore
 STEVE MOORE

P B S J**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☐ clear ☐ partly cloudy ☐ overcast
Temperature: ☐ high ☐ low
Wind: ☐ none ☐ slight ☐ strong
Rain: ☐ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☐ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☐ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☐ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:**J. Williamson

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 119685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 12/31/99**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Set 40' of 18" RCP across future road. Two inch Water main placed in entirety from pump pads and backfilled.

Retainage Pond Elevations: 79.74

Wet Well Elevations: 79.29

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINE/TRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
30gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
17X2' COMPACTOR	EOJ	1	WACKER	SITE	
BACKHOE	MANG	1	CASE	TANK	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/3/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
 No. 119

685 Airport Rd. Unit #7
 Wausula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 12/31/99

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent

RECEIVED
 JUL 28 2000

Department of Environmental Protection
 SOUTHWEST DISTRICT
 BY _____

FIELD FORCE LABOR

Category	Source	Supv.	Frma.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	0	0	0		Tank Facili	Off for New Year Holiday
Totals:		1	1	2	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
 STEVE MOORE

Date: 1/3/00

1-3-00 Mondays

PAGE 1 of 2

[illegible]

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 120

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/3/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Completed installation of 4" DI drain piping from truckloading station to WW #10.

Brought truckloading pad up to elevation for concrete.

Retainage Pond Elevations: 79.69

Wet Well Elevations: 79.29:

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
30gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
BACKHOE	MANG	1	CASE	TANK	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/3/00

Signed:

STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low
Wind: ☒ none ☐ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***Spence Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 120

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/3/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINE/TRENCH	Off rent

FIELD FORCE LABOR

Category	Source	Supv.	Frnk.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	5		Tank Facili	
Totals:		2	2	7	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 1/3/00

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast

Temperature: ☒ high ☐ low

Wind: none ☒ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***Janice Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 12185 Airport Rd. Unit #7
Ft. Lauderdale, FL 33373Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/4/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY**

Ran 3" stub out PVC from existing 3" force main to be attached later. Marked, back filled and compacted.
 Extended truckloading area build up 8' on both ends. Excavated liner for installation of 18" RCP installed 1 - 8' section and back filled.
 Prepped area for final installation tomorrow.

Bob Mangram and Jack Walter's confirmed concrete pour of tank pads for Friday.

Will be placing embedments tomorrow.

Williams Testing came out on site and did a video inspection.

Retainage Pond Elevations: 79.67

Wet Well Elevations: 79.21

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINER TRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gal FUEL TANK	EOJ	1	MISC	OFFICE	
30gal FUEL TANK	EOJ	1	MISC	OFFICE	
18" TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/4/00

Signed: Steve Moore / KC
 STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 121685 Airport Rd. Unit #7
Vauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/4/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent

FIELD FORCE LABOR

Category	Source	Supv.	Frman.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	6		Tank Facili	
Totals:		2	2	8	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore/60
STEVE MOOREDate: 1/4/00

1-5-00 Wednesday

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.**

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION

NAME OF PROJECT	OWNER'S PROJECT NUMBER
HC Landfill Improvements	P00-125

FIELD ACTIVITIES	Begin	End
* Project Meeting - see notes for specifics		
Contractor assisted County in trouble shooting problem with pump station at MRF.		
Continued working on tank foundation and truck loading platform.		
Flt Sgt Clark's camera became lodged in the back of line and they have been unable to retrieve it.		

PERSONNEL	NO.	HOURS WORKED	MATERIALS RECEIVED
superintendent			
foreman			
skilled			
semi skilled			
common			
trainee			

A = Active I = Inactive

A	I	A	I	A	I
		air compressor		frontend loader	
		air hammer		narrow - disk	
		asphalt paver		generator	
		asphalt dist.		grapple	
		backhoe		mechanical tamp	
		bulldozer		milling machine	
		concrete mixer		motor grader	
		concrete saw		mulcher	
		concrete screed		pile driver/hammer	
		concrete vibrator		power broom	
		concrete pump		pump	
		crane		roller, steel wheel	
		curb machine		roller, traffic	
		dragline		roller, vibratory	
		earth mover		rotary tiller/mixer	
					spreader
					tractor, farm
					transport
					truck, bucket
					truck, concrete
					truck, dump
					truck, flatbed
					truck, grease
					truck, lane striping
					truck, pick-up
					truck, water
					wellpoint system
					trench box
					drill rig

CONTRACT QUANTITY INCREASES TODAY

Item No.	Item	Quantity	Remarks/Calcs

Contractor	PBSJ Job No.	Date	Day of Week	Contract Day No.
DEJV		1-5-00	Wednesday	

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low
Wind: ☐ none ☒ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***James Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 122685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**REPORT PERIOD:** Daily**PROJECT:** Hardee County Landfill Expansion**DATE:** 1/5/00**DAY:** Wednesday**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Epoxy coated 3" penetration into wetwell. Placed remainder of RCP (two sticks) across road. Located three inch PVC force main and uncovered; Split pipe and pumped water through pipe in southerly direction. Discovered pipe not to be split or clogged and that pump was faulty. Dressed site.

Retainage Pond Elevations: 79.61
Wet Well Elevations: 79.23**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18" TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 1/6/00

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 122

685 Airport Rd Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/5/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	6		Tank Facili	
Totals:		2	2	8	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 1/6/00

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear ☒ partly cloudy ☐ overcast

Temperature: ☒ high ☐ low

Wind: none ☒ light ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:**

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 123

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/6/00

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Pri Cloudy

WIND: 0-10

ACTIVITY

Excavated retention pond.

Assembled tank embedment and formed concrete pads of tank foundation.

Florida Jet Clean came on site to discuss a camera which is stuck in leachate line #2.

Desoto Sod, Inc. brought out 6,400 sq ft (16) pallet's of sod for retention pond embankment.

Retainage Pond Elevations: 79.65

Wet Well Elevations: 79.20

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	
30g1 FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/7/00

Signed: Steve Moore

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT No. 123

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/6/00

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Prt Cloudy

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	9		Tank Facili	
Totals:		2	2	11	0		

Certified by: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore / EC
STEVE MOORE

Date: 1/7/00

1-7-00 Friday

P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION

[illegible]

Eclipse assisted county with installing new sump pump. Keith monitored carbon monoxide and explosive gases in sump and located the county O₂ detector for air ventilation.

PERSONNEL	NO.	HOURS WORKED	MATERIALS RECEIVED

See
Cell 10
Report

A	I	A	I	A	I
		air compressor		frontend loader	
		air hammer		narrow -- disk	
		asphalt paver		generator	
		asphalt dist.		grapple	
		backhoe		mechanical tamp	
		bulldozer		milling machine	
		concrete mixer		motor grader	
		concrete saw		mulcher	
		concrete screed		pile driver/hammer	
		concrete vibrator		power broom	
		concrete pump		pump	
		crane		roller, steel wheel	
		curb machine		roller, traffic	
		dragline		roller, vibratory	
		earth mover		rotary tiller/mixer	
					spreader
					tractor, farm
					transport
					truck, bucket
					truck, concrete
					truck, dump
					truck, flatbed
					truck, grease
					truck, lane striping
					truck, pick-up
					truck, water
					wellpoint system
					trench box
					drill rig

CONTRACT QUANTITY INCREASES TODAY					
Item No.	Item	Quantity		Remarks/Cals	
Contractor		PBSAJ Job No.	Date	Day of Week	Contract Day No.
DEJV			1-7-00	Friday	

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☐ clear ☒ partly cloudy ☐ overcast

Temperature: ☒ high ☐ low

Wind: ☐ none ☒ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☒ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***James Williams*

01-14-88 18:47 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 124

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/7/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY**Continued with excavation of retention pond.
Started sod around retention pond.Retainage Pond Elevations: 79.65
Wet Well Elevations: 79.20**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	
30g1 FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/14/00

Signed:

STEVE MOORE

01-14-00 10:48 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

P03/05

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 124

685 Airport Rd. Unit #7
Wachula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/7/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

FIELD FORCE LABOR

Category	Source	Sepv.	Trmm.	Jrty.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2		FIELD	OFFICE - 1
Sub	MANG	1	1	9		Tank Facili	
Totals:		2	2	11	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 1/14/00**Signed:** STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: clear ☒ partly cloudy ☐ overcast ☐

Temperature: ☒ high ☐ low

Wind: none ☐ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day ☐

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 125**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/10/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Part Cloudy**WIND:** 0-10**ACTIVITY**

Continued with sodding and shapping of retainage pond.

Mangrum poured one tank pad today as well as concrete pillar for truck discharge piping. Ardaman and Associates was on site to perform testing throughout the day. Jerry of Hardee Co. was onsite until 6:15pm.

Pumping began at 4:30pm and ran through the night.

Retainage Pond Elevations: 79.57

Wet Well Elevations: 79.17

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/12/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 125

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE
REPORT PERIOD: Daily
PROJECT: Hardee County Landfill Expansion

DATE: 1/10/00
DAY: Monday
JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Prt Cloudy

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	1	MISC	LINERTRENCH	Off rent
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	Off rent

FIELD FORCE LABOR

Category	Source	Supv.	Frmm.	Jmy.	Appr.	Work Area	Remarks
SITE	EOJ			1	2	FIELD	OFFICE - 0
Sub	MANG		1	1	9	Tank Facili	
Totals:		1	2	11	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 1/12/00

BEST AVAILABLE COPY

P B S J**POST, BUCKLEY, SCHUH & JERNIGAN, INC.**

PAGE 2 of 2

DAILY REPORT OF CONSTRUCTION

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast
Temperature: ☒ high ☐ low
Wind: none ☒ slight ☐ strong
Rain: ☒ none ☐ light ☐ heavy ☐ showers
Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day
Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad
Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable
Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 126

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/11/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL. H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Prm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	2	1	5		FIELD	OFFICE - 1
SUB	MANG	1	1	9		Tank Facili	
SUB	FLO	1		1		Line 2	
Totals:		4	2	15	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 1/12/00

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 126

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/11/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Prt Cloudy

WIND: 0-10

ACTIVITY

Excavated leachate collection piping. Located Florida Jet Clean's camera and retrieved. Jet cleaned main East/West pipe run and repaired piping. Excavation was backfilled and compacted. The remaining pipe runs were also videoed while the water level was low.

Mangrum continued with forming of truck loading pad.

Pumping was ended at 6:00pm

Left site at approx 6:30pm

Retainage Pond Elevations: 79.79

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/12/00

Signed: Steve Moore
STEVE MOORE

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcastTemperature: ☒ high ☐ lowWind: ☐ none ☒ light ☐ strongRain: ☒ none ☐ light ☐ heavy ☐ showersRain Duration: ☐ 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All dayWorking Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ badDuration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
unacceptableSoil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet**Field Changes, Delays, Potential Claims, or Non-Conforming Work:****GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williams*

61-14-66 10:50 ECLIPSE OMNI JOINT VENTURE

ID=19417732521

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 127

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/12/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINE/TRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINE/TRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmm.	Jrny.	Appt.	Work Area	Remarks
SITE	EOJ	2	1	5			
SUB	MANG	1	1	9		Tank Facili	
Totals:		3	2	14	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/13/00

Signed: _____

STEVE MOORE

01/22/1994 21:27 9417733907
01-14-00 10:49 ECLIPSE OMNI JOINT VENTUREHARDEE COUNTY S.W.
ID=19417732521**ECLIPSE/OMNI JOINT VENTURE****DAILY REPORT**
No. 127685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/12/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Part Cloudy**WIND:** 0-10**ACTIVITY:**

Ran 3" conduit under road to wet well, marked and backfilled. Excavated for rip rap overflow to be set tomorrow. Excavated and repaired LI joint break. Formed drainage structure to encase RCP.

PBS&J representative on site to inspect line and gave verbal OK.

Mangum formed apron to be poured around wet well and continued with forming of truck loading pad.

Retainage Pond Elevations: 79.75**Wet Well Elevations:** Pumped Down**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
30gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
COMPACTOR	MANG	1	MISC	TANK	
GENERATOR	MANG	1	MISC	TANK	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed:

STEVE MOORE

Date: 1/13/00

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast

Temperature: ☒ high ☐ low

Wind: none ☒ slight ☐ strong

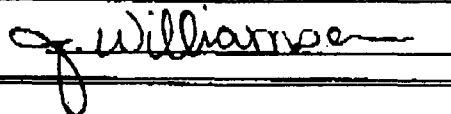
Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rain Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
☐ unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:**

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT
No. 128**685 Airport Rd. Unit #7
Wauchula, FL 33871Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/13/00**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Poured concrete implacements around RCP drainage system. Began shaping of northern drainage swail. Placed sod around drainage swail. Mangrum poured concrete apron around wet well. Finished fabrication of tank pad imbedment, which were then placed by Mangrum.

Retainage Pond Elevations: 79.70

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gI FUEL TANK	EOJ	1	MISC	OFFICE	
30gI FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/14/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT
No. 128

685 Airport Rd. Unit #7
 Wausatchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/13/00

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Trmm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	2	1	5			Office -1
SUB	MANG	1	1	8		Tank Facili	
Totals:		3	2	13	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/14/00

Signed: STEVE MOORE

1-14-00 Friday

P B S J

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

PAGE 1 of 2

DAILY REPORT OF CONSTRUCTION

NAME OF PROJECT						OWNER'S PROJECT NUMBER							
H.C. Bondfill Improvements						P00-125							
FIELD ACTIVITIES										TIME			
										Begin	End		
Inspected rebar in North tank as per request of Craig Ferguson. Substantially met his 2" requirement.													
Continued working on anchors in North tank and drains in truck loading pad.													
PERSONNEL		NO.	HOURS WORKED	MATERIALS RECEIVED									
superintendent													
foreman													
skilled													
semi skilled													
common													
trainee													
A = Active I = Inactive													
A	I			A	I			A	I				
		air compressor				frontend loader				spreader			
		air hammer				narrow - disk				tractor, farm			
		asphalt paver				generator				transport			
		asphalt dist.				grader				truck, bucket			
		backhoe				mechanical tamp				truck, concrete			
		bulldozer				milling machine				truck, dump			
		concrete mixer				motor grader				truck, flatbed			
		concrete saw				mulcher				truck, grease			
		concrete screed				pile driver/hammer				truck, lane striping			
		concrete vibrator				power broom				truck, pick-up			
		concrete pump				pump				truck, water			
		crane				roller, steel wheel				wellpoint system			
		curb machine				roller, traffic				trench box			
		dragline				roller, vibratory				drill rig			
		earth mover				rotary tiller/mixer							
CONTRACT QUANTITY INCREASES TODAY													
Item No.	Item						Quantity	Remarks/Cals					
Contractor		PBS&J Job No.		Date	Day of Week		Contract Day No.						

PBSJ**POST, BUCKLEY, SCHUH & JERNIGAN, INC.****PAGE 2 of 2****DAILY REPORT OF CONSTRUCTION**

Weather Conditions: ☒ clear ☐ partly cloudy ☐ overcast

Temperature: ☒ high ☐ low

Wind: none ☒ slight ☐ strong

Rain: ☒ none ☐ light ☐ heavy ☐ showers

Rein Duration: 0-2 hours ☐ 2-4 hours ☐ 4-6 hours ☐ All day

Working Conditions: ☒ excellent ☐ good ☐ fair ☐ poor ☐ bad

Duration of Acceptable Conditions: ☒ all day ☐ 4-6 hours ☐ 2-4 hours ☐ 0-2 hours
unacceptable

Soil Conditions: ☒ dry ☐ wet ☐ extremely dry ☐ extremely wet

Field Changes, Delays, Potential Claims, or Non-Conforming Work:**GENERAL COMMENTS:****VISITORS:****FIELD TECHNICIAN'S SIGNATURE:***J. Williamson*

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 129685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/14/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY**

Installed 3" forermain PVC. Installed rip rap at retention pond. Took forms off RCP concrete covers. Watered grass. Installed floor pipe to two (2) drains. Pressure tested 4" via drain.
Mangrum formed 2nd tank pad.

Retainage Pond Elevations: 79.68

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFT	1	WACKER	LINE/TRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/17/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 129

683 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/14/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINE/TRENCH	

FIELD FORCE LABOR

Category	Source	Supv.	Frms.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	2	1	4			Office - 1
SUB	MANG	1	1	6		Tank Facility	
Totals:		3	2	10	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: _____

STEVE MOORE

Date: 1/17/00

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 142**

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 2/1/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 40 - 50

PRECIPITATION: Rain

SKY: Overcast

WIND: 10-20

ACTIVITY

Texas Erectors were on site.

Began electrical work on Submersible Pump Control Panel

Brought 2nd DI line from submersible pump through WW 10 pad.

Made forms for outdoor lighting system

Continued with installation of conduit into control pannels.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
7' TRAILER	EOJ	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/2/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 142**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/1/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** Rain**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

ELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2			
SITE	TEX		1	3		Tank	
Totals:		1	2	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Signed:** Steve Moore
STEVE MOORE**Date:** 2/2/00

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 143**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/2/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** Rain**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Poured concrete pads for lighting fixtures.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/3/00

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 143**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/2/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** Rain**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2			
SITE	TEX		1	3		Tank	
Totals:		1	2	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/3/00**Signed:**

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 144

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/3/00**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Set and wired lighting fixtures to concrete pads.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 144**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/3/00**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2			
SITE	TEX		1	3		Tank	
Totals:		1	2	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: _____

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 145**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/4/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Continued running of DI piping.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 145

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 2/4/00

REPORT PERIOD: Daily

DAY: Friday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 40 - 50

PRECIPITATION: None

SKY: Overcast

WIND: 10-20

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frman.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2			
SITE	TEX		1	3		Tank	
Totals:		1	2	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: _____

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 146

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

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COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 2/5/00

REPORT PERIOD: Daily

DAY: Saturday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 10-20

ACTIVITY

Texas Erectors were on site.

Ran DI piping located at WW.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 146

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 2/5/00

REPORT PERIOD: Daily

DAY: Saturday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 10-20

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	2			
SITE	TEX		1	3		Tank	
Totals:		1	2	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: _____

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 147**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/7/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Pressure tested 4" DI line from WW to Tanks. Finished piping located at WW.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	
30g1 FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 147

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/7/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	

FIELD FORCE LABOR

Category	Source	Supv.	Frma	Jrny	Appr.	Work Area	Remarks
SITE	EOJ	1	1	3			
SITE	TEX		1	3		Tank	
Totals:		1	2	6	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/9/00**Signed:**

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 148

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/8/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY**

Texas Erectors completed erection of tanks. Ready to begin loading water tomorrow.

Continued running DI piping from tanks to truck loading pump. Ran 3" PVC from county well to Tank #1.

Retainage Pond Elevations: No Short

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500g1 FUEL TANK	EOJ	1	MISC	OFFICE	
30g1 FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed:

Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 148

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 2/8/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 10-20

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	1			
SITE	TEX		1	3		Tank	
Totals:		1	2	4	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/9/00

Signed: _____

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 150**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/15/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY**

Ran 6" DI pipe between leachate collection tanks.

Continued with installation of submersible pump control panels.

Preped for painting of piping and painted leachate truck loading pad.

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/15/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 150**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/15/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY**

Ran 6" DI pipe between leachate collection tanks.

Continued with installation of submersible pump control panels.

Preped for painting of piping and painted leachate truck loading pad.

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/15/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 150

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 2/15/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** None**SKY:** Clear**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	

FIELD FORCE LABOR

Category	Source	Supv.	Frmm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	3			
SITE	MANG	1		2		Tanks	
Totals:		2	1	5	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/15/00**Signed:**

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 130**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/17/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY:**

Began setting of submersible leachate pumps in Wet Well. Continued sodding of spill way drain. Grouted main hole #9. Continued to water sod. Mangum poured North tank pad.

Retainage Pond Elevations: 79.53

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/17/00

Signed:

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**BEST AVAILABLE COPY No. 130****COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/17/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	2	1	4			Office -1
SUB	MANG	1	1	6	4	Tank Facili	
Totals:		3	2	10	4		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 1/17/00**Signed:** STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 131

685 Airport Rd Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/18/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY

Continued with installation of submersible pump bases and guide rails in proposed Wet Well. Prepared proposed MH #7 for grouting. Mangrum Construction poured Truck Loading Pad, Ardaman & Associates on site. Light poles arrived on site in late afternoon. Continued with placing of sod and watering.

Retainage Pond Elevations: 79.60

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/19/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 131

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/18/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 70 - 80

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	2	1	4			Office -1
SUB	MANG	1	1	6	4	Tank Facili	
Totals:		3	2	10	4		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/19/00

Signed: _____

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 132

685 Airport Rd Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/19/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** Misty**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY**

Continued with placing of sod and watering. Marked all manholes with yellow flexible markers. Grouted manhole #7. Mangrum formed Leachate truck loading pad.

Retainage Pond Elevations: 79.64

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/19/00

Signed: 
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 132**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**BEST AVAILABLE COPY****COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/19/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 70 - 80**PRECIPITATION:** Misty**SKY:** Prt Cloudy**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frma.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	4			Office -1
SUB	MANG	1	1	6		Tank Facili	
Totals:		2	2	10	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 1/19/00**Signed:** STEVE MOORE

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/20/00

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Prt Cloudy

WIND: 0-10

ACTIVITY

Installed ground wire and grounding rods around Prop. WW #10. Ran conduit from WW to existing power supply at existing pump station. Backfilled and compacted all excavations.

Mangrum poured Truck loading pump pad and eyewash/shower pad. Mangrum reported a stolen Stihl saw from last night.

Retainage Pond Elevations: 79.59

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/21/00

Signed: Steve Moore
STEVE MOORE

685 Airport Rd. Unit #7
 Wauchula, FL 33873

Phone: 941/773-2980
 Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/20/00

REPORT PERIOD: Daily

DAY: Thursday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Prt Cloudy

WIND: 0-10

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	3			Office -1
SUB	MANG	1	1	6		Tank Facili	
Totals:		2	2	9	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/21/00

Signed: STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 134**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/21/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY**

Mangrum began demobilization. Began touching up of concrete work.

Retainage Pond Elevations: 79.59

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/21/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**
No. 134685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/21/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 60 - 70**PRECIPITATION:** None**SKY:** Clear**WIND:** 0-10**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500g FUEL TANK	EOJ	1	MISC	OFFICE	
30g FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1				Office -1
SUB	MANG	1	1	4	4	Tank Facili	
Totals:		2	2	4	4		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 1/21/00**Signed:**

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 135

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/22/00

REPORT PERIOD: Daily

DAY: Saturday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITYMargrum completed finish work on concrete pads. Completed concrete work.
Mike Ostermann coated inner tank floor.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
JOB TRAILER	MANG	1	MISC	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
GENERATOR	MANG	1	MISC	SITE	
COMPACTOR	MANG	1	MISC	SITE	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/25/00

Signed: Steve Moore

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 135

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/22/00

REPORT PERIOD: Daily

DAY: Saturday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 60 - 70

PRECIPITATION: None

SKY: Clear

WIND: 0-10

ACTIVITY**EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
WELDER	MANG	1	MISC	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	

FIELD FORCE LABOR

Category	Source	Supv.	Emm.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1				C
SUB	MANG	1	1	3		Tank Facili	
Totals:		2	2	3	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: 

STEVE MOORE

Date: 1/25/00

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 136**

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/24/00

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 50 - 60

PRECIPITATION: Rain

SKY: Overcast

WIND: 10-20

ACTIVITY

We received 1.1 inches of rain.

Texas Erectors were on site.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
MUD PUMP	NEFF	2	MISC	LINERTRENCH	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/2/00

Signed:

Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 136**

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/24/00

REPORT PERIOD: Daily

DAY: Monday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 50 - 60

PRECIPITATION: Rain

SKY: Overcast

WIND: 10-20

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
LASER	EQJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1				0
Sub	TEX			1	3	Tanks	
Totals:		1	2	3	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/2/00

Signed: Steve Moore Inc
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 137**

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/25/00

REPORT PERIOD: Daily

DAY: Tuesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 50 - 60

PRECIPITATION: None

SKY: Overcast

WIND: 10-20

ACTIVITY

Texas Erectors were on site. Empower on site to begin shapping and forming of the Asphalt Road.

Performed survey of Asphalt Road elevations and locations

Continued with placement of grounding wire and conduit.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/2/00

Signed: Steve Moore /cc
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 137**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/25/00**REPORT PERIOD:** Daily**DAY:** Tuesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 50 - 60**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
E	EOJ	1	1	5			Office - 1
SITE	TEX		1	3		Tank	
Site	EMPOWER		1	2			
Totals:		1	3	10	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/2/00**Signed:** Steve Moore /cc
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 138**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/26/00**REPORT PERIOD:** Daily**DAY:** Wednesday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 50 - 60**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Finished touch-up grouting of both Prop MHs. Installed all conduit running to and from Leachate truck loading pump control pannel. Installed grounding cable and rods around half of both Leachate storage tanks.

Recieved piping delivery form US Filter.

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
ACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
ASER	EOJ	2	CLS ACCUBEAM	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/2/00**Signed:** Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT

No. 138

685 Airport Rd. Unit #7
Wauchula, FL 33873

Phone: 941/773-2980
Fax: 941/773-0767

COMPANY: ECLIPSE/OMNI JOINT VENTURE

DATE: 1/26/00

REPORT PERIOD: Daily

DAY: Wednesday

PROJECT: Hardee County Landfill Expansion

JOB: 4005

TEMPERATURE: 50 - 60

PRECIPITATION: None

SKY: Overcast

WIND: 10-20

ACTIVITY

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	5			
SITE	TEX			1	3	Tank	
Totals:		1	2	8	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOORE

Date: 2/2/00

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 139**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/27/00**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Installed electrical conduit around Prop WW #10 to be tied into existing power source.

Completed touch-up work on WW #10.

Chastian Skillman on-site performing roadwork survey.

Jerry Petro, Scott Petro, and Pam Jordan on site.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
MUD PUMP	NEFF	1	WACKER	LINERTRENCH	

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/2/00**Signed:** Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 139**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/27/00**REPORT PERIOD:** Daily**DAY:** Thursday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	

ELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	6			Office - 1
SITE	TEX		1	3		Tank	
Totals:		1	2	9	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 2/2/00**Signed:** Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE

DAILY REPORT**No. 141**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/28/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site.

Continued with conduit and grounding cable placement.

Placed DI piping into WW #10 through concrete top.

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
20' TRAILER	EOJ	1	MISC	SITE	
50gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
ROOM TRUCK	EOJ	1	INT	SITE	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 2/2/00

Signed: Steve Moore
STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT****No. 141**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/28/00**REPORT PERIOD:** Daily**DAY:** Friday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** None**SKY:** Prt Cloudy**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	DODGE	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frmn.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	6			Office - 1
SITE	TEX		1	3		Tank	
Totals:		1	2	9	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE

Signed: Steve Moore
STEVE MOOREDate: 2/2/00

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767

BEST AVAILABLE COPY No. 140

COMPANY: ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/31/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** Rain**SKY:** Overcast**WIND:** 10-20**ACTIVITY**

Texas Erectors were on site, left at 12 noon due to poor weather conditions.

Completed installation of grounding around both tank pads.

Stubbed out 4" DI force main into wet well pad.

Jack Walters from Mangrum Construction on site at approx 1pm

Retainage Pond Elevations: No Shot

Wet Well Elevations: Pumped Down

EQUIPMENT

Description	Source	Units	Type	Work Area	Remarks
1 TON PICKUP	EOJ	1	DODGE	SITE	
LOADER 950	EOJ	1	CATERPILLAR	SITE	
BACKHOE	EOJ	1	CASE	SITE	
TRUCK 98	EOJ	1	FORD	SITE	
30' TRAILER	EOJ	1	MISC	SITE	
500gl FUEL TANK	EOJ	1	MISC	OFFICE	
30gl FUEL TANK	EOJ	1	MISC	OFFICE	
18' TRENCH BOX	EOJ	1	MISC	SITE	
BACKHOE 315	EOJ	1	CATERPILLAR	SITE	
PORTA JON	ANDERSON	1	MISC	SITE	
SEPTIC TANK	ANDERSON	1	MISC	OFFICE	
BURN UNIT	EOJ	1	MISC	SITE	
GENERATOR	EOJ	1	LINCOLN ELECTRIC	SITE	
1'X2' COMPACTOR	EOJ	1	WACKER	SITE	
SURVEYORS LEVEL	EOJ	2	MISC	SITE	
40' TRAILER	EOJ	1	MISC	OFFICE	
4" MUD PUMP	NEFF	2	MISC	LINERTRENCH	

Certified By: ECLIPSE/OMNI JOINT VENTURE

Date: 1/31/00

Signed: *Steve Moore*

STEVE MOORE

ECLIPSE/OMNI JOINT VENTURE**DAILY REPORT**

No. 140

685 Airport Rd. Unit #7
Wauchula, FL 33873Phone: 941/773-2980
Fax: 941/773-0767**COMPANY:** ECLIPSE/OMNI JOINT VENTURE**DATE:** 1/31/00**REPORT PERIOD:** Daily**DAY:** Monday**PROJECT:** Hardee County Landfill Expansion**JOB:** 4005**TEMPERATURE:** 40 - 50**PRECIPITATION:** Rain**SKY:** Overcast**WIND:** 10-20**ACTIVITY****EQUIPMENT**

Description	Source	Units	Type	Work Area	Remarks
LASER	EOJ	2	CLS ACCUBEAM	SITE	
SURVEYORS TRAN	EOJ	2	MISC	SITE	
3" MUD PUMP	NEFF	1	WACKER	LINERTRENCH	
BOOM TRUCK	EOJ	1	INT	SITE	
4 GAS MONITOR	EOJ	1	DYNAMATION	SITE	
CEMENT MIXER	EOJ	1	MISC	SITE	
1300 GAL H2O TR	EOJ	1	MISC	SITE	

FIELD FORCE LABOR

Category	Source	Supv.	Frman.	Jrny.	Appr.	Work Area	Remarks
SITE	EOJ	1	1	3			
SITE	TEX		1	3		Tank	
Totals:		1	2	6	0		

Certified By: ECLIPSE/OMNI JOINT VENTURE**Date:** 1/31/00**Signed:**

STEVE MOORE

RECEIVED

JUL 28 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

SECTION 2.2

GEOTECHNICAL REPORT

FIELD IN-PLACE DENSITY



Ardaman & Associates, Inc.

Geotechnical, Environmental, and
Materials Consultants

October 19, 1999
File Number 99-54-9485

FAX: (407) 647-8945

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 1

Dear Mr. Wild:

As requested, Ardaman and Associates, Inc. visited the subject site on October 12, 1999 to obtain samples of the drainage sand, filter aggregate and common fill soils for Sieve Analysis determination. The grain size distribution curves are presented as Exhibit Nos. 1 and 2. Exhibit 1 also shows the grain size distribution range for Structural Fill, to determine if either the Common Fill or Drainage Sand would apply. However, both materials are too fine to be classified as Structural Fill. Exhibit 2 shows that the proposed Filter Aggregate source sample falls outside (i.e. is too coarse) the project specification range.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

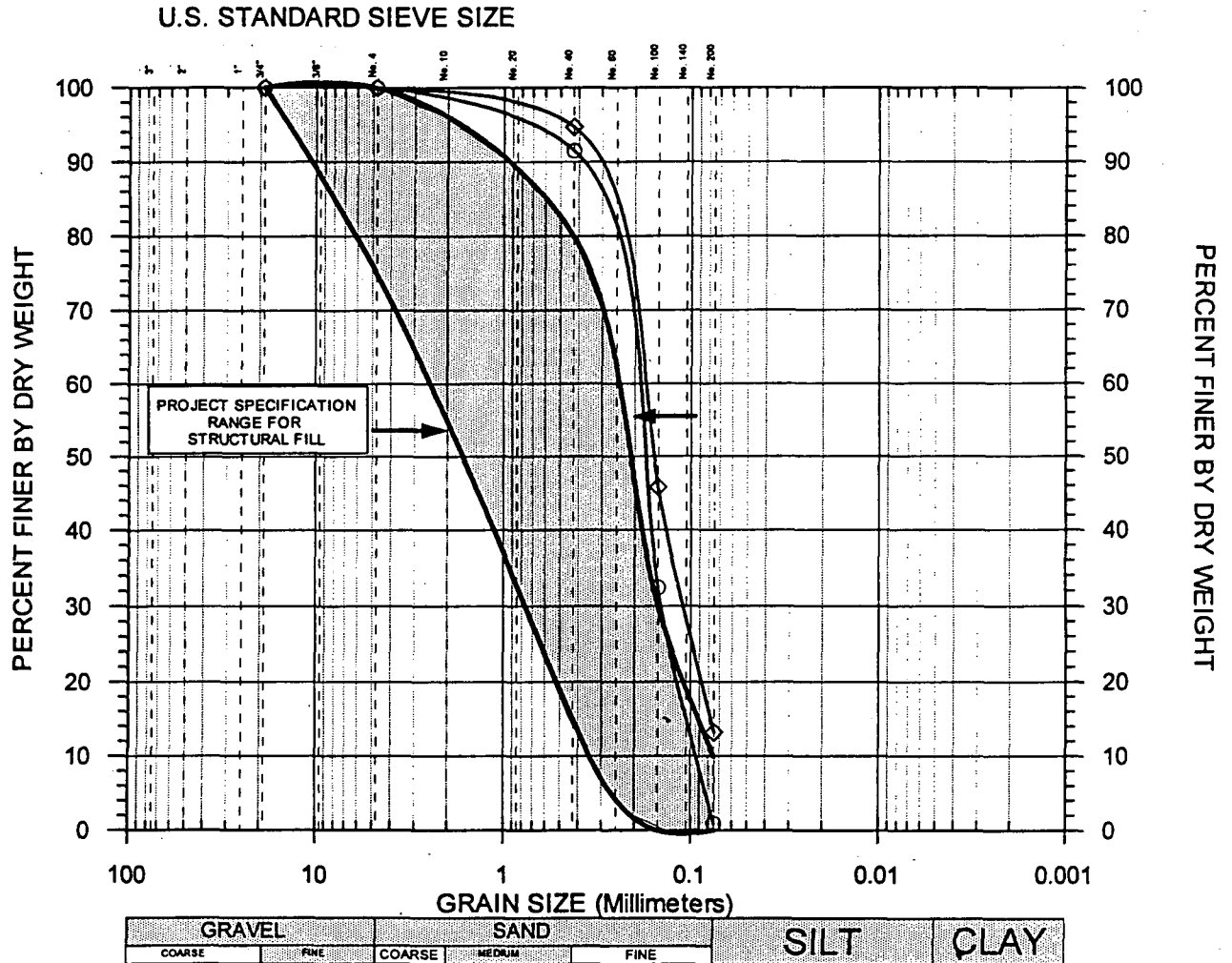
Sincerely,
ARDAMAN & ASSOCIATES, INC.

P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

Thomas J. Leto, P.E.
Vice President
Florida Registration No. 12458

PRM/TJL:kms
Enclosure
Client Copies: 3
C:\1999 PROJECT FILES\HARDEE COUNTY LANDFILL\vp1

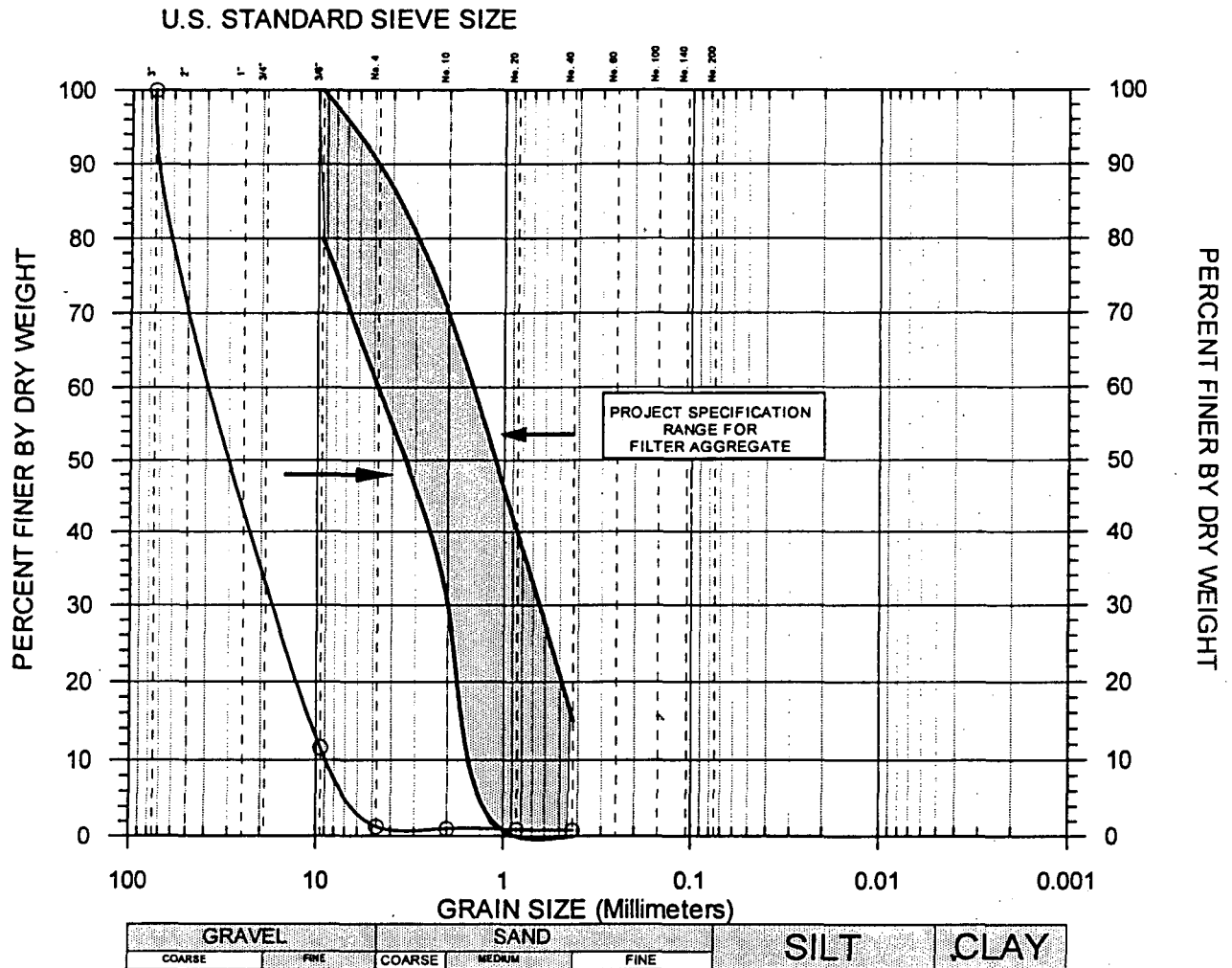
GRAIN SIZE DISTRIBUTION CURVES




SYMBOL	SAMPLE NO.	DEPTH (ft.)	SAMPLE DESCRIPTION	-200 (%)	UNIFIED CLASS.
◇	1	—	BROWN SAND WITH SILT TO SILTY SAND (COMMON FILL)	12.3	SP-SM
○	2	—	VERY PALE BROWN TO WHITE FINE SAND (DRAINAGE SAND)	0.9	SP

Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
POST, BUCKLEY, SCHUH & JERNIGAN, INC. HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA			
DRAWN BY:	KMS	CHECKED BY:	PRM DATE: 10/13/99
FILE NO:	99-9485	APPROVED BY:	EXHIBIT NO. 1

GRAIN SIZE DISTRIBUTION CURVES



SYMBOL	SAMPLE NO.	DEPTH (ft.)	SAMPLE DESCRIPTION	-200 (%)	UNIFIED CLASS.
○	3	—	GRAY COARSE GRAVEL (FILTER AGGREGATE)	—	—

 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
POST, BUCKLEY, SCHUH & JERNIGAN, INC. HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA			
DRAWN BY: KMS	CHECKED BY: PRM	DATE: 10/19/99	
FILE NO. 99-9485	APPROVED BY: <i>[Signature]</i>	EXHIBIT NO. 2	



Ardaman & Associates, Inc.

Geotechnical, Environmental, and
Materials Consultants

October 19, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 2

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on October 14 and 15, 1999 to conduct field in-place density tests (ASTM D 2937) on the common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the backfill soils as determined by a modified Proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the backfill soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications.


The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from the existing Manhole No. 6 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the backfill soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.


C. Alan Best
Technical Services Manager

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P. Rodney Mark, P.E. 10-19-99
Project Engineer
Florida Registration No. 41986

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL			FILE NO. 99-9485		DATE 10/19/99		
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN			REPORT 2		PAGE NO. 1 OF 1		

#	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	40' S & 2' W OF MANHOLE NO. 6	10/14	1	116.3	11.2	TOM	100
2	SAME LOCATION	10/14	1	114.0	10.2	TOM -1.0	98.0
3	90' S & 3' E OF CENTER OF MANHOLE HO. 6	10/15	1	112.8	11.2	TOM -3.0	97.0
4	SAME LOCATION	10/15	1	110.5	12.2	TOM -4.0	95.0
5	SAME LOCATION	10/15	1	110.7	10.2	TOM -5.0	95.2
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT

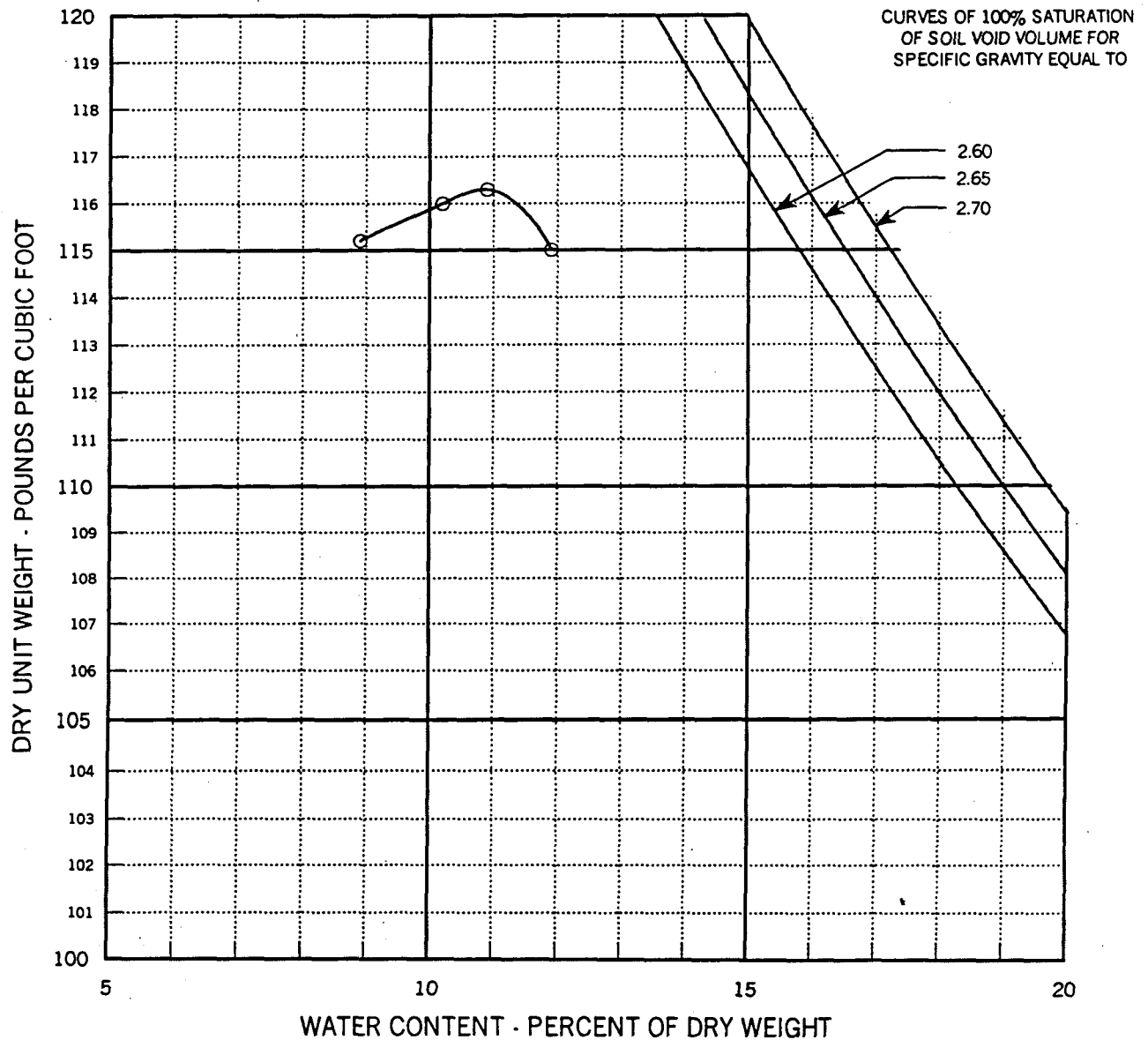
FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ☐ ASTM D 2167 ☐ ASTM D1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
	ASTM D 1557	116.3	PCF @ 11.0%	TOM = TOP OF MANHOLE

AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF THE CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.



MOISTURE - DENSITY RELATIONSHIP



MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA	
							DRAWN BY KMS	CHECKED BY PRM
							FILE NO. 99-9485	DATE 10/19/99
							APPROVED BY <i>[Signature]</i>	FIGURE NO. 1



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

Jeff's Copy

October 27, 1999

File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 3

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site from October 19 through 21, 1999 to conduct field in-place density tests (ASTM D 2937) on the common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the backfill soils as determined by a modified Proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the backfill soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications, unless noted otherwise.

The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole No. 7 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the backfill soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,

ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

10-27-99
P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

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FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL

FILE NO. 99-9485

DATE 10/27/99

CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN

REPORT 3

PAGE NO. 1 OF 1

	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	20' N & 1' W OF MANHOLE #7	10/19	1	116.3	11.4	TOM +1.0	100
2	SAME LOCATION	10/19	1	110.9	11.2	TOM -1.0	95.4
3	14' E & 1' S OF MANHOLE #7	10/19	1	112.4	9.7	TOM -2.0	96.6
4	SAME LOCATION	10/19	1	114.0	13.1	TOM -4.0	98.0
5	80' E & 1' N OF MANHOLE #7	10/19	1	113.8	12.1	TOM -4.0	97.9
6	SAME LOCATION	10/19	1	111.0	10.6	TOM -6.0	95.4
7	141' E & 2' S OF MANHOLE #7	10/19	1	110.5	9.5	TOM -5.0	95.0
8	SAME LOCATION	10/19	1	110.5	11.0	TOM -6.0	95.0
9	SAME LOCATION	10/19	1	112.2	13.5	TOM -7.0	96.5
10	150' E & 2' N OF MANHOLE #7	10/20	1	113.5	11.2	TOM -2.0	97.6
11	SAME LOCATION	10/20	1	113.9	10.2	TOM -3.0	98.0
12	SAME LOCATION	10/20	1	114.1	10.9	TOM -4.0	98.2
13	240' E & 2' S OF MANHOLE #7	10/21	1	107.1	13.4	TOM -3.0	92.1*
14	SAME LOCATION	10/21	1	110.6	13.4	TOM -4.0	95.1
15	SAME LOCATION	10/21	1	105.8	15.2	TOM -5.0	91.0*
16	SAME LOCATION	10/21	1	106.0	17.8	TOM -6.0	91.2*
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT

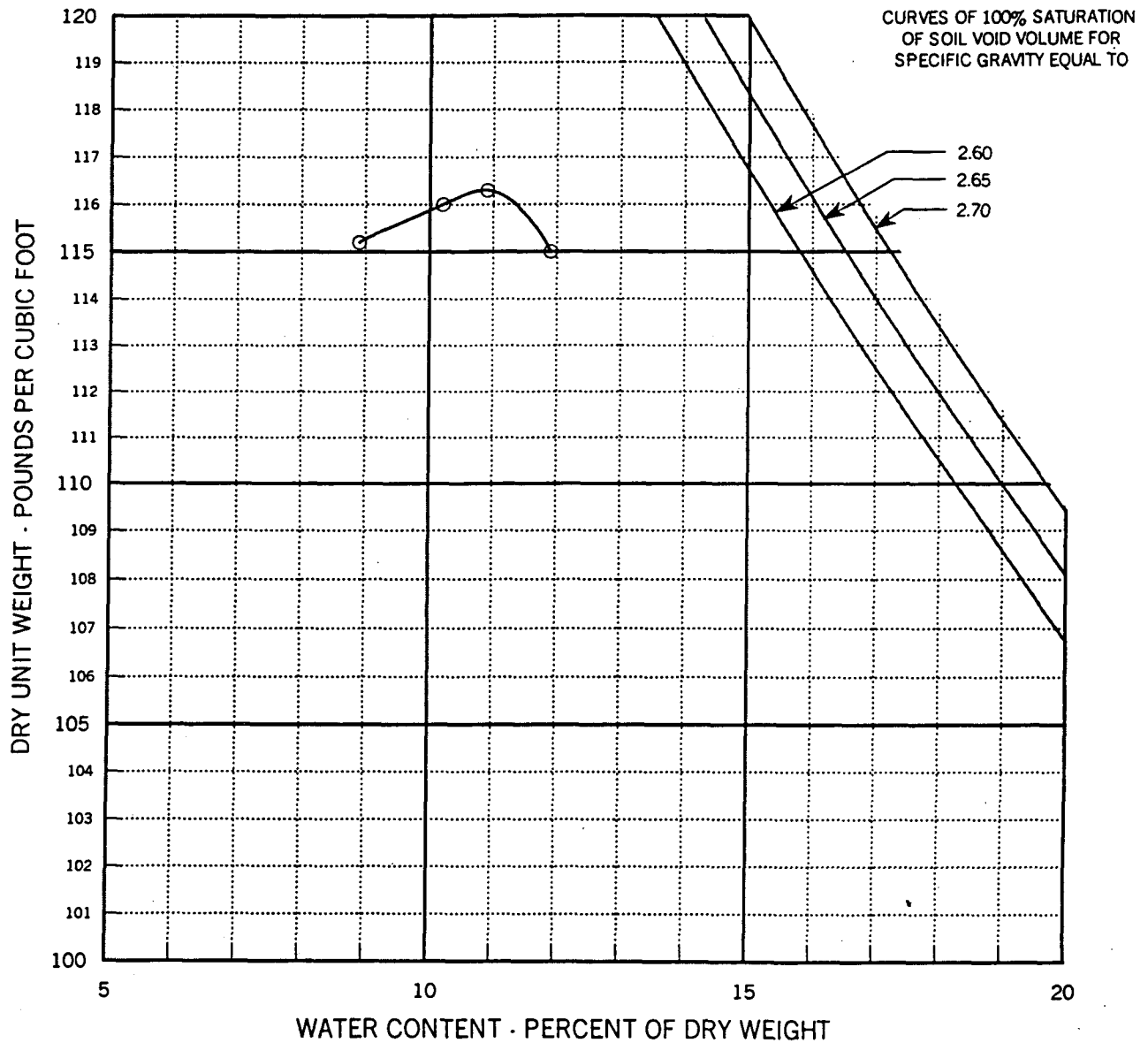
FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ☐ ASTM D 2167 ☐ ASTM D1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
	ASTM D 1557	116.3	PCF @ 11.0%	TOM = TOP OF MANHOLE

AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF THE CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.



MOISTURE - DENSITY RELATIONSHIP



LEGEND

○ MDR Curve #1

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA	
							DRAWN BY: KMS CHECKED BY: PRM DATE: 10/26/99	
							FILE NO: 99-9485 APPROVED BY: <i>[Signature]</i> FIGURE NO: 1	



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

Jeff's Copy

October 27, 1999
File Number 99-54-9485

FAX: (407) 647-8945

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Hardee County Landfill Expansion, Hardee County, Florida


REPORT NUMBER 4

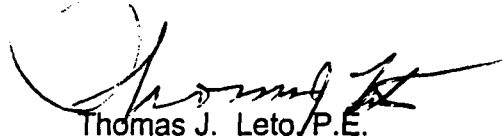
Dear Mr. Wild:

As requested, Ardaman and Associates, Inc. visited the subject site on October 19, 1999 to obtain a second sample of the filter aggregate for Sieve Analysis determination. The grain size distribution curve is presented as Exhibit No. 1. As shown that the sampled filter aggregate material falls outside (i.e. is too coarse) the project specification range.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

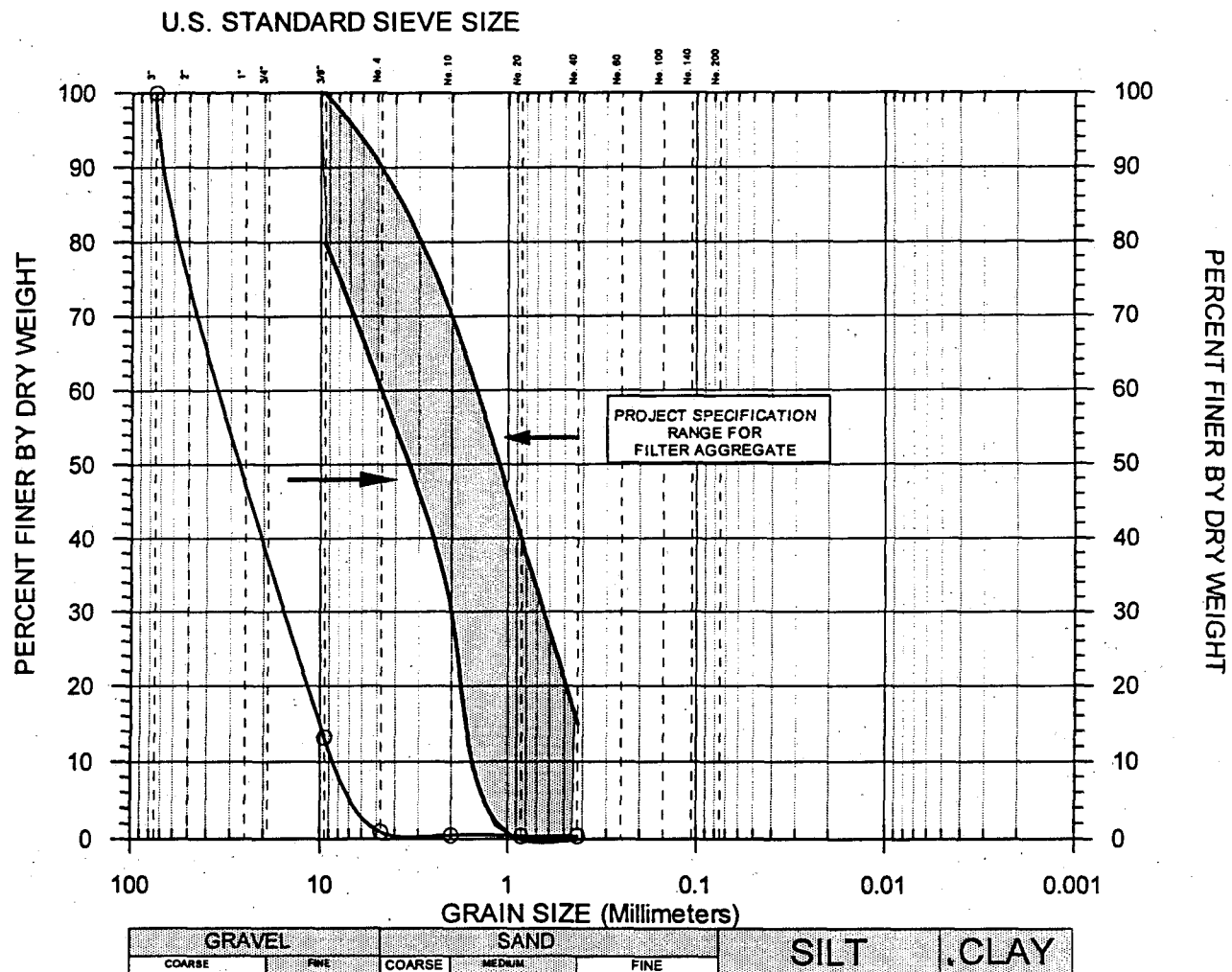
Sincerely,
ARDAMAN & ASSOCIATES, INC.


10-27-99
P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986


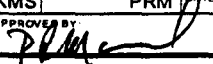

Thomas J. Leto, P.E.
Vice President
Florida Registration No. 12458

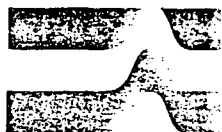
PRM/TJL:kms
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GRAIN SIZE DISTRIBUTION CURVES



SYMBOL	SAMPLE NO.	DEPTH (ft.)	SAMPLE DESCRIPTION	-200 (%)	UNIFIED CLASS.
○	4	—	GRAY COARSE GRAVEL (FILTER AGGREGATE)	—	—

 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
POST, BUCKLEY, SCHUH & JERNIGAN, INC. HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA			
DRAWN BY:	KMS	CHECKED BY:	PRM
FILE NO.	99-0485	APPROVED BY:	DATE 10/26/99
			EXHIBIT NO 1



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

October 29, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 5

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on October 22 and 23, 1999 to conduct field in-place density tests (ASTM D 2937) on the common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the backfill soils as determined by a modified Proctor test (ASTM D 1557) on representative samples. Graphic representation of the moisture-density relationships are presented as Figures 1 and 2.

Based on these test results, the backfill soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications.

The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole No. 7 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the backfill soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

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FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL				FILE NO. 99-9485		DATE 10/29/99	
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN				REPORT 5		PAGE NO. 1 OF 1	

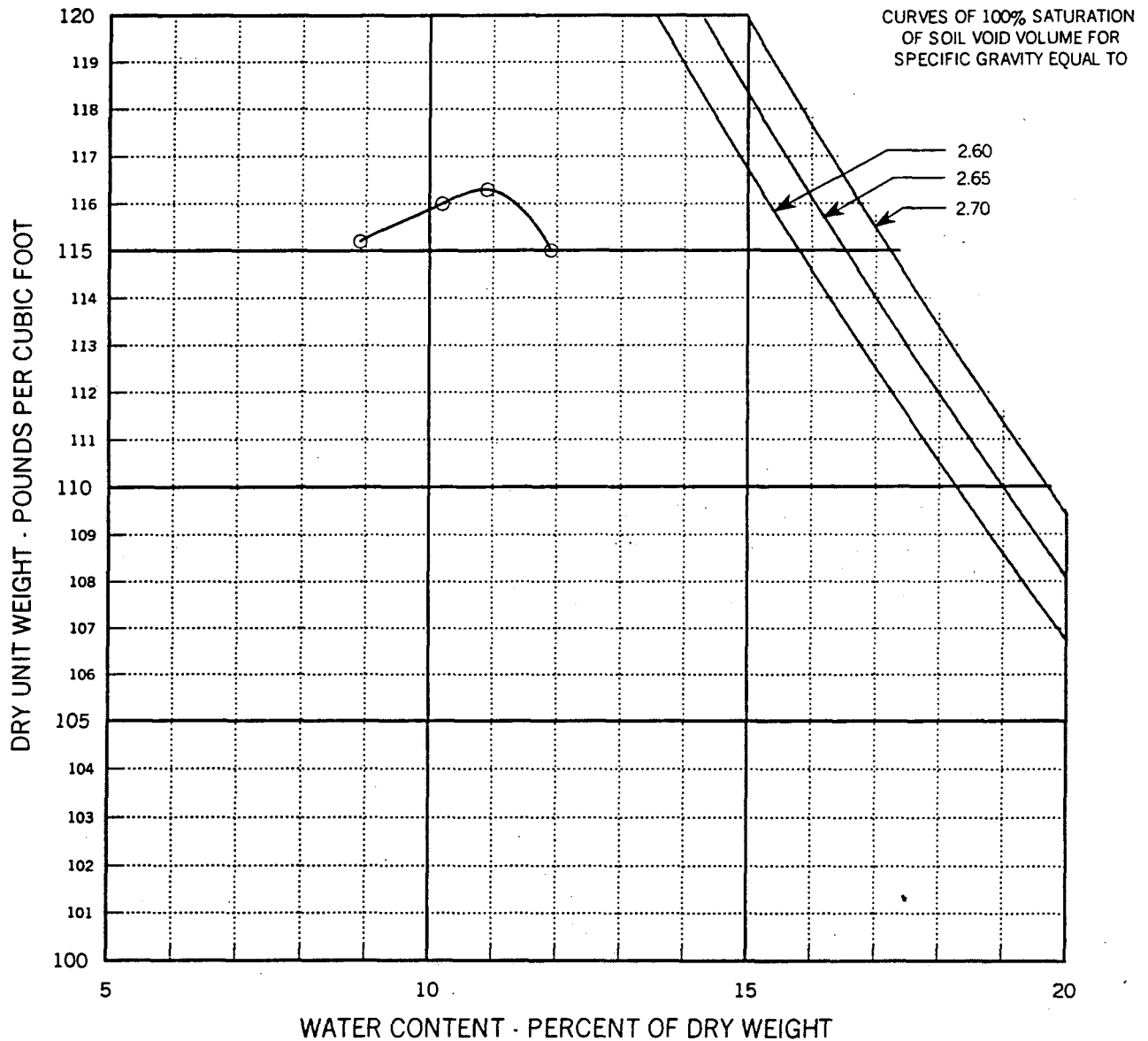
#	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	RETEST: 240' E & 2' S OF MANHOLE #7	10/22	1	114.8	10.9	TOM -3.0	98.7
2	SAME LOCATION	10/22	1	112.2	9.8	TOM -4.0	96.4
3	SAME LOCATION	10/22	1	110.5	9.8	TOM -5.0	95.0
4	SAME LOCATION	10/22	1	110.5	11.9	TOM -6.0	95.1
5	325' E & 2' N OF CENTER OF MANHOLE #7	10/23	2	116.2	12.7	TOM -5.5	95.3
6	SAME LOCATION	10/23	2	118.8	10.0	TOM -6.5	97.5
7	SAME LOCATION	10/23	1	113.7	11.1	TOM -7.5	97.8
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT

FIELD TEST METHOD: ASTM D2937 X ASTM D2922 ASTM D 2167 ASTM D1556

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	TOM = TOP OF MANHOLE
1	ASTM D 1557	116.3	PCF @ 11.0%	
2	ASTM D 1557	121.9	PCF @ 10.5%	

MOISTURE - DENSITY RELATIONSHIP

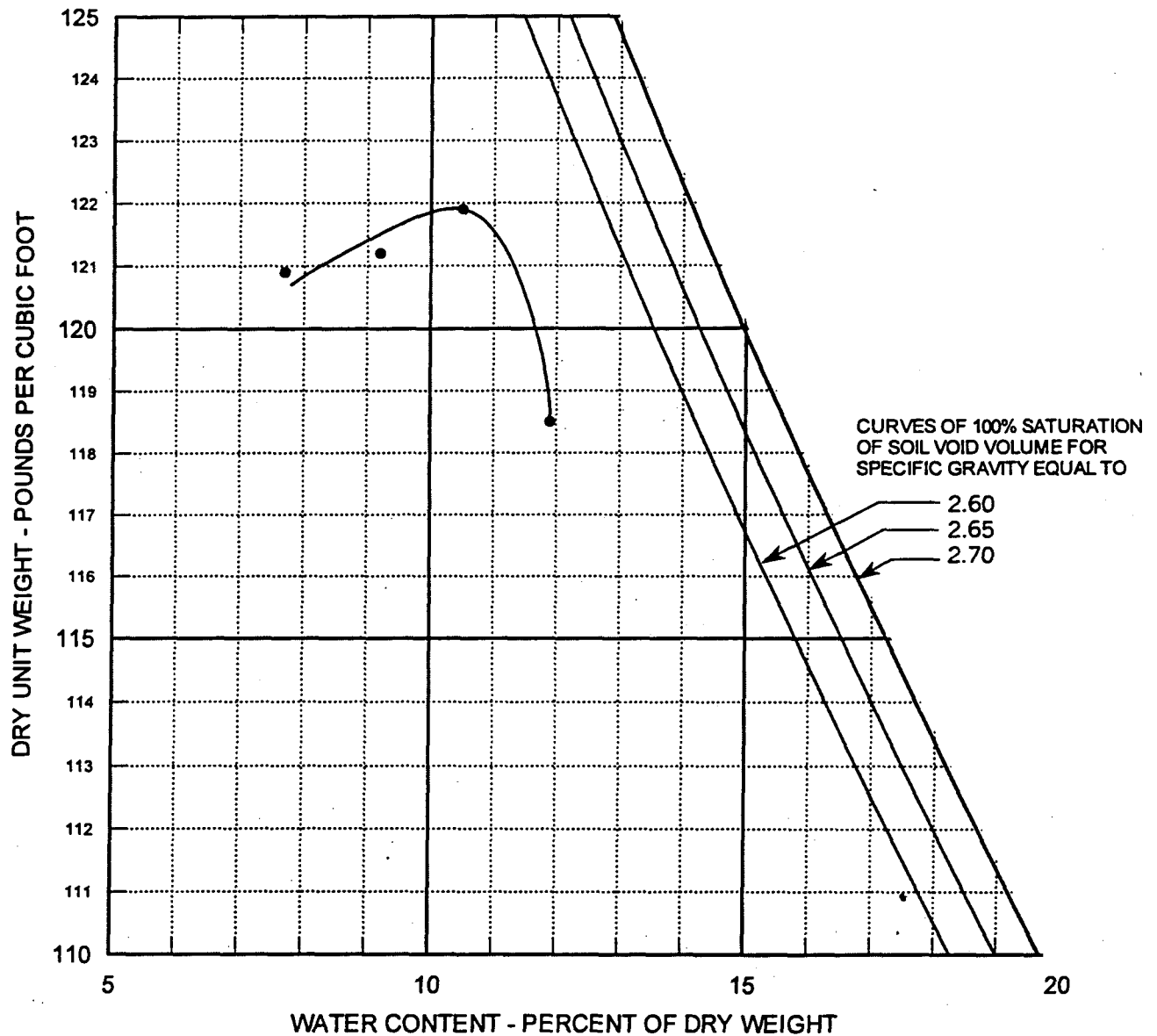


LEGEND

○ MDR Curve #1

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA	
							DRAWN BY KMS	CHECKED BY PRM
							FILE NO 99-9485	DATE 10/27/99
							APPROVED BY <i>[Signature]</i>	FIGURE NO 1

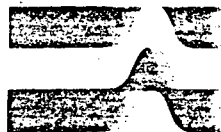
MOISTURE - DENSITY RELATIONSHIP



LEGEND

● MDR Curve #2

MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
2	10/23/99	ASTM D 1557	121.9	10.5	MIXED BROWN SILTY SAND WITH SOME CLAYEY SAND	POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
						DRAWN BY: KMS	CHECKED BY: PAM
						FILE NO. 99-9485	DATE: 10/28/99
						APPROVED BY: <i>[Signature]</i>	FIGURE NO. 2



Ardaman & Associates, Inc.

Geotechnical Engineering
Environmental Engineering

November 4, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 6

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on October 26, 1999 to conduct field in-place density tests (ASTM D 2937) on the drainage filter sand and common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the drainage filter sand and common fill (backfill) soils as determined by a standard proctor and modified Proctor test (ASTM D 698 and ASTM D 1557), respectively, on representative samples. Graphic representation of the moisture-density relationships are presented as Figures 1 and 2.

Based on these test results, the drainage filter sand and common fill (backfill) soils at the tested locations meets the specified degree of compaction of 90 percent standard Proctor for the drainage sand and 95 percent modified Proctor for the common fill as per project specifications, unless noted otherwise.

The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole No. 7 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the drainage filter sand and common fill (backfill) soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

P. Rodney Mark, P.E. 11-4-99
Project Engineer
Florida Registration No. 41986

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FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL			FILE NO. 99-9485			DATE 11/4/99		
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN			REPORT 6			PAGE NO. 1 OF 1		

	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
DRAINAGE FILTER SAND							
1	231' E OF MANHOLE #7 @ FILTER SAND TRENCH	10/26	3	90.6	5.6	TOP -1.0	88.0*
2	SAME LOCATION	10/26	3	89.3	6.6	TOP -2.0	86.8*
3	SAME LOCATION	10/26	3	90.7	6.4	TOP -3.0	88.1*
4	SAME LOCATION	10/26	3	88.8	5.9	TOP -4.0	86.3*
COMMON FILL							
5	325' E & 2' N OF MANHOLE #7	10/26	2	115.9	12.0	TOM -0.5	95.1
6	SAME LOCATION	10/26	2	108.3	11.8	TOM -1.5	88.8**
7	SAME LOCATION	10/26	2	118.5	9.3	TOM -2.5	97.2
8	SAME LOCATION	10/26	2	116.5	10.8	TOM -3.5	95.6
9	SAME LOCATION	10/26	2	116.1	11.2	TOM -4.5	95.3
10	200' E & 2' S OF MANHOLE #7	10/26	1	115.3	7.9	TOM +1.0	99.2
11	SAME LOCATION	10/26	1	112.9	10.1	TOM	97.0
12	SAME LOCATION	10/26	1	110.7	9.6	TOM -1.0	95.2
13	50' E & 2' N OF MANHOLE #7	10/26	1	113.8	8.5	TOM +1.0	97.9
14	SAME LOCATION	10/26	2	115.9	8.0	TOM	95.0
15	SAME LOCATION	10/26	2	115.8	8.2	TOM -1.0	95.0
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 90 PERCENT FOR DRAINAGE SAND

** IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT FOR COMMON FILL

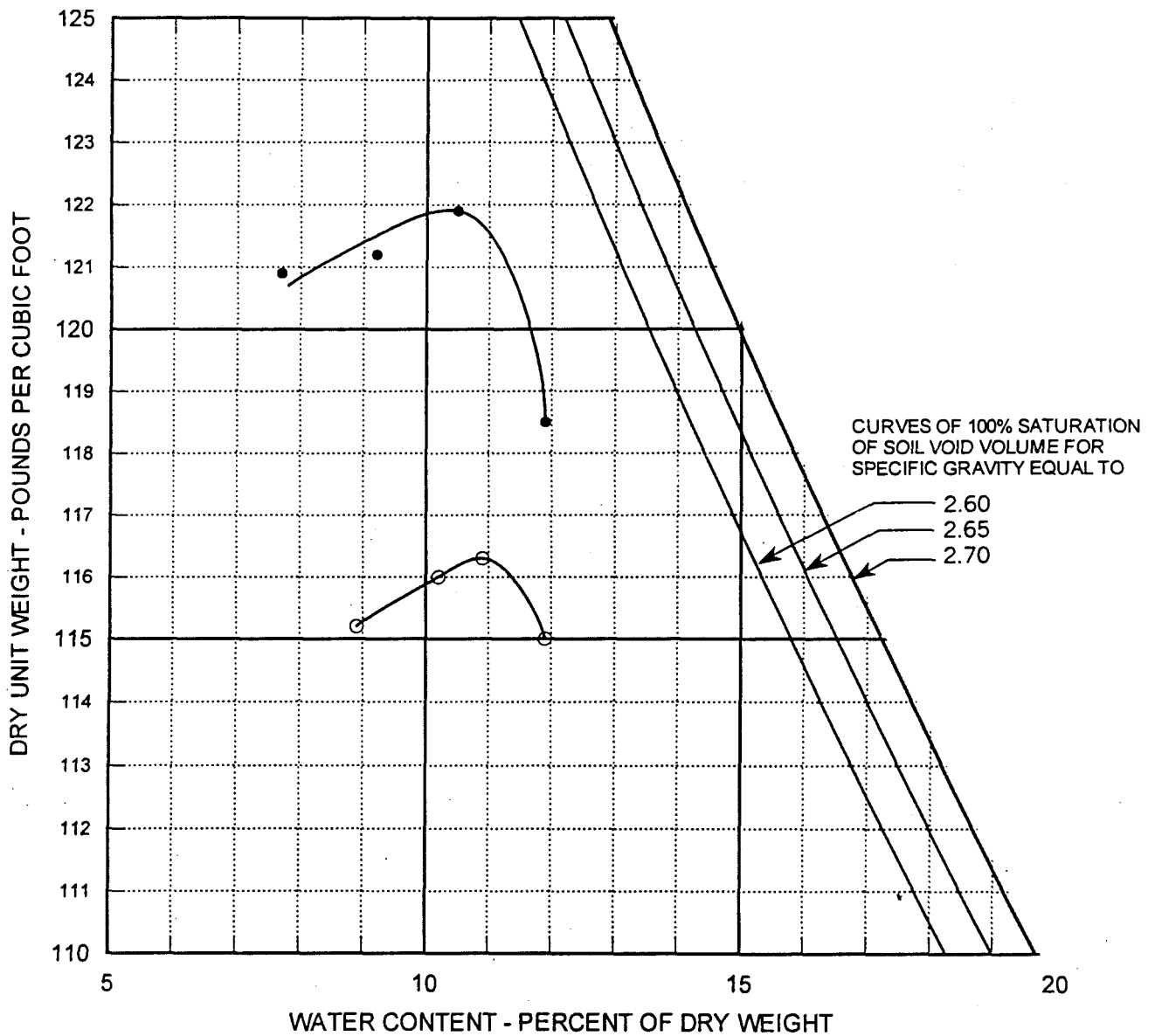
FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ASTM D 2167 ASTM D1556

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
1	ASTM D 1557	116.3	PCF @ 11.0%	TOP = TOP OF PIPE TOM = TOP OF MANHOLE
	ASTM D 1557	121.9	PCF @ 10.5%	
	ASTM D 698	102.9	PCF @ 15.4%	

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MOISTURE - DENSITY RELATIONSHIP

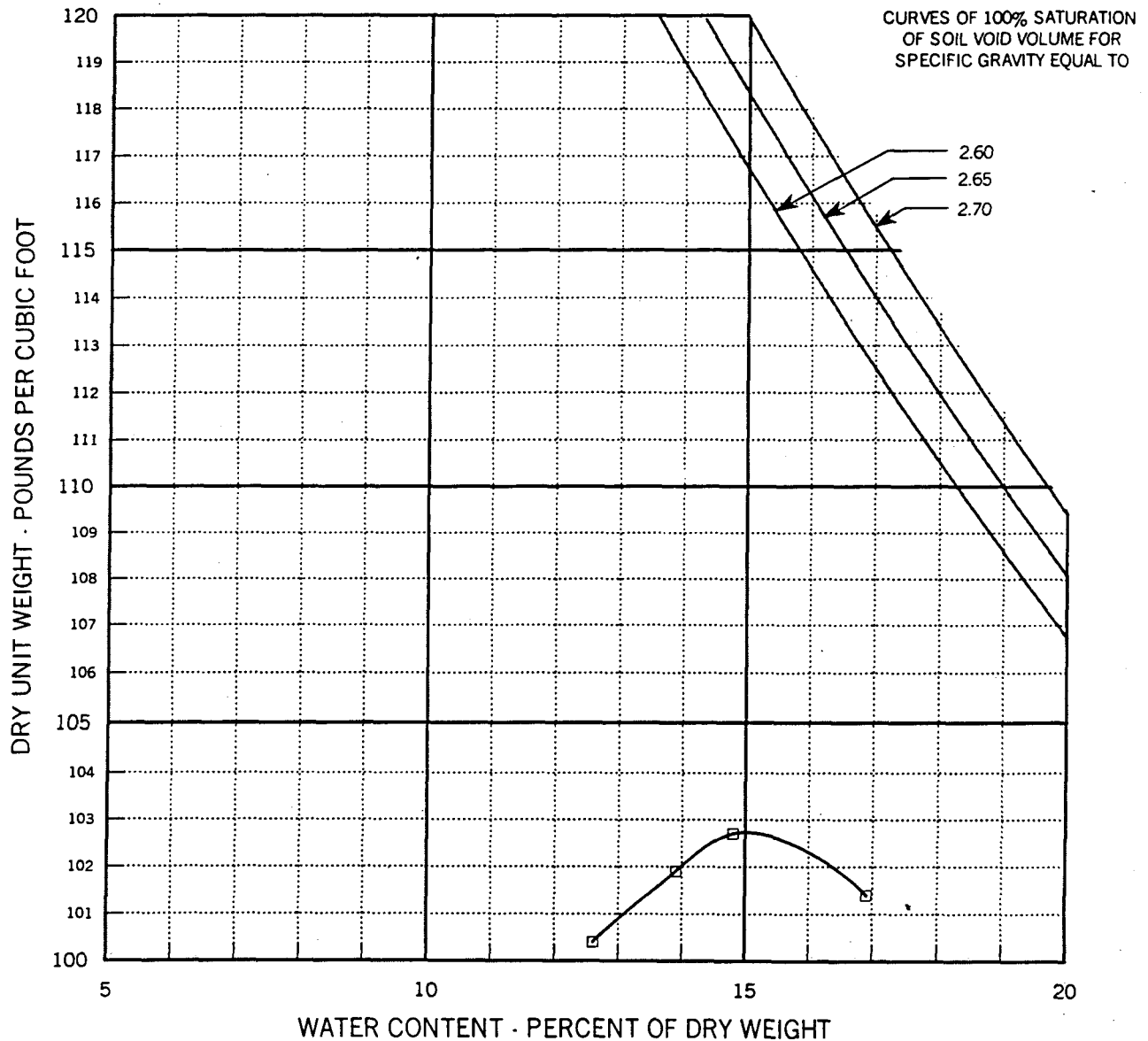


LEGEND

- MDR Curve #1
- MDR Curve #2



MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND (COMMON FILL)	POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA
2	10/23/99	ASTM D 1557	121.9	10.5	----	MIXED BROWN SILTY SAND WITH SOME CLAYEY SAND (COMMON FILL)	
							<div>DRAWN BY: KMS CHECKED BY: PRM DATE: 11/02/99</div> <div>FILE NO. 99-9485 APPROVED BY:  FIGURE NO. 1</div>

MOISTURE - DENSITY RELATIONSHIP



LEGEND

□ MDR Curve #3

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
3	10/15/99	ASTM D 1557	102.9	15.4	LIGHT BROWN TO WHITE SAND(FILTER SAND)	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
						DRAWN BY KMS	CHECKED BY: PRM
						FILE NO. 99-9485	APPROVED BY 
						DATE 11/01/99	FIGURE NO. 2

Jeff's Copy

November 12, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 7

Dear Mr. Wild:

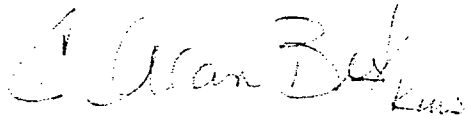
As requested by you, Ardaman and Associates, Inc. visited the subject site from October 29 through November 8, 1999 to conduct field in-place density tests (ASTM D 2937) on the drainage filter sand and common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the drainage filter sand and common fill (backfill) soils as determined by a standard proctor and modified Proctor test (ASTM D 698 and ASTM D 1557), respectively, on representative samples. Graphic representation of the moisture-density relationships are presented as Figures 1 and 2.

Based on these test results, the drainage filter sand and common fill (backfill) soils at the tested locations meets the specified degree of compaction of 90 percent standard Proctor for the drainage sand and 95 percent modified Proctor for the common fill as per project specifications, unless noted otherwise.

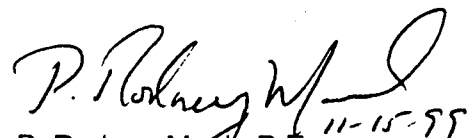
The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole Nos. 7 or 9 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the drainage filter sand and common fill (backfill) soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.



C. Alan Best
Technical Services Manager



P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

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cc: Mr. Dave Deans

1025 Centennial Drive, Suite 200, Post Office Box 810, Bartow, Florida 33513 Phone (407) 553-7877
Offices in: Bartow, Cocoa, Fort Lauderdale, Fort Myers, Miami, Orlando, Port Charlotte, Port St. John, St. Petersburg, Tampa

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL				FILE NO. 99-9485		DATE 11/12/99	
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN				REPORT 7		PAGE NO. 1 OF 1	

TEST	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
COMMON FILL							
1	325' E & 2' N OF MANHOLE #7	10/28	2	116.0	10.6	TOM +0.5	95.2
2	SAME LOCATION	10/28	1	110.8	9.2	TOM -0.5	95.3
3	RETEST: 325' E & 2' N OF MANHOLE #7	10/28	2	115.8	9.4	TOM -1.5	95.0
4	450' E & 2' N OF MANHOLE #7	10/28	2	115.8	12.0	TOM -2.0	95.0
5	SAME LOCATION	10/28	1	113.2	11.9	TOM -3.0	97.4
6	SAME LOCATION	10/28	2	116.1	10.8	TOM -4.0	95.2
7	SAME LOCATION	10/28	2	115.9	10.9	TOM -5.0	95.1
8	SAME LOCATION	10/28	2	116.0	11.3	TOM -6.0	95.1
9	550' E & 2' N OF MANHOLE #7	10/28	2	115.9	11.2	TOM -4.5	95.1
10	SAME LOCATION	10/28	2	115.8	9.8	TOM -5.5	95.0
11	SAME LOCATION	10/28	1	110.7	10.7	TOM -6.5	95.2
12	SAME LOCATION	10/28	1	110.5	12.5	TOM -7.5	95.0
DRAINAGE SAND							
13	470' E & 1' S OF MANHOLE #7	10/29	3	97.2	5.4	TOM	94.5*
14	SAME LOCATION	10/29	3	92.5	5.5	TOM -1.0	89.9*
15	SAME LOCATION	10/29	3	89.9	6.3	TOM -2.0	87.4*
16	SAME LOCATION	10/29	3	90.9	6.4	TOM -3.0	88.3*
17	SAME LOCATION	10/29	3	90.9	4.5	TOM -4.0	88.3*
COMMON FILL							
	550' E & 2' N OF CENTER OF MANHOLE #7	11/01	2	115.8	13.2	TOM +1.5	95.0
19	SAME LOCATION	11/01	2	116.0	13.3	TOM +0.5	95.2
20	SAME LOCATION	11/01	2	116.0	11.8	TOM -0.5	95.2
21	SAME LOCATION	11/01	2	116.3	10.1	TOM -1.5	95.4
22	SAME LOCATION	11/01	2	115.8	14.0	TOM -2.5	95.0
23	SAME LOCATION	11/01	2	115.8	11.8	TOM -3.5	95.0
24	50' W & 2' N OF MANHOLE #9	11/05	2	114.4	13.9	TOM -1.0	93.8*
25	SAME LOCATION	11/05	2	114.7	11.4	TOM -2.0	94.1*
26	SAME LOCATION	11/05	2	112.7	12.6	TOM -3.0	92.4*
27	SAME LOCATION	11/05	2	111.3	13.6	TOM -4.0	91.3*
28	SAME LOCATION	11/05	2	110.6	13.9	TOM -5.0	90.7*
29	RETEST OF TEST 25	11/08	2	117.2	12.0	TOM -1.0	96.2
30	RETEST OF TEST 26	11/08	2	116.4	12.4	TOM -2.0	95.5
31	RETEST OF TEST 27	11/08	2	116.4	10.6	TOM -3.0	95.4
32	RETEST OF TEST 28	11/08	2	116.0	12.3	TOM -4.0	95.2
33	RETEST OF TEST 29	11/08	2	116.3	12.8	TOM -5.0	95.4

* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 90 PERCENT FOR DRAINAGE SAND

** IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT FOR COMMON FILL

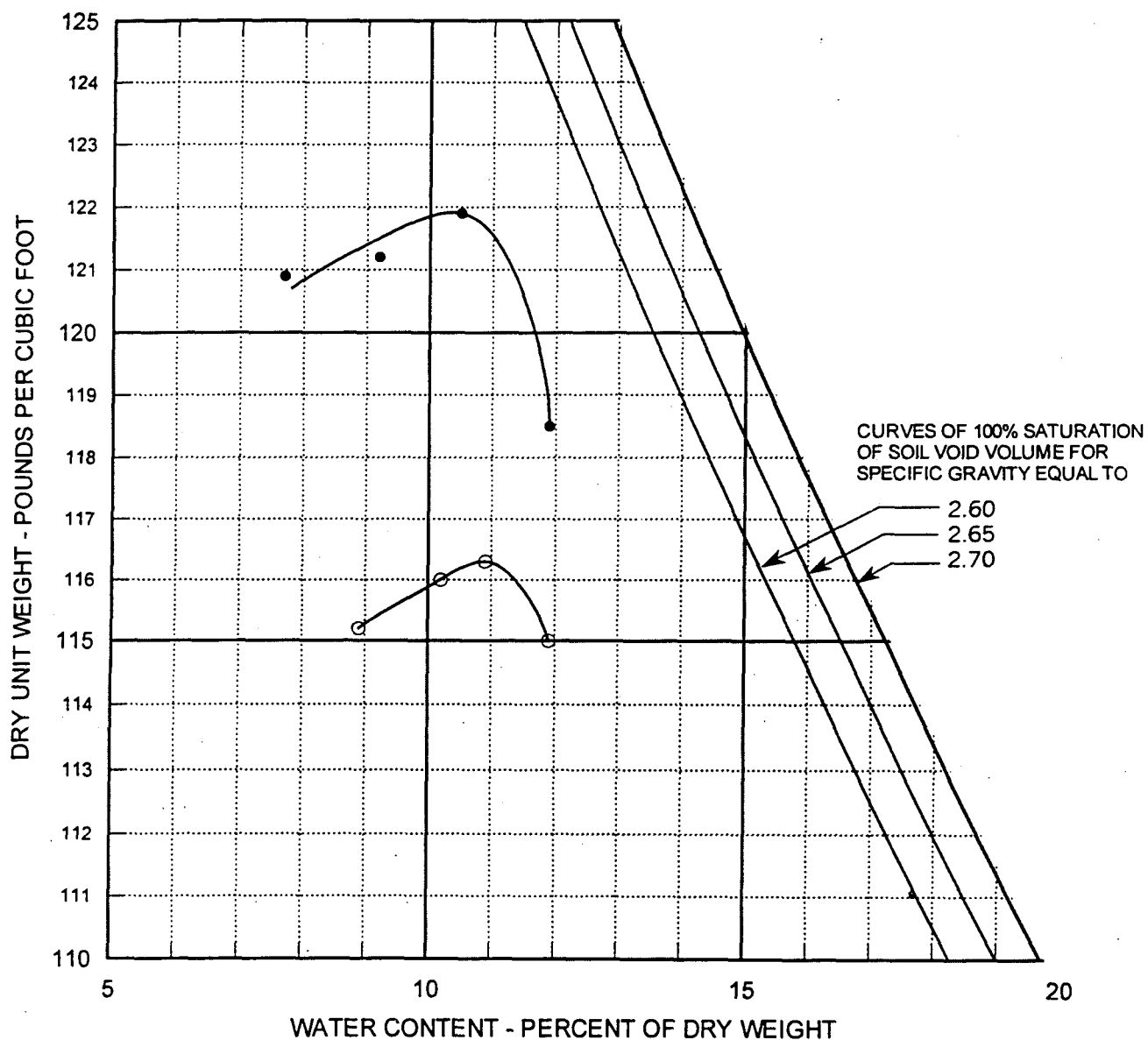
FIELD TEST METHOD: ASTM D2937 X ASTM D2922 ASTM D 2167 ASTM D1556

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
	ASTM D 1557	116.3	PCF @ 11.0%	TOP = TOP OF PIPE TOM = TOP OF MANHOLE
	ASTM D 1557	121.9	PCF @ 10.5%	
3	ASTM D 698	102.9	PCF @ 15.4%	

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MOISTURE - DENSITY RELATIONSHIP

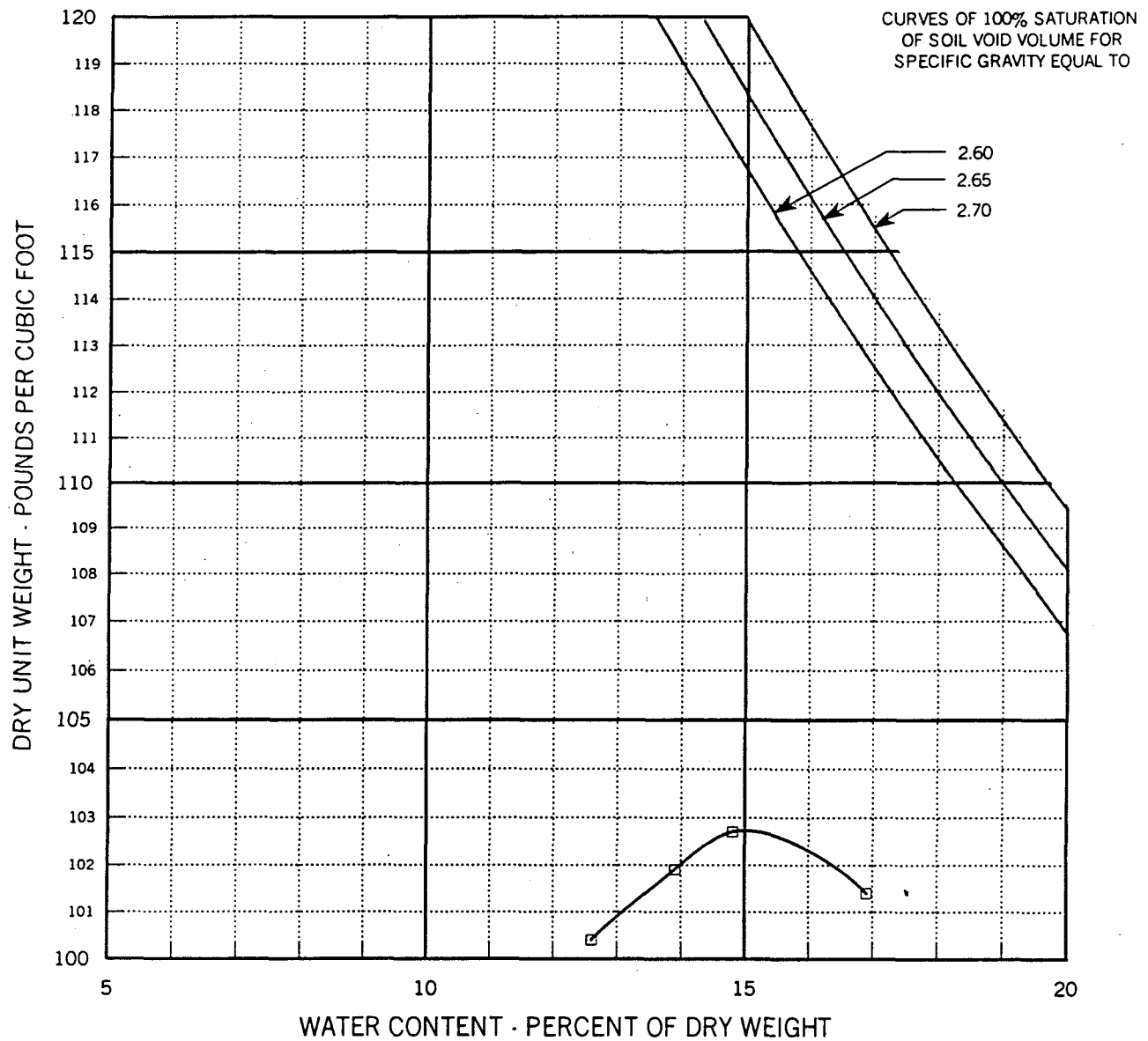


LEGEND

- MDR Curve #1
- MDR Curve #2



MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND (COMMON FILL)	
2	10/23/99	ASTM D 1557	121.9	10.5	-----	MIXED BROWN SILTY SAND WITH SOME CLAYEY SAND (COMMON FILL)	POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA
DRAWN BY: KMS CHECKED BY: PRM DATE: 11/09/99 FILE NO: 99-9485 APPROVED BY:  FIGURE NO. 1							

MOISTURE - DENSITY RELATIONSHIP

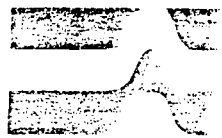


LEGEND

□ MDR Curve #3

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
3	10/15/99	ASTM D 1557	102.9	15.4	LIGHT BROWN TO WHITE SAND(FILTER SAND)	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
						DRAWN BY	CHECKED BY:
						KMS	PRM
						DATE	11/09/99
						FILE NO.	APPROVED BY:
						99-9485	
						FIGURE NO.	2

Jeff's Copy



ARDAMAN & ASSOCIATES, INC.
Geotechnical Engineering
Environmental Services

November 12, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Laboratory Test Results on Clayey Soil
Hardee County Landfill, Wauchula, Florida

REPORT NUMBER 8

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on November 8, 1999 to obtain a sample of the clayey soil excavated near the toe elevation of the liner. This material will be used as the clay backfill at the liner tie-in. The sample was returned to our laboratory to conduct the following tests:

- Standard Proctor (ASTM D 698)
- Classification by the Unified Soil Classification System (USCS) (ASTM D 2487)
- Atterberg Limits (ASTM D 4318)
- Percent Fines (ASTM D 1140)

The results of these tests, are listed below. Figure 1 presents a graphic representation of the moisture density relationship.

Liquid Limit (LL)	48%
Plastic Limit (PL)	22%
Plasticity Index (PI)	26%
Percent Passing the U.S. No. 200 Sieve	34

Based on the results of the Atterberg Limits and Percent Fines tests, the USCS Classification is a clayey sand (SC), with the fines being of medium plasticity.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

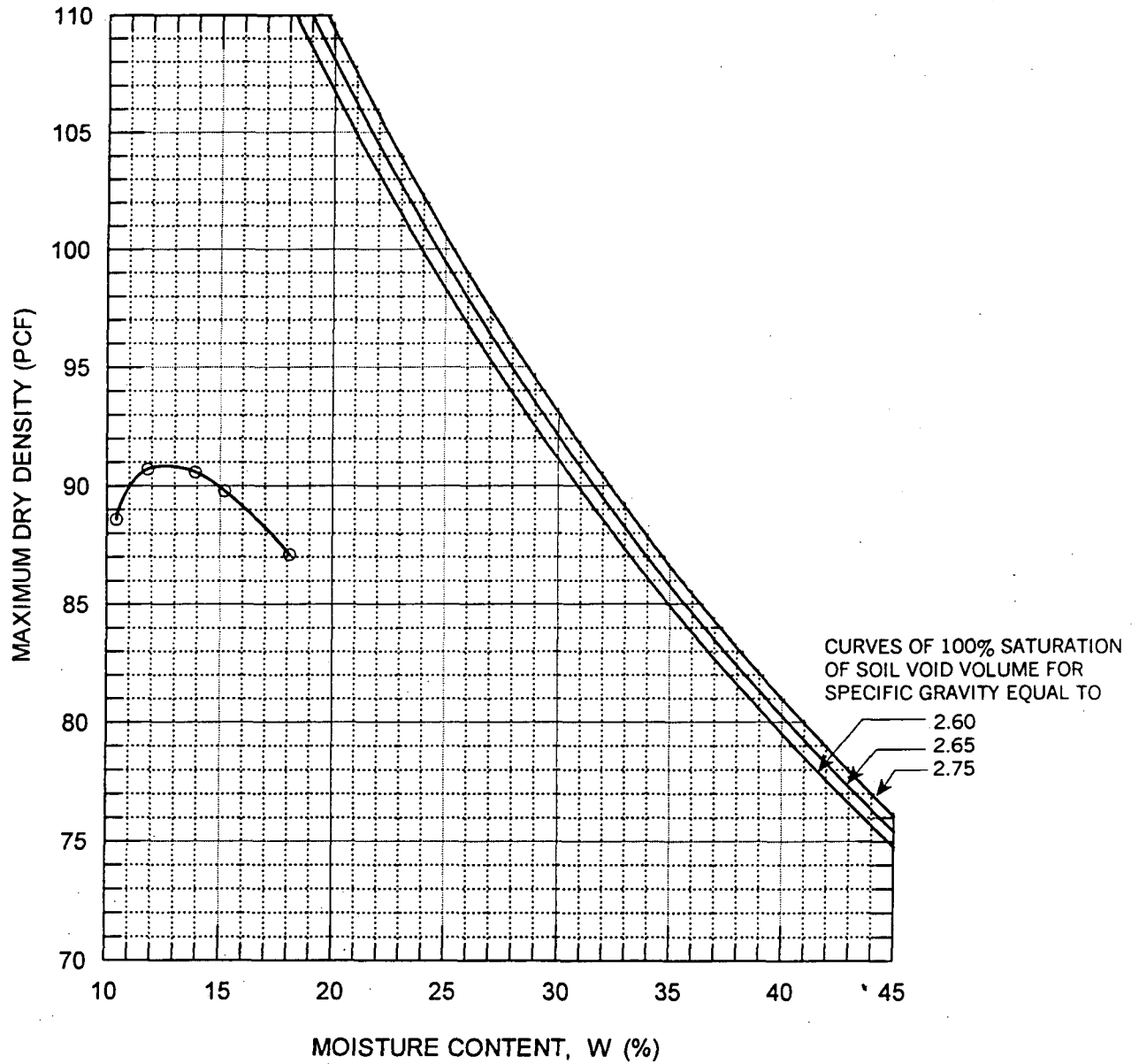

C. Alan Best
Technical Services Manager




P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

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cc: Mr. Dave Deans

MOISTURE - DENSITY RELATIONSHIP



MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	% SOIL FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA DRAWN BY: KMS CHECKED BY: PRM DATE: 11/11/99 FILE NO. 99-9485 APPROVED BY:  FIGURE NO. 1
4	11/08/99	ASTM D 698	90.9	12.7	33.9	WHITE TO LIGHT GRAY CLAYEY SAND	



ARDAMAN & ASSOCIATES, INC.
1500 Centennial Drive, Suite 300
Bartow, Florida 33513
Phone: (813) 535-1111
Fax: (813) 535-1112

November 16, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Laboratory Permeability Test on Drainage Sand,
Hardee County Landfill Expansion, Wauchula, Florida

REPORT NUMBER 9

Dear Mr. Wild:

On October 14 and October 19, 1999, a technician from Ardaman and Associates, Inc. obtained bulk samples of the drainage sand for the Leachate Collection System at the subject project. Both samples were returned to our laboratory for the following tests:

- Constant Head Sand Permeability Test
- Grain Size Distribution
- Percent Total Carbonates

The permeability samples were remolded in the laboratory at a dry density near that being achieved in the field, based on the results of in-place density tests. The results of the permeability tests and percent total carbonates are shown below. The grain size distributions are shown on Figure 1 attached.


Sample No.	Date	Final Test Conditions		Permeability k(cm/sec)	Total Carbonates (%)
		γ_d (pcf)	w (%)		
1	10/14/99	96.0	23.5	1.1×10^{-2}	0.1
2	10/19/99	96.1	23.9	9.7×10^{-3}	0.3

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

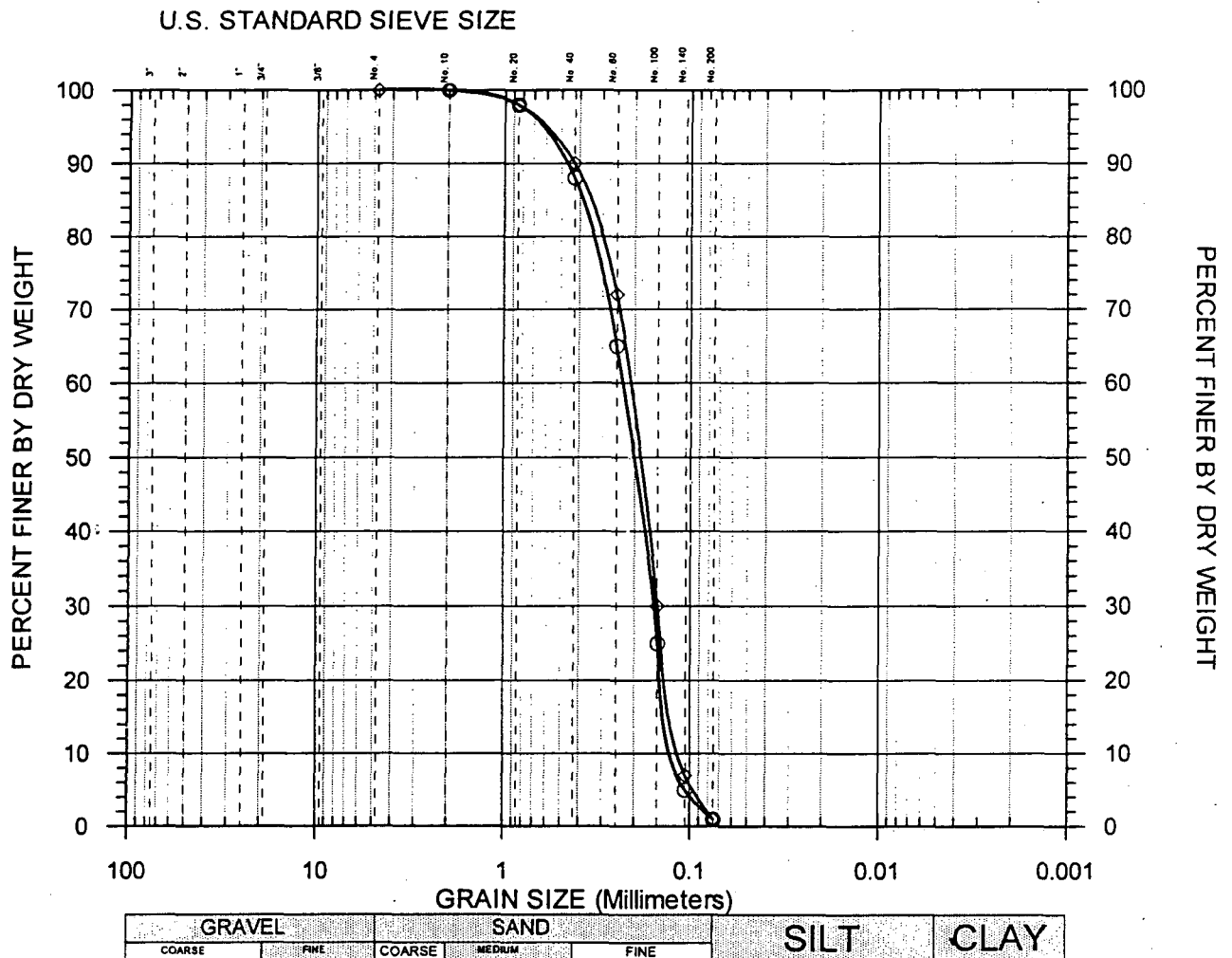


C. Alan Best
Technical Services Manager


11-18-99
P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

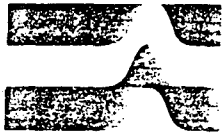
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GRAIN SIZE DISTRIBUTION CURVES



SYMBOL	SAMPLE NO.	DEPTH (ft.)	SAMPLE DESCRIPTION	-200 (%)	UNIFIED CLASS.
◇	1	----	LIGHT GRAY FINE SAND	1	SP
○	2	----	LIGHT GRAY FINE SAND	1	SP

Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
POST, BUCKLEY, SCHUH & JERNIGAN, INC. HARDEE COUNTY LANDFILL FACILITY HARDEE COUNTY, FLORIDA			
DRAWN BY:	KMS	CHECKED BY:	PRM
FILE NO.	99-9485	DATE:	11/15/99
APPROVED BY:			FIGURE NO. 1



Ardaman & Associates, Inc.

Geotechnical Environments and
Material Consulting

November 16, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 10

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on October 26, 1999 to conduct field in-place density tests (ASTM D 2937) on the drainage filter sand soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the drainage filter sand soils as determined by a standard proctor test (ASTM D 698) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

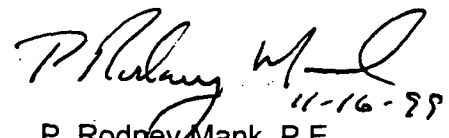
Based on these test results, the drainage filter sand soils at the tested locations meets the specified degree of compaction of 90 percent standard Proctor for the drainage sand as per project specifications, unless noted otherwise.

The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole No. 7 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the drainage filter sand soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.


C. Alan Best
Technical Services Manager


P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

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FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL			FILE NO. 99-9485			DATE 11/16/99		
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN			REPORT 10			PAGE NO. 1 OF 1		

T	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
DRAINAGE FILTER SAND							
1	30' S OF MANHOLE #6	10/14	3	97.6	4.4	TOM -2.0	94.8
2	SAME LOCATION	10/14	3	92.5	5.4	TOM -3.0	89.8*
3							
4							
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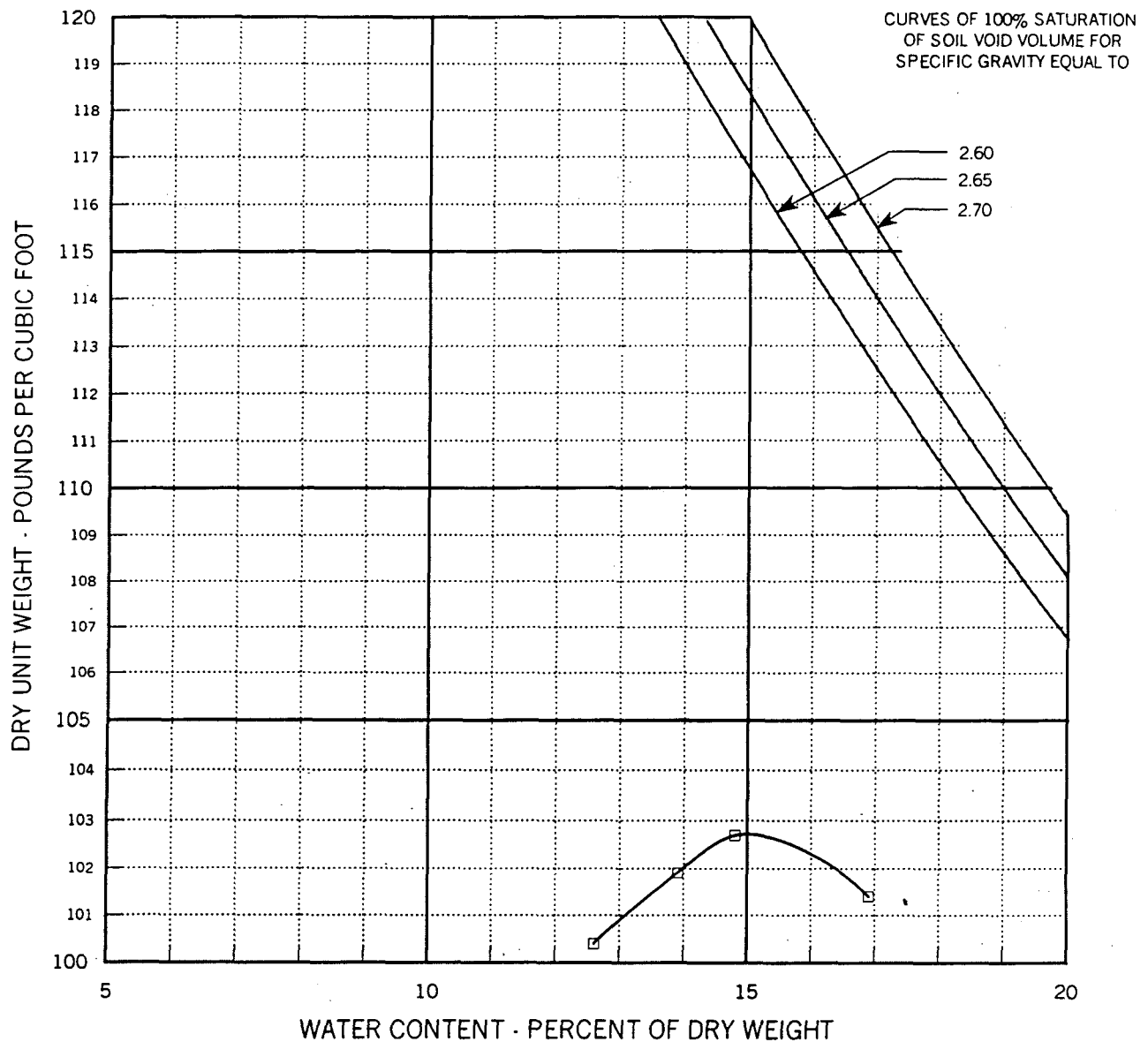
* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 90 PERCENT FOR DRAINAGE SAND

FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ASTM D 2167 ASTM D1556

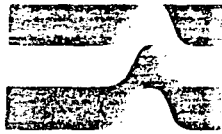
MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
	ASTM D 698	102.9	PCF @ 15.4%	TOM = TOP OF MANHOLE

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MOISTURE - DENSITY RELATIONSHIP



MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
3	10/15/99	ASTM D 1557	102.9	15.4	LIGHT BROWN TO WHITE SAND(FILTER SAND)	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
						DRAWN BY KMS	CHECKED BY PRM
						FILE NO. 99-9485	APPROVED BY <i>[Signature]</i>
						DATE 11/16/99	
						FIGURE NO 1	



Ardaman & Associates, Inc.

Geotechnical Engineering
Environmental Engineering

November 18, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 11

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on November 9, 1999 to conduct field in-place density tests (ASTM D 2937) on the common fill (backfill) soils for the leachate collection system. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the common fill (backfill) soils as determined by a modified proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the common fill (backfill) soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor for the pipe backfill soils as per project specifications, unless noted otherwise.

The test locations were established by Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan, and were measured by tape from Manhole No. 9 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the common fill (backfill) soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

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FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL				FILE NO. 99-9485		DATE 11/18/99	
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN				REPORT 11		PAGE NO. 1 OF 1	

#	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	20' E & 40' N OF MANHOLE #9	11/09	2	120.5	11.0	TOM -1.0	98.9
2	SAME LOCATION	11/09	2	116.3	9.2	TOM -2.0	95.4
3	SAME LOCATION	11/09	2	115.9	9.8	TOM -3.0	95.1
4	SAME LOCATION	11/09	2	116.4	11.9	TOM -4.0	95.4
5	SAME LOCATION	11/09	2	115.8	12.9	TOM -5.0	95.0
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT

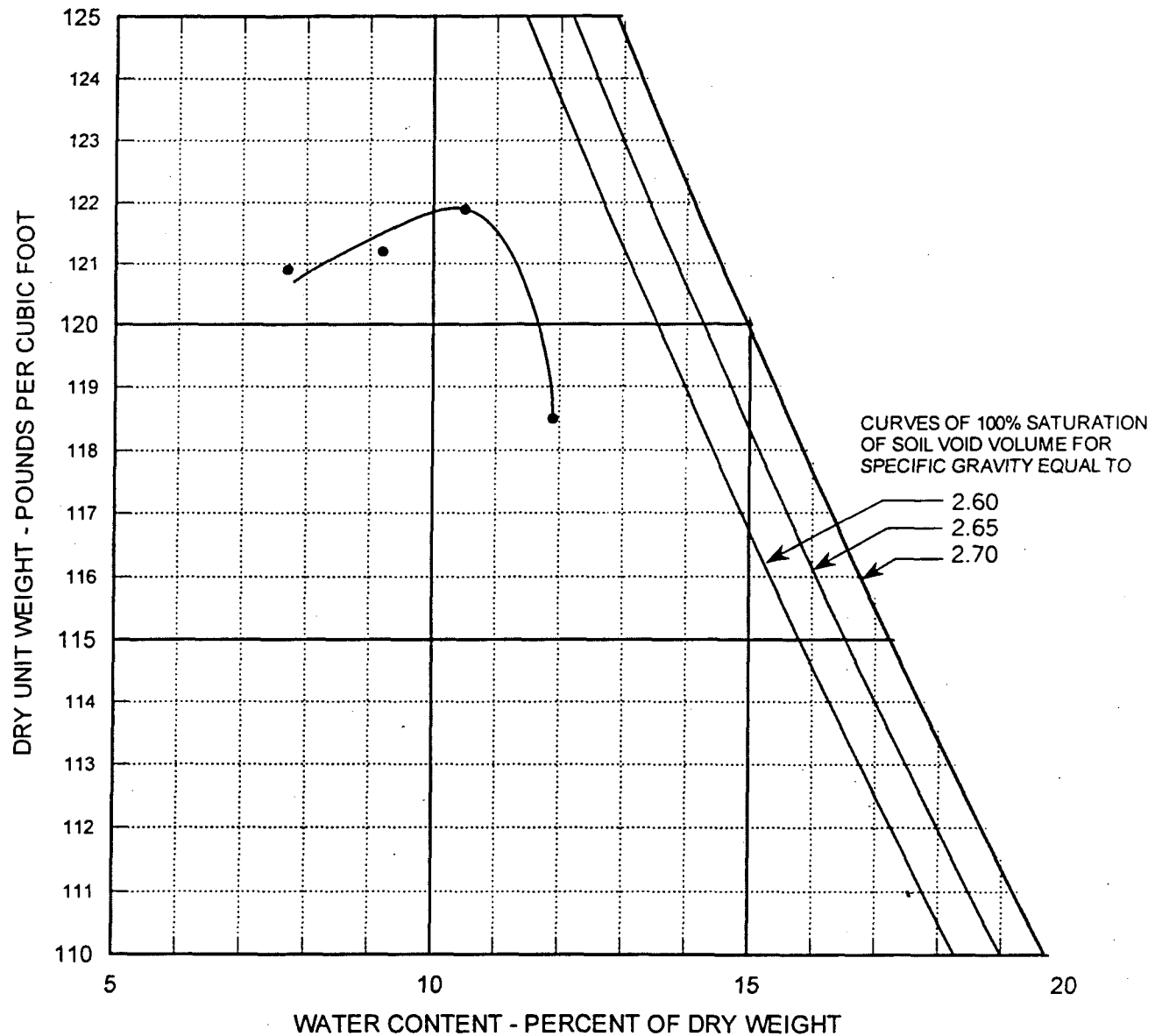
FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ☐ ASTM D 2167 ☐ ASTM D1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	TOM = TOP OF MANHOLE
	ASTM D 1557	121.9 PCF @	10.5%	

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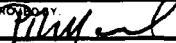


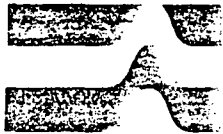
MOISTURE - DENSITY RELATIONSHIP



LEGEND

● MDR Curve #2

MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
2	10/23/99	ASTM D 1557	121.9	10.5	MIXED BROWN SILTY SAND WITH SOME CLAYEY SAND	POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
DRAWN BY: KMS CHECKED BY: PRM DATE: 11/17/99 FILE NO: 99-9485 APPROVED BY:  FIGURE NO: 1							



Ardaman & Associates, Inc.

Geotechnical Engineering and
Material Consultants

November 19, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Laboratory Test Results on Clayey Soil
Hardee County Landfill, Wauchula, Florida

REPORT NUMBER 12

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on November 9 and 12, 1999 to obtain a sample of the clayey soil excavated near the toe elevation of the liner. This material will be used as the clay backfill at the liner tie-in. The sample was returned to our laboratory to conduct the following tests:

- Standard Proctor (ASTM D 698)
- Classification by the Unified Soil Classification System (USCS) (ASTM D 2487)
- Atterberg Limits (ASTM D 4318)
- Sieve Analysis (ASTM D 421)

The results of these tests, are listed below. Figure 1 presents the grain size distribution curves for each sample, and Figure 2 presents a graphic representation of the moisture density relationship for Sample No. 1.

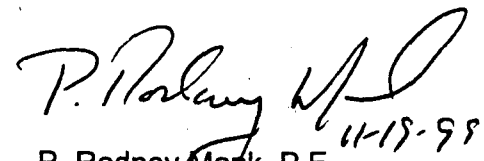
	<u>Sample No. 1</u> (Nov. 9, 1999)	<u>Sample No. 2</u> (Nov. 12, 1999)
Liquid Limit (LL)	56%	41%
Plastic Limit (PL)	20%	16%
Plasticity Index (PI)	36%	25%
Percent Passing the U.S. No. 200 Sieve	39	40

Based on the results of the Atterberg Limits and Percent Fines tests, the USCS Classification for both samples is a clayey sand (SC), with the fines being of medium plasticity.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.


C. Alan Best
Technical Services Manager

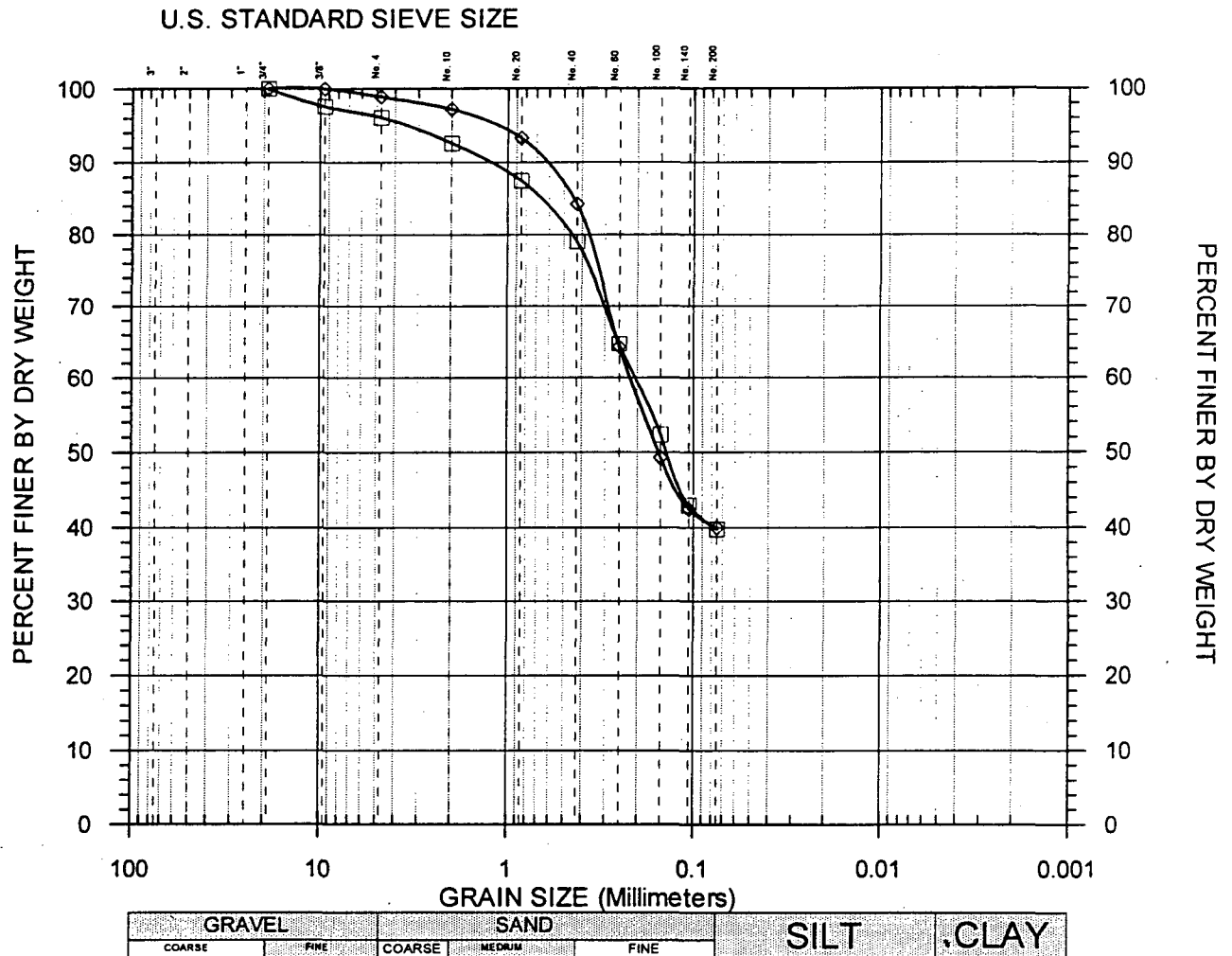

P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

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GRAIN SIZE DISTRIBUTION CURVES



SYMBOL	SAMPLE NO.	DEPTH (ft.)	SAMPLE DESCRIPTION	-200 (%)	UNIFIED CLASS.
□	1	----	WHITE TO LIGHT GRAY CLAYEY SAND	39	SC
◇	2	----	WHITE TO LIGHT GRAY CLAYEY SAND	40	SC

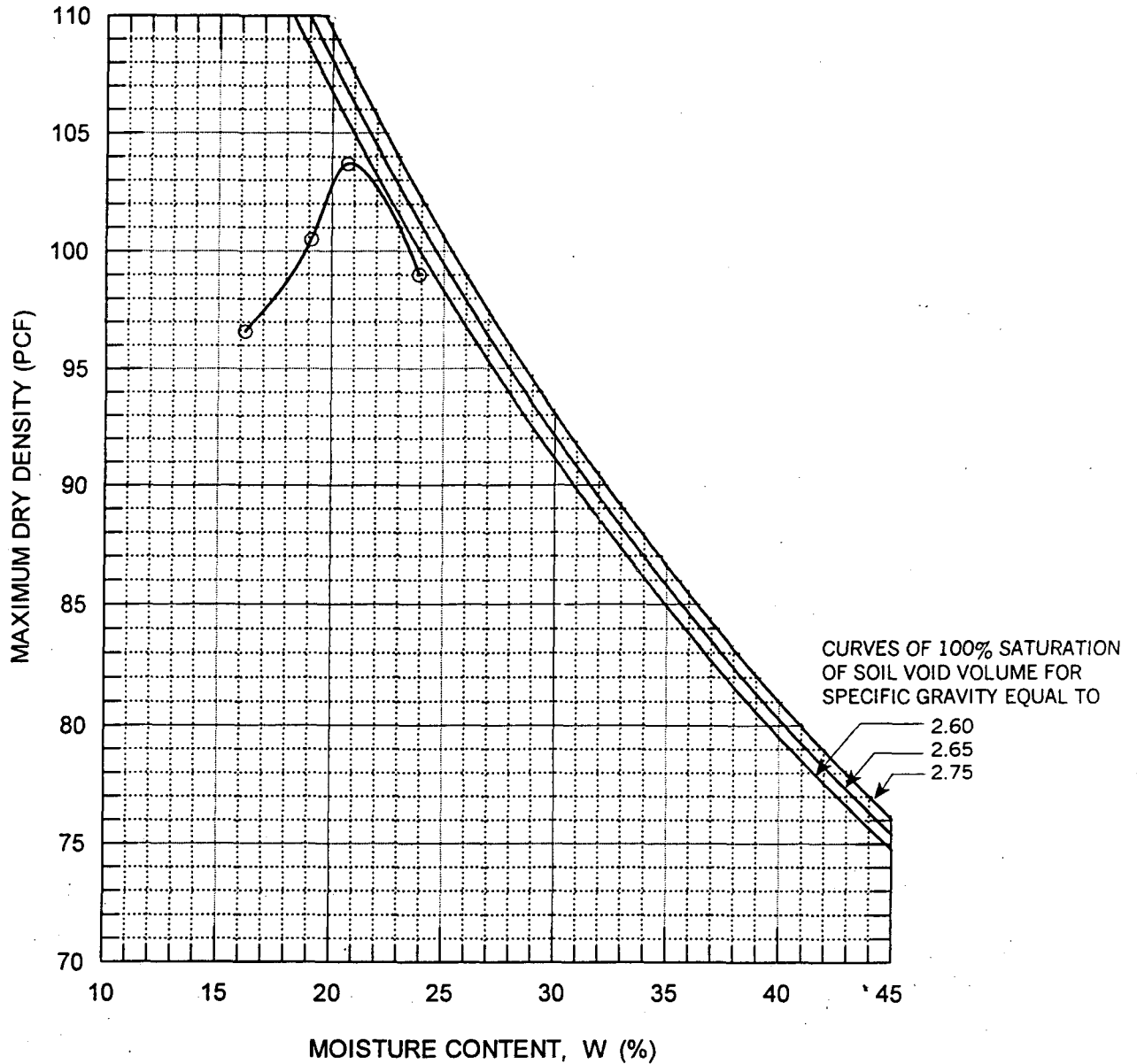
Ardaman & Associates, Inc.
Geotechnical, Environmental and
Materials Consultants



POST, BUCKLEY, SCHUH & JERNIGAN, INC.
HARDEE COUNTY LANDFILL FACILITY
HARDEE COUNTY, FLORIDA

DRAWN BY: KMS CHECKED BY: PRM DATE: 11/17/99

FILE NO: 99-0485 APPROVED BY: *[Signature]* FIGURE NO: 1

MOISTURE - DENSITY RELATIONSHIP



MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	% SOIL FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA DRAWN BY: KMS CHECKED BY: PRM DATE: 11/18/99 FILE NO. 99-0485 APPROVED BY:  FIGURE NO. 2
5	11/09/99	ASTM D 698	103.7	20.7	39	WHITE TO LIGHT GRAY CLAYEY SAND	



Ardaman & Associates, Inc.

Geotechnical, Environmental, and
Materials Consultants

November 24, 1999
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 13

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on November 10, 11, and 16, 1999 to conduct field in-place density tests (ASTM D 2937) on the liner backfill soils. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the liner backfill soils as determined by a modified proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the liner backfill soils at the tested locations meets the specified degree of compaction of 92 percent modified Proctor as per Mr. Andrew Marshall of Post, Buckley, Schuh & Jernigan.

The test locations were measured by tape from Manhole No. 7 as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the liner backfill soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best

C. Alan Best
Technical Services Manager

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P. Rodney Mark
11-24-99
P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL

FILE NO. 99-9485

DATE 11/24/99

CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN

REPORT 13

PAGE NO. 1 OF 1

	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	30' E & 24' S OF MANHOLE #7	11/10	2	119.1	9.7	TOM -5.5	97.7
2	SAME LOCATION	11/10	2	105.3	12.4	TOM -6.5	86.3*
3	430' E & 24' S OF MANHOLE #7	11/10	2	107.5	15.9	TOM -7.5	88.2*
4	SAME LOCATION	11/10	2	108.1	15.7	TOM -8.5	88.6*
5	RETEST OF TEST #2	11/11	2	116.0	12.2	TOM -6.5	95.1
6	RETEST OF TEST #3	11/11	2	112.1	12.2	TOM -7.5	92.0
7	RETEST OF TEST #4	11/11	2	112.1	12.5	TOM -8.5	92.0
8	230' E & 24' S OF MANHOLE #7	11/11	2	118.2	10.6	TOM -6.5	96.9
9	SAME LOCATION	11/11	2	113.8	11.6	TOM -7.5	93.4
10	210' W OF CENTERLINE OF ACCESS ROAD	11/16	2	112.4	14.2	GR -9.0	92.2
11	SAME LOCATION	11/16	2	108.9	16.6	GR -10.0	89.3*
12	SAME LOCATION	11/16	2	109.0	17.6	GR -11.0	89.4*
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* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 95 PERCENT

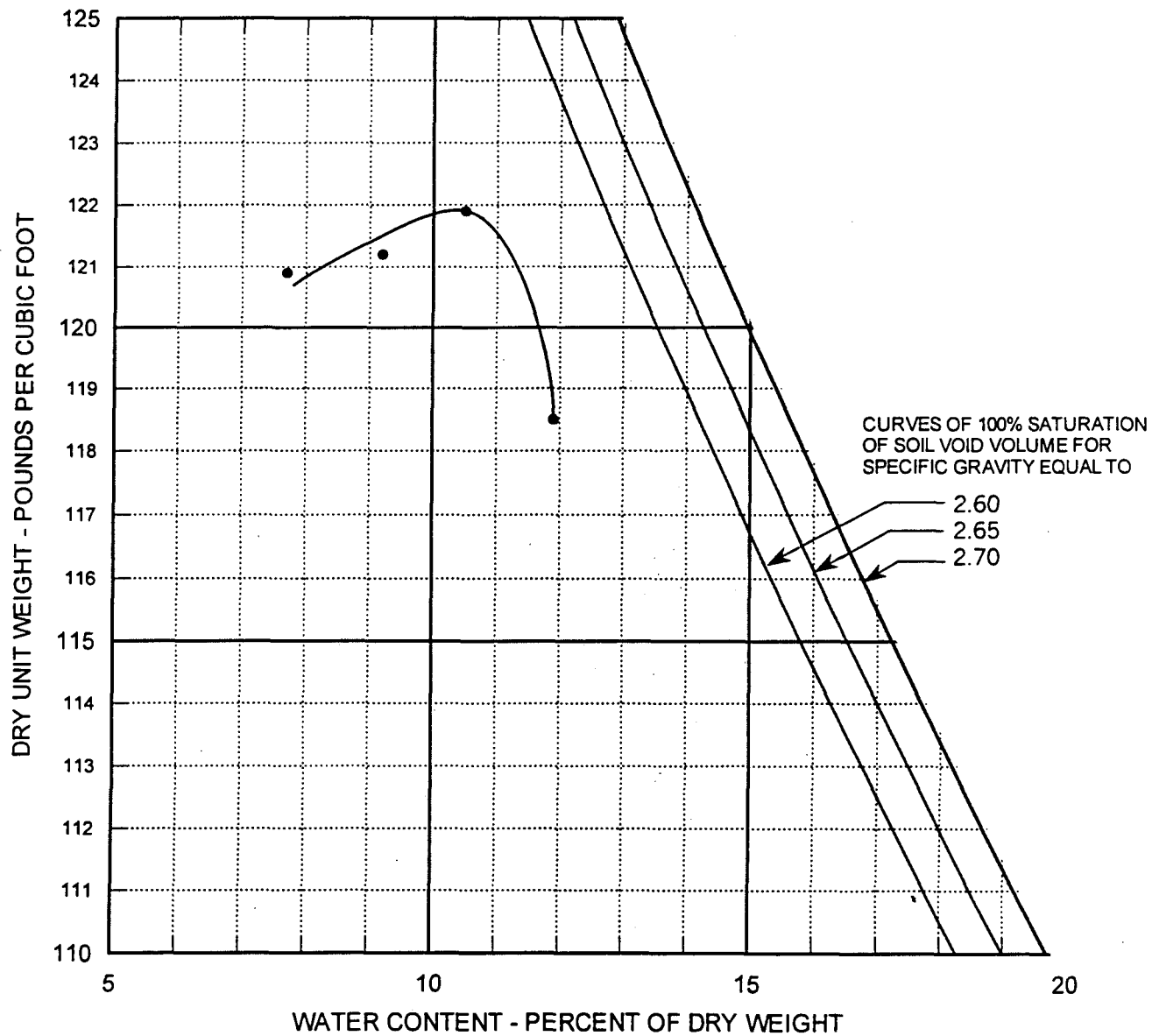
FIELD TEST METHOD: ASTM D2937 ☒ ASTM D2922 ☐ ASTM D 2167 ☐ ASTM D1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	TOM = TOP OF MANHOLE GR = ADJACENT FINISHED GRADE
	ASTM D 1557	121.9	PCF @ 10.5%	

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MOISTURE - DENSITY RELATIONSHIP



LEGEND

● MDR Curve #2

MDR NO.	DATE TESTED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA
2	10/23/99	ASTM D 1557	121.9	10.5	MIXED BROWN SILTY SAND WITH SOME CLAYEY SAND	
DRAWN BY: KMS CHECKED BY: PRM DATE: 11/23/99 FILE NO: 99-9485 APPROVED BY:  FIGURE NO: 1						



Ardaman & Associates, Inc.

January 26, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 14

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on January 6, 7 and 10, 2000 to conduct field in-place density tests (ASTM D 2937) on the foundation subgrade, subgrade fill and natural ground soils for the leachate storage tanks and truck loading building. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the foundation subgrade, subgrade fill and natural ground soils as determined by a modified proctor test (ASTM D 1557) on representative samples. Graphic representation of the moisture-density relationships are presented as Figure 1.

Based on these test results, the foundation subgrade, subgrade fill and natural ground soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications.

The test locations were established by tape measurement from the center of each tank and the building corners as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the foundation subgrade, subgrade fill and natural ground soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

for C. Alan Best
Technical Services Manager

PRM/CAB:ks
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Client Copies: 3

P. Rodney Mark, P.E. 1-27-00
Project Engineer
Florida Registration No. 41986

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL

FILE NO. 99-9485

DATE 1/26/00

CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN

REPORT 14

PAGE NO. 1 OF 1

TEST NO.	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	OUTSIDE RING FOOTING, SE RADIUS, SOUTH TANK	1/06	6	104.0	4.0	BOF -1.0	95.0
2	SAME LOCATION	1/06	1	110.8	6.4	BOF -2.0	95.3
3	OUTSIDE RING FOOTING, NW RADIUS, SOUTH TANK	1/06	6	104.3	4.7	BOF -1.0	95.3
4	SAME LOCATION	1/06	6	108.6	6.0	BOF -2.0	99.2
5	OUTSIDE RING FOOTING, SOUTH RADIUS, NORTH TANK	1/06	6	104.3	4.0	BOF -1.0	95.3
6	SAME LOCATION	1/06	6	105.9	6.5	BOF -2.0	96.7
7	OUTSIDE RING, NORTH RADIUS, NORTH TANK	1/06	6	105.8	7.7	BOF -1.0	96.6
8	SAME LOCATION	1/06	6	104.9	7.6	BOF -2.0	95.8
9	INSIDE RING, WEST RADIUS, NORTH TANK	1/06	6	106.8	4.5	BOF -1.0	97.5
10	SAME LOCATION	1/06	1	112.7	7.1	BOF -2.0	96.9
11	INSIDE RING, EAST RADIUS, NORTH TANK	1/06	6	104.5	4.3	BOF -1.0	95.4
12	SAME LOCATION	1/06	6	106.1	9.6	BOF -2.0	96.9
13	INSIDE RING, SW RADIUS, SOUTH TANK	1/06	1	111.0	4.3	BOF -1.0	95.4
14	SAME LOCATION	1/06	1	110.7	6.9	BOF -2.0	95.2
15	INSIDE RING, NE RADIUS, SOUTH TANK	1/06	6	104.0	7.5	BOF -1.0	95.0
16	SAME LOCATION	1/06	6	106.9	7.9	BOF -2.0	97.6
	1' E & 1' S OF NW CORNER OF TRUCK LOADING BUILDING	1/07	1	111.0	8.2	GR -1.0	95.4
18	SAME LOCATION	1/07	6	105.6	8.0	STGR -1.0	96.6
19	1' W & 1' S OF NE CORNER OF TRUCK LOADING BUILDING	1/07	1	110.6	9.0	GR -1.0	95.1
20	SAME LOCATION	1/07	1	110.8	6.3	STGR -1.0	95.3
21	1' N & 1' W OF SE CORNER OF TRUCK LOADING BUILDING	1/07	1	110.8	10.8	GR -0.5	95.3
22	SAME LOCATION	1/07	1	110.8	5.7	GR -1.5	95.3
23	SAME LOCATION	1/07	1	110.5	5.6	STGR -1.0	95.0
24	1' N & 1' E OF SW CORNER OF TRUCK LOADING BUILDING	1/07	1	110.6	10.6	GR -0.5	95.1
25	SAME LOCATION	1/07	1	110.7	8.8	GR -1.5	95.2
26	SAME LOCATION	1/07	1	116.9	6.9	STGR -1.0	100+
27	1' W & 0.5' S OF NE CORNER OF PIPE RACK COLUMN PAD	1/10	6	108.7	9.0	BOF -1.0	99.3
28	SAME LOCATION	1/10	6	106.8	14.7	BOF -2.0	97.5
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30							

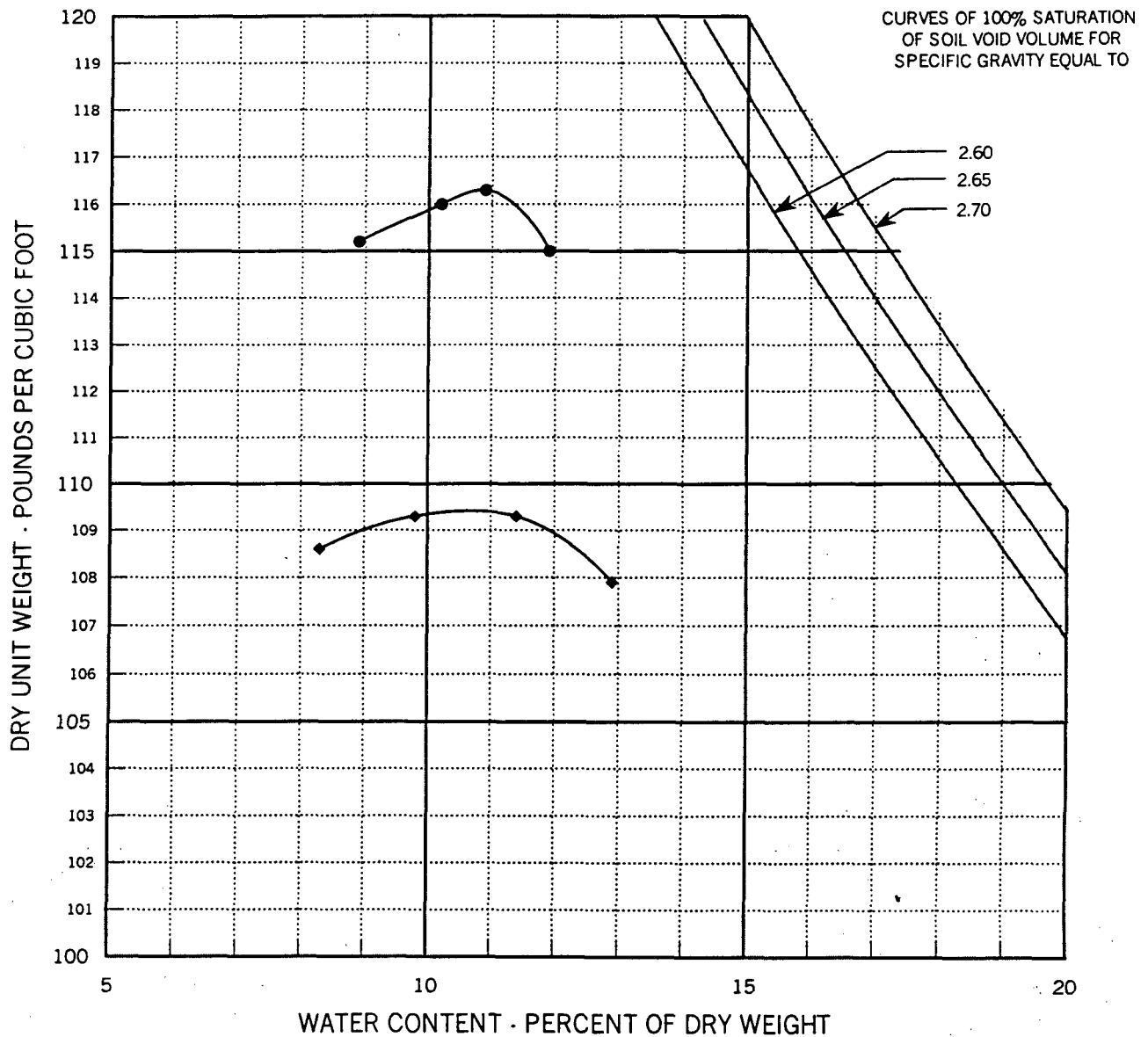
* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF **95** PERCENT

FIELD TEST METHOD: ASTM D 2937 ☒ ASTM D 2922 ☐ ASTM D 2167 ☐ ASTM D 1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
	ASTM D 1557	116.3	PCF @ 11.0%	BOF = BOTTOM OF FOUNDATION GR = FILL GRADE STGR = STRIPPED GRADE
6	ASTM D 1557	109.5	PCF @ 10.7%	



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MOISTURE - DENSITY RELATIONSHIP



LEGEND

- MDR CURVE #1
- ◆ MDR CURVE #6

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
1	10/12/99	ASTM D 1557	116.3	11.0	12.3	BROWN SAND WITH SILT TO SILTY SAND	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
6	1/06/00	ASTM D 1557	109.5	10.7	----	LIGHT BROWN TO LIGHT GRAY SAND WITH SILT		
DRAWN BY: KMS CHECKED BY: PRM DATE: 1/23/00							FILE NO. 99-9485 APPROVED BY:  FIGURE NO. 1	

February 10, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 15

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on January 19, 2000 to conduct field in-place density tests (ASTM D 2937) on the foundation subgrade and floor slab subgrade soils for the pump pad building. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the foundation subgrade and floor slab subgrade soils as determined by a modified proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the foundation subgrade and floor slab subgrade soils at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications.

The test locations were established by tape measurement from the building corners as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the foundation subgrade and floor slab subgrade soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

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Client Copies: 3

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL			FILE NO. 99-9485			DATE 2/10/00		
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN			REPORT 15			PAGE NO. 1 OF 1		

EST NO.	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	DEPTH (FEET)	COMPACTION (%)
1	NW CORNER OF PUMP PAD BUILDING	1/19	6	105.5	8.3	BOF -1.0	96.4
2	SE CORNER OF PUMP PAD BUILDING	1/19	6	104.3	4.8	BOF -1.0	95.3
3	SW CORNER OF PUMP PAD BUILDING	1/19	6	104.3	8.8	BOF -2.0	95.3
4	NE CORNER OF PUMP PAD BUILDING	1/19	6	104.6	3.3	BOF -2.0	95.6
5	5' S & 4' E OF NW CORNER OF PUMP PAD BUILDING	1/19	6	104.3	5.5	FS -0.6	95.3
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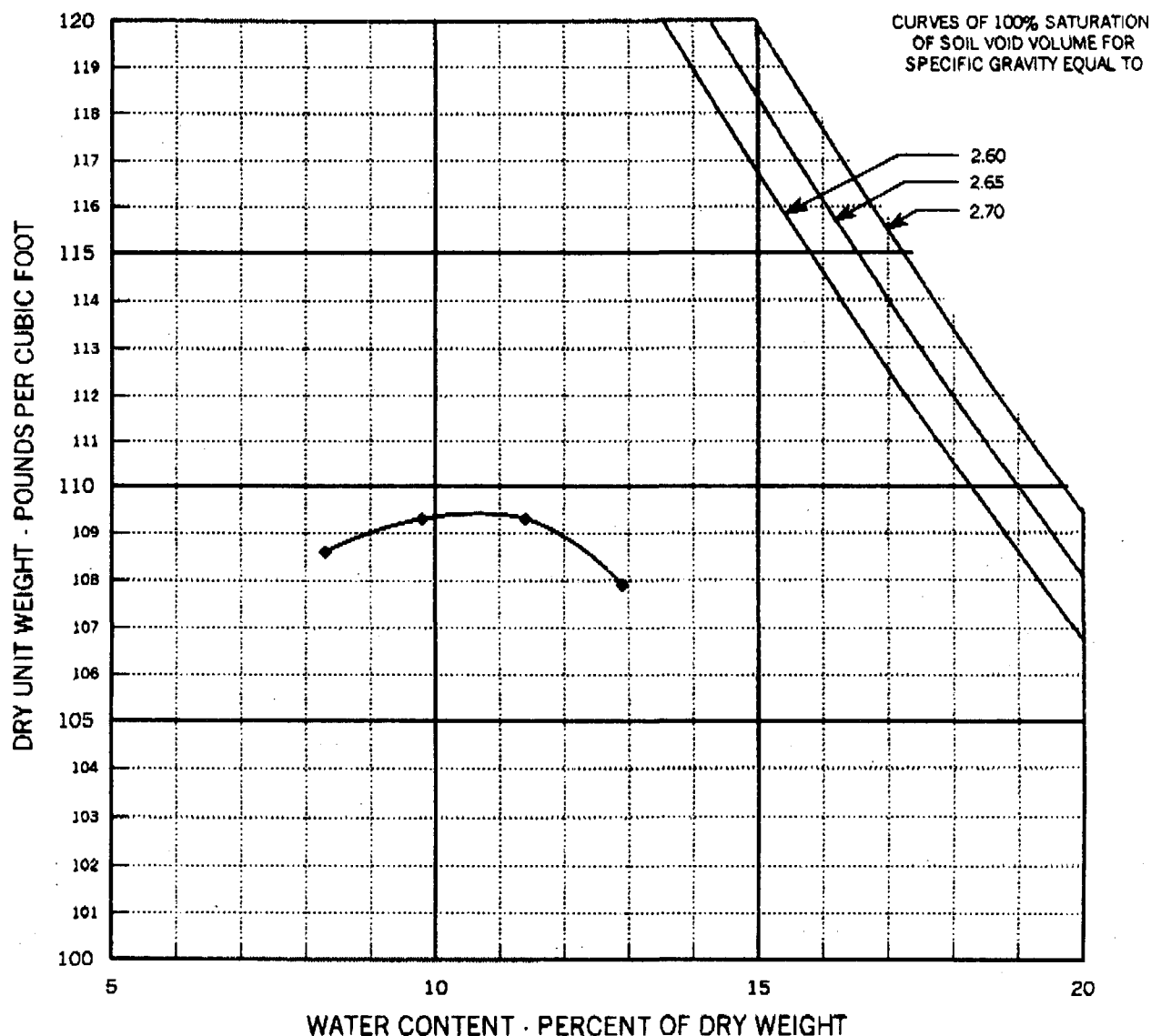
* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF <u>95</u> PERCENT			
FIELD TEST METHOD: ASTM D 2937 <input checked="" type="checkbox"/> ASTM D 2922 _____ ASTM D 2167 _____ ASTM D 1556 _____			
MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE
6	ASTM D 1557	109.5 PCF @	10.7%


BOF = BOTTOM OF FOUNDATION
 FS = FLOOR SLAB SUBGRADE

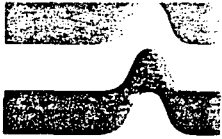
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MOISTURE - DENSITY RELATIONSHIP



MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	(%) FINES	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants		
6	1/06/00	ASTM D 1557	109.5	10.7	—	LIGHT BROWN TO LIGHT GRAY SAND WITH SILT	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA		
							DRAWN BY: KMS	CHECKED BY: PRM	DATE: 2/10/00
							FILE NO: 98-0405	APPROVED BY:	FIGURE NO: 1



Ardaman & Associates, Inc.

Geotechnical Engineering and
Materials Consultant

March 13, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 16

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on February 4, 2000 to conduct field in-place density tests (ASTM D 2937) on the stabilized roadway subgrade soils for the entrance road. The stabilized subgrade thickness and width was measured at each density test location. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the stabilized roadway subgrade soils as determined by a modified proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the stabilized roadway subgrade soils at the tested locations meets the specified degree of compaction of 98 percent modified Proctor as per project specifications.

The test locations were established by tape measurement from the roadway centerline as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the stabilized roadway subgrade soils at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

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Client Copies: 3

P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL					FILE NO. 99-9485		DATE 3/3/00		
CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN					REPORT 16		PAGE NO. 1 OF 1		

TEST NO.	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	THICKNESS (INCHES)	WIDTH (FEET)	DEPTH (FEET)	COMPACTION (%)
1	82' W OF EXISTING ROADWAY 4' S OF C/L S. ENTRANCE RD	2/04	8	119.7	9.1	8+	30	SSG -0.8	100+
2	270' W OF EXISTING ROADWAY CENTERLINE OF ENTRANCE RD	2/04	8	117.2	6.7	8+	36	SSG -0.8	100+
3	92' W OF EXISTING ROADWAY 10' N OF C/L N. ENTRANCE RD	2/04	9	117.9	7.0	8+	30+	SSG -0.8	98.7
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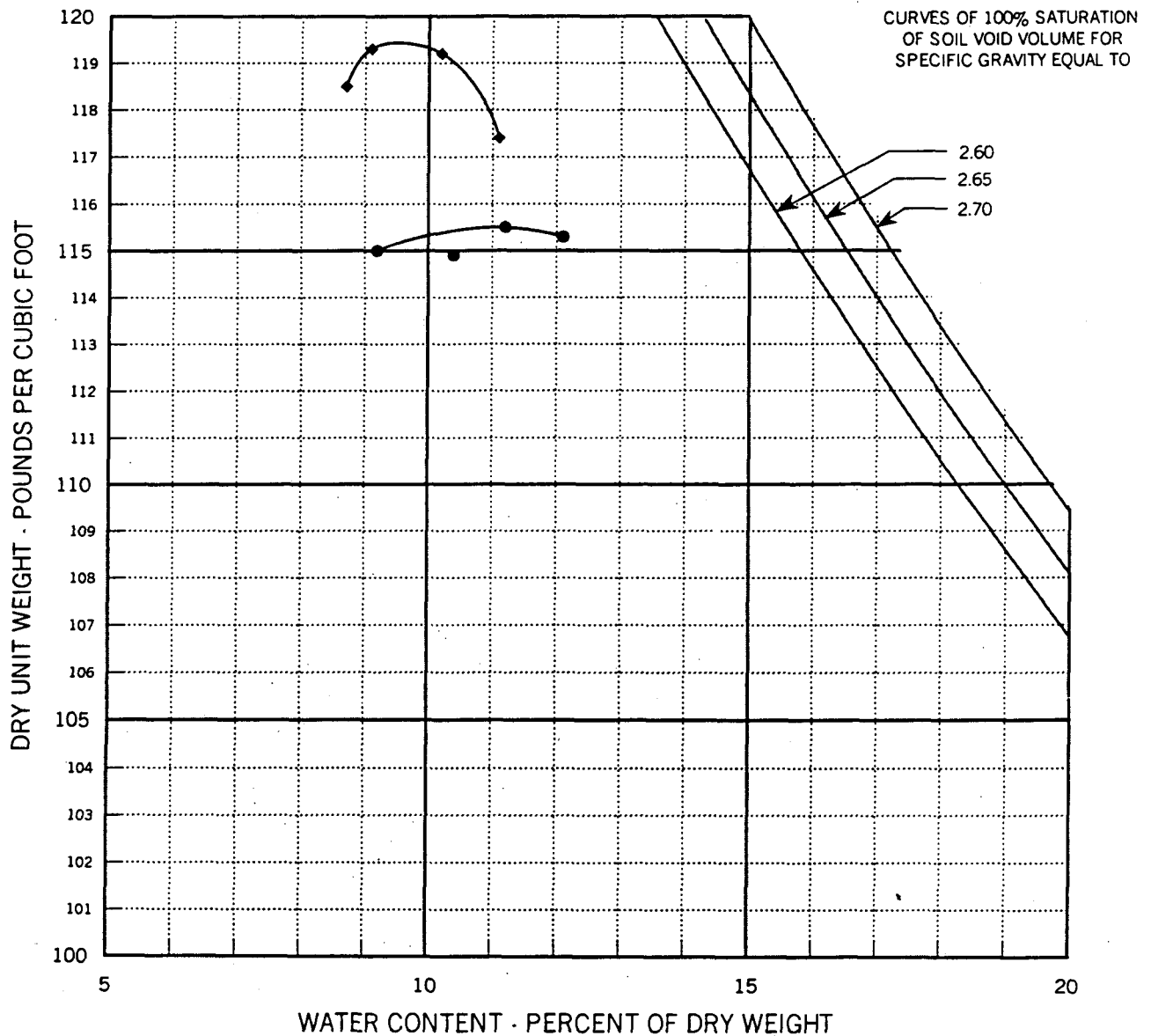
* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 98 PERCENT

FIELD TEST METHOD: ASTM D 2937 ☒ ASTM D 2922 ☐ ASTM D 2167 ☐ ASTM D 1556 ☐

MDR	TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	SSG = STABILIZED SUBGRADE
8	ASTM D 1557	115.5 PCF @	11.2%	
	ASTM D1557	119.5 PCF @	9.8%	



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MOISTURE - DENSITY RELATIONSHIP



LEGEND

- MDR CURVE #8
- ◆ MDR CURVE #9

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
8	2/04/00	ASTM D 1557	115.5	11.2	YELLOW TO GRAYISH-BROWN SAND WITH CLAYEY SAND	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
9	2/04/00	ASTM D 1557	119.5	9.8	GRAYISH-BROWN WITH TRACE CLAYEY SAND & SHELL		
						DRAWN BY KMS FILE NO. 99-9485	CHECKED BY PRM APPROVED BY 
						DATE 3/03/00	FIGURE NO. 1



Ardaman & Associates, Inc.

March 11, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Limerock Bearing Ratio Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 17

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on February 4, 2000 to obtain samples of the stabilized subgrade soils for Limerock Bearing Ratio (LBR) tests. Graphic representation of the test results are presented as Figures 1 and 2. These results are summarized below.

Test No.	Location	LBR
1	NORTH END OF ROADWAY	72
2	SOUTH END OF ROADWAY	60

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

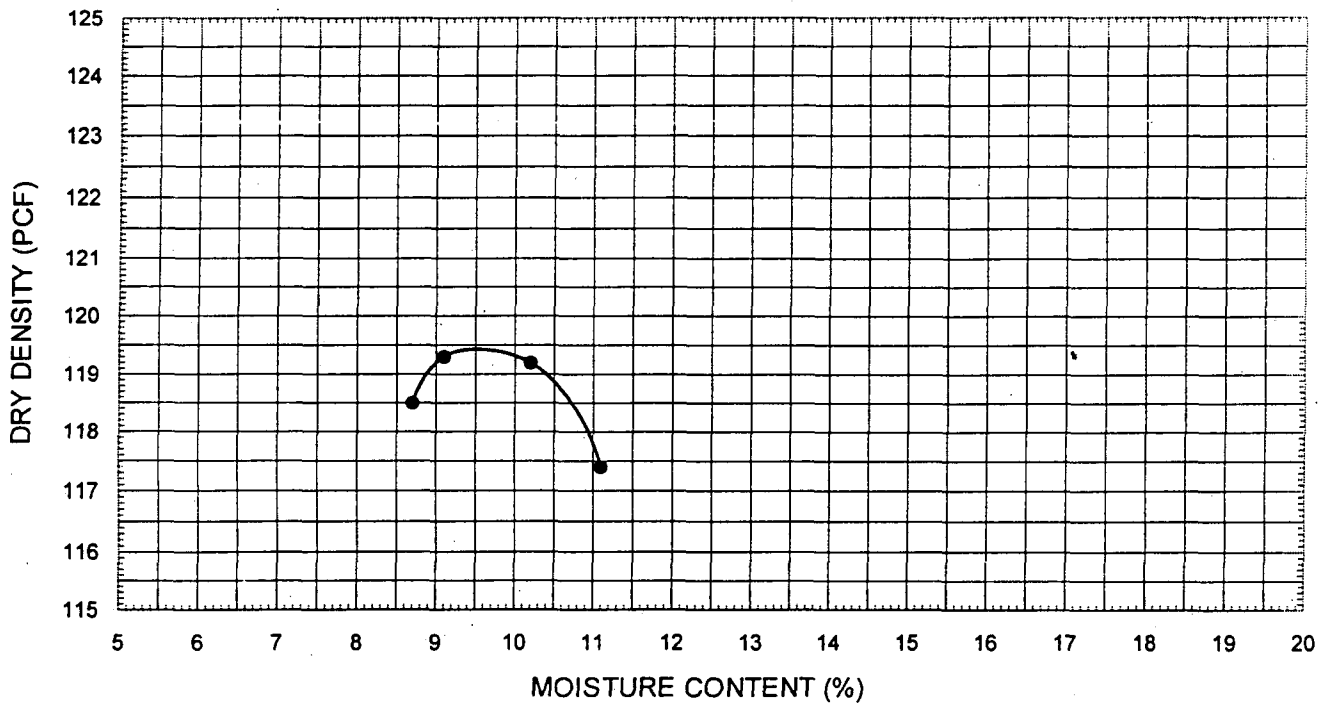
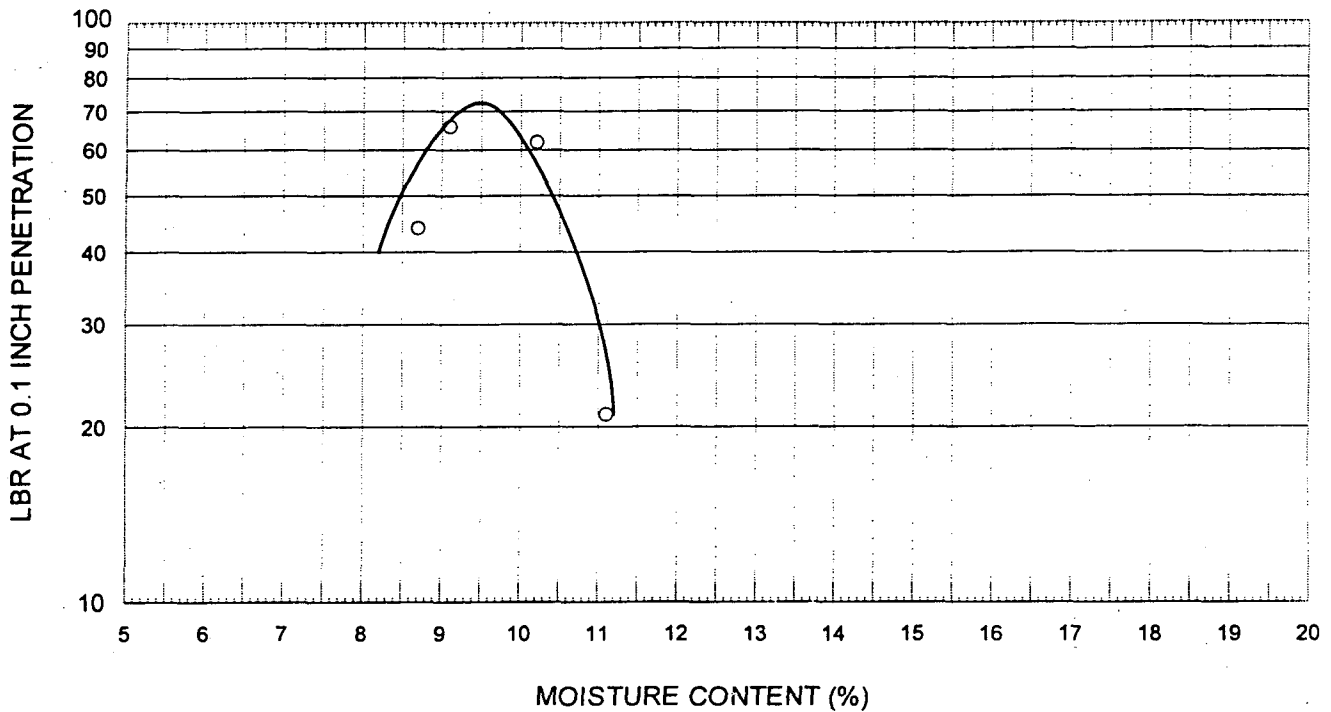
Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

3-15-00
P. Rodney Mank, P.E.
Project Engineer
Florida Registration No. 41986

PRM/CAB:ks
Enclosures
Client Copies: 3
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LIMEROCK BEARING RATIO



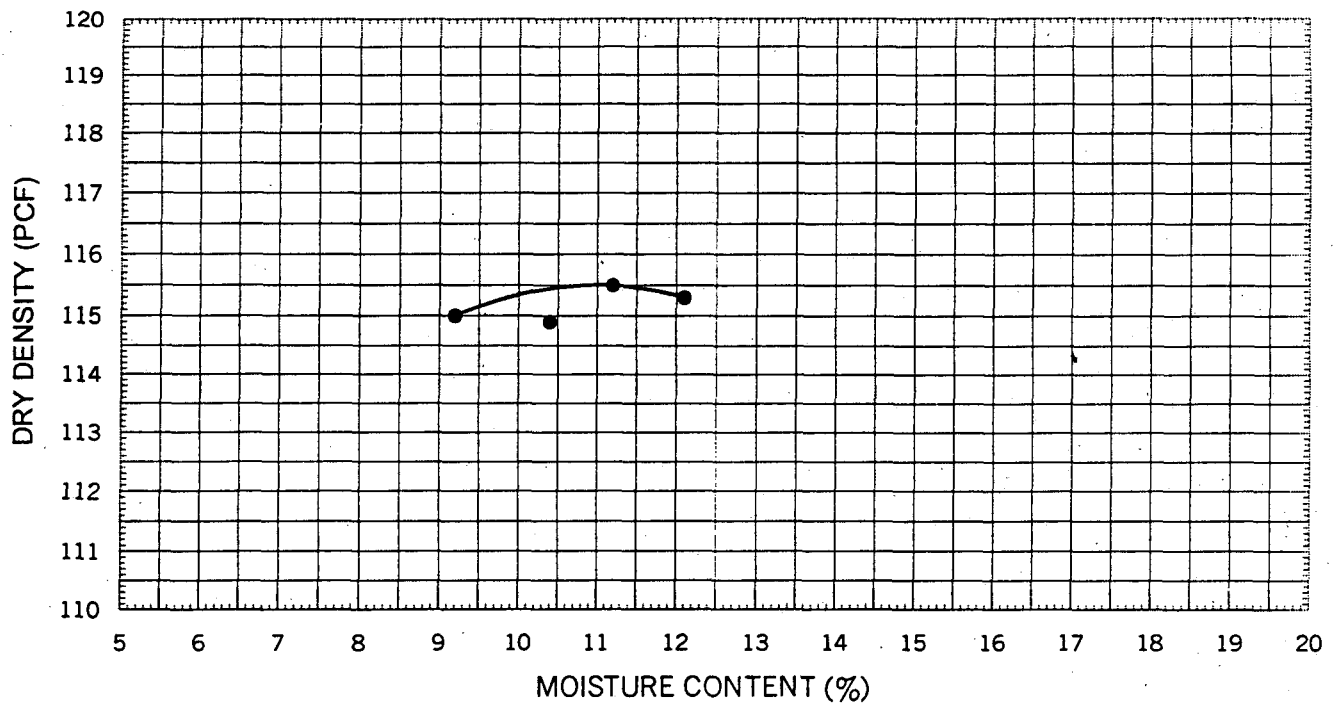
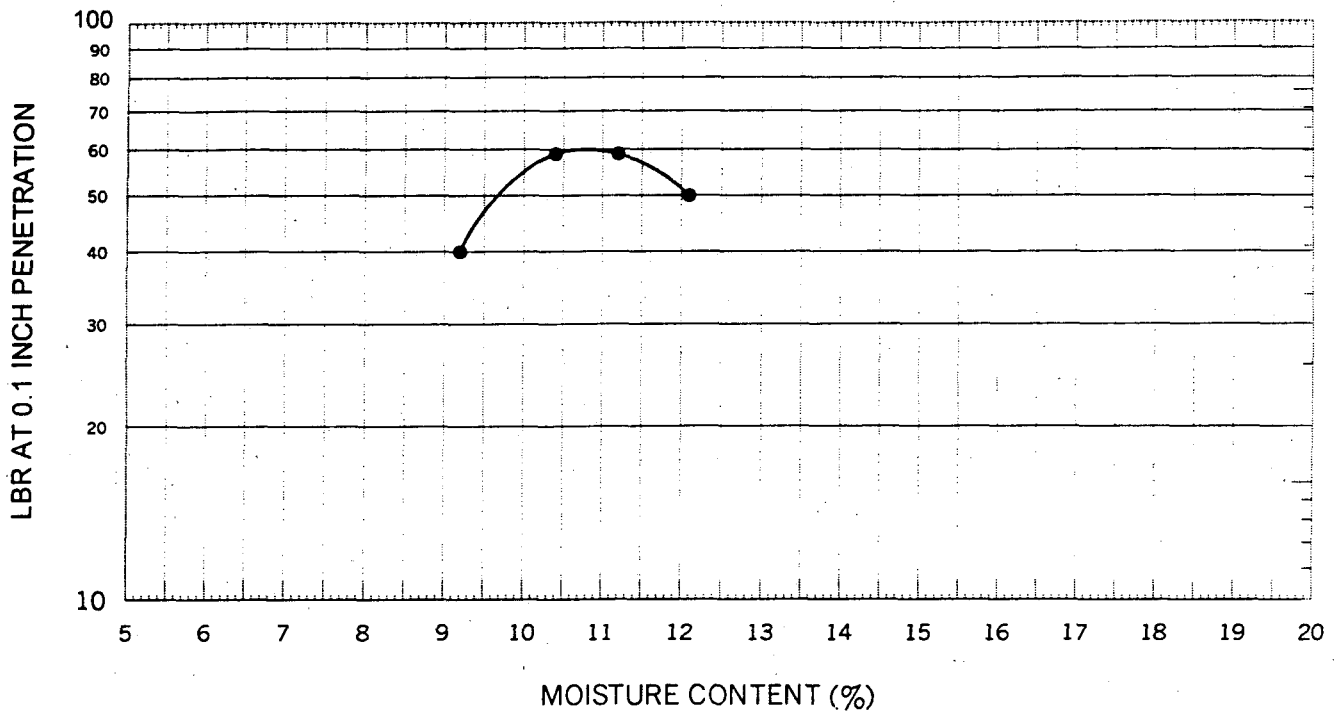
LIMEROCK BEARING RATIO TEST SUMMARY

SAMPLE DATE: February 4, 2000
SAMPLE LOCATION: North end of roadway
SOIL DESCRIPTION: Grayish-brown silty sand with trace clay & shell

MAXIMUM DRY DENSITY: 119.5 pcf
OPTIMUM MOISTURE CONTENT: 9.8 %
LIMEROCK BEARING RATIO: 72



		Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL EXPANSION HARDEE COUNTY, FLORIDA			
DRAWN BY	KMS	CHECKED BY:	PRM
FILE NO	99-9485	DATE	3/10/00
APPROVED		FOURE NO. 1	

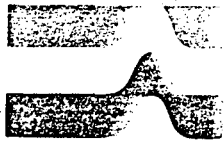
LIMEROCK BEARING RATIO



LIMEROCK BEARING RATIO TEST SUMMARY

SAMPLE DATE: February 4, 2000
DAMPLE LOCATION: South end of roadway
SOIL DESCRIPTION: Yellow to grayish-brown silty sand with clayey sand
MAXIMUM DRY DENSITY: 115.5 pcf
OPTIMUM MOISTURE CONTENT: 11.2 %
LIMEROCK BEARING RATIO VALUE: 60

 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
POST, BUCKLEY, SCHUH & JERNIGAN HARDEE COUNTY LANDFILL EXPANSION HARDEE COUNTY, FLORIDA			
DRAWN BY	KMS	CHECKED BY	PRM
FILE NO.	99-9485	DATE	3/10/00
APPROVED BY		FIGURE NO.	
		2	



Ardaman & Associates, Inc.

March 15, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Field In-Place Density Tests,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 18

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on February 22 and 23, 2000 to conduct field in-place density tests (ASTM D 2922) on the limerock base for the entrance road. The limerock thickness and width were measured at each density test location. Page 1 presents the test locations and results. The field density tests were compared to the maximum density of the limerock base as determined by a modified proctor test (ASTM D 1557) on a representative sample. Graphic representation of the moisture-density relationship is presented as Figure 1.

Based on these test results, the limerock base at the tested locations meets the specified degree of compaction of 95 percent modified Proctor as per project specifications.

The test locations were established by tape measurement from the roadway centerline as located by others. The degree of accuracy of test locations is that implied by the method of layout. The in-place density test results are representative of the limerock base at each respective test location and vertical reach at the time the tests were conducted.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

C. Alan Best
Technical Services Manager

PRM/CAB:ks
Enclosures
Client Copies: 3

P. Rodney Mark, P.E.
Project Engineer
Florida Registration No. 41986

C:\Y2KPROJECTS\99-9485 HARDEE COUNTY LANDFILL - PBS&JRPT 18

FIELD IN-PLACE DENSITY TEST RESULTS

PROJECT: HARDEE COUNTY LANDFILL
WAUCHULA, FLORIDA

FILE NO. 99-9485

DATE 3/15/00

CLIENT: POST, BUCKLEY, SCHUH & JERNIGAN

REPORT 18

PAGE NO. 1 OF 1

	LOCATION	TEST DATE	MDR NO.	DRY DENSITY (PCF)	MOISTURE (%)	THICKNESS (INCHES)	WIDTH (FEET)	DEPTH (FEET)	COMPACTION (%)
1	19' W OF CENTERLINE OF ENTRANCE ROAD ON CENTERLINE OF SOUTH ENTRANCE ROAD	2/22	7	113.9	14.0	6-1/2	44	LR -0.5	99.2
2	110' W OF CENTERLINE OF ENTRANCE ROAD 9.5' S OF CENTERLINE OF SOUTH ENTRANCE ROAD	2/22	7	113.1	12.4	7	24	LR -0.5	98.5
3	240' W OF CENTERLINE OF ENTRANCE ROAD 8' W OF CENTERLINE OF SOUTH ENTRANCE ROAD	2/22	7	112.7	12.5	6-1/2	24	LR -0.5	98.1
4	31' W OF CENTERLINE OF ENTRANCE ROAD 12' N OF CENTERLINE OF NORTH ENTRANCE ROAD	2/23	7	112.6	13.3	8-1/2	31	LR -0.5	98.1
5	158' W OF CENTERLINE OF ENTRANCE ROAD 9' S OF CENTERLINE OF NORTH ENTRANCE ROAD	2/23	7	112.8	12.6	7-1/4	24.5	LR -0.5	98.3
6	237' W OF CENTER OF ENTRANCE ROAD ON CENTERLINE OF NORTH ENTRANCE ROAD	2/23	7	112.9	12.4	7-1/2	31	LR -0.5	98.3
7									
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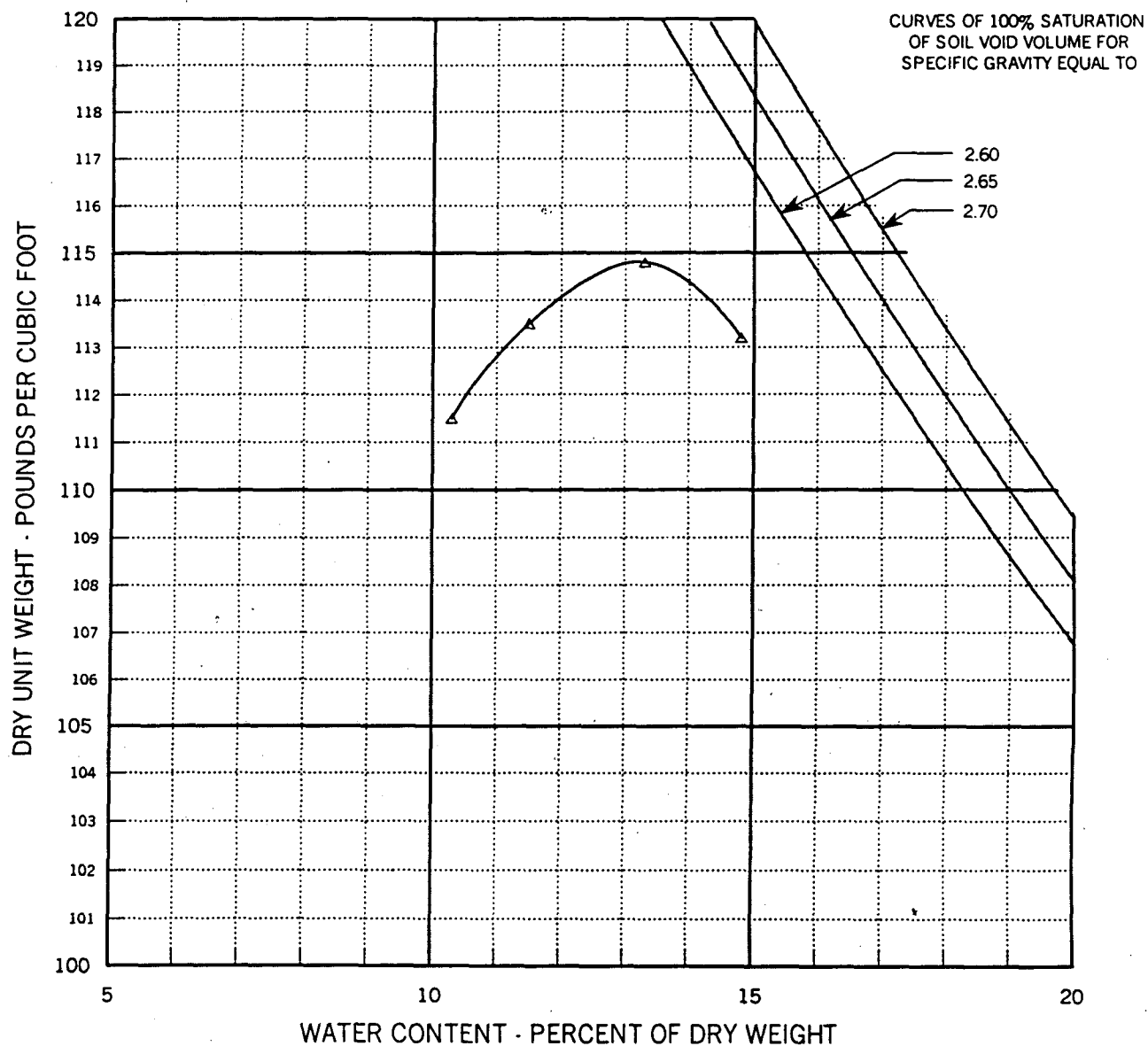
* IN-PLACE DENSITY TEST DOES NOT MEET MINIMUM COMPACTION REQUIREMENT OF 98 PERCENT

FIELD TEST METHOD: ASTM D 2937 ASTM D 2922 ☒ ASTM D 2167 ASTM D 1556

TEST METHOD	MAXIMUM DENSITY	OPTIMUM MOISTURE	
ASTM D 1557	114.8	PCF @ 13.3%	LR = LIMEROCK BASE



AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF THE CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.

MOISTURE - DENSITY RELATIONSHIP



LEGEND

Δ MDR CURVE #7

MDR NO.	DATE SAMPLED	TEST METHOD	MAXIMUM DRY DENSITY (PCF)	OPTIMUM WATER CONTENT (%)	SOIL DESCRIPTION	 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants	
7	2/17/00	ASTM D 1557	114.8	13.3	LIMEROCK BASE	POST BUCKLEY SCHUH & JERNIGAN HARDEE COUNTY LANDFILL WAUCHULA, FLORIDA	
DRAWN BY KMS						CHECKED BY: PRM	DATE 3/11/00
FILE NO. 99-9485						APPROVED BY: 	FIGURE NO. 1



Ardaman & Associates, Inc.

Geotechnical Engineering
Materials Investigation

March 15, 2000
File Number 99-54-9485

Mr. Jeff Wild, P.E.
Post, Buckley, Schuh, Jernigan, Inc.
1560 Orange Avenue, Suite 700
Winter Park, FL 32789

Subject: Asphalt Drilled Cores for Thickness and Width Measurement,
Hardee County Landfill Expansion, Hardee County, Florida

REPORT NUMBER 19

Dear Mr. Wild:

As requested by you, Ardaman and Associates, Inc. visited the subject site on March 10, 2000 to obtain drilled core specimens of the asphaltic concrete for thickness measurement. The width of the asphalt surface was measured at each core location. Listed below are the locations and results of those measurements.

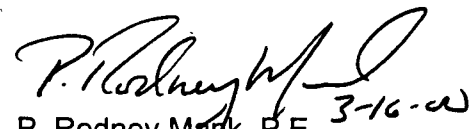
CORE NO.	LOCATION	WIDTH (FEET)	THICKNESS (INCHES)
1	44' W of centerline of existing entrance road 9' N of centerline of Northeast Entrance Road	24	2-3/8
2	244' W of centerline of existing entrance road 10' E of centerline of Northeast Entrance Road	30	2
3	58' W of centerline of existing entrance road 5.5' S of centerline of Southeast Entrance Road	24	2
4	258' W of centerline of existing entrance road 9' E of centerline of Southeast Entrance Road	29.7	2

The test locations were established by tape measurement from the roadway centerlines as referenced above. The degree of accuracy of the test locations is that implied by the method of layout. The width and thickness measurements are representative of the surficial asphalt layer at each test location at the time the measurements were obtained.

It has been a pleasure assisting you with this important phase of your project. If there are any questions or when we may be of further service, please contact us.

Sincerely,
ARDAMAN & ASSOCIATES, INC.


C. Alan Best
Technical Services Manager


P. Rodney Mark, P.E. 3-16-00
Project Engineer
Florida Registration No. 41986

PRM/CAB:ks
Enclosures
Client Copy: 3

C:\Y2K\PROJECTS\99-9485 HARDEE COUNTY LANDFILL - PBS&JRPT 19

COMPRESSIVE STRENGTH OF CONCRETE CYLINDER



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5		Air Content (percent): 1.5 - 4.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/18/00		Time Concrete Batched: 11:35 AM		Time Concrete Sampled: 12:25 PM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1312		Ticket Number: 8501695		Size of Load (C.Y.): 10		Weather Conditions: CLEAR & WARM		
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.						Extra Water Authorized By: CONTRACTOR		
	Slump (inches): 5-3/4		Air Temperature (° F): 71		Concrete Temperature (° F): 80		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): 3.5		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement:								
	TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. in.)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28	5.99	28.18	204,000	7,240	4	
5		02/15/00	28	5.99	28.18	190,000	6,740	4	
6		02/15/00	28	5.99	28.18	187,000	6,640	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>									

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E. 2-18-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000
FILE NO.: 99-9485

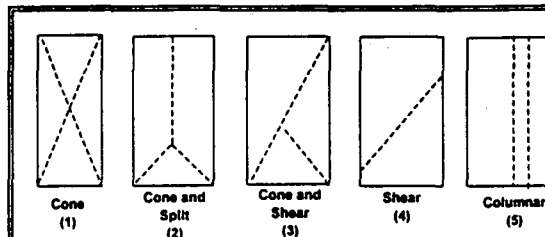
COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill
LOCATION: Wauchula, FL
CLIENT: Post, Buckley, Schuh & Jernigan
CONCRETE SUPPLIER: Singletary

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other			
FIELD and LAB DATA	Date: 01/18/00	Time Concrete Batched: 11:35 AM	Time Concrete Sampled: 12:25 PM	Sampled By: D. PEMBLE
	Concrete Truck No: 1312	Ticket Number: 8501695	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & WARM
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR
	Slump (inches): 5-3/4	Air Temperature (° F): 71	Concrete Temperature (° F): 80	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement: TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28	5.99	28.18	204,000	7,240	4	
5		02/15/00	28	5.99	28.18	190,000	6,740	4	
6		02/15/00	28	5.99	28.18	187,000	6,640	4	

REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory



Florida Registration No. 41986

By:

P. RODNEY MANK/P.E. 2-18-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days		Slump (inches): 5		Air Content (percent): 1.5 - 4.5				
	124001 Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/17/00		Time Concrete Batched: 6:52 AM		Time Concrete Sampled: 8:16 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1046		Ticket Number: 8403227		Size of Load (C.Y.): 10		Weather Conditions: CLEAR & COOL		
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 15 Gal. To 10 C.Y.						Extra Water Authorized By: CONTRACTOR		
	Slump (inches): 5		Air Temperature (° F): 48		Concrete Temperature (° F): 63		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): 4.0		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement:								
	TANK NO. 1 SLAB / FOOTING: 10' E & 5' S OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL - 3									
1	1/18/00	01/24/00	7	5.98	28.09	135,500	4,820	3	
2		01/24/00	7	5.98	28.09	133,500	4,750	3	
3		01/24/00	7	5.98	28.09	132,000	4,700	3	
4		02/14/00	28	5.99	28.18	177,000	6,280	4	
5		02/14/00	28	5.99	28.18	187,000	6,640	4	
6		02/14/00	28	5.99	28.18	170,000	6,030	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E.

2-18-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill	
LOCATION: Wauchula, FL	
CLIENT: Post, Buckley, Schuh & Jernigan	
CONCRETE SUPPLIER: Singletary	

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other			

FIELD and LAB DATA	Date: 01/18/00	Time Concrete Batched: 11:35 AM	Time Concrete Sampled: 12:25 PM	Sampled By: D. PEMBLE
	Concrete Truck No: 1312	Ticket Number: 8501695	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & WARM
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR
	Slump (inches): 5-3/4	Air Temperature (°F): 71	Concrete Temperature (°F): 80	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:			
	TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. in.)				
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28	5.99	28.18	204,000	7,240	4	
5		02/15/00	28	5.99	28.18	190,000	6,740	4	
6		02/15/00	28	5.99	28.18	187,000	6,640	4	

REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory

Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E. 2-18-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 5		Air Content (percent): 1.5 - 4.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/17/00		Time Concrete Batched: 6:52 AM		Time Concrete Sampled: 8:16 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1046		Ticket Number: 8403227		Size of Load (C.Y.): 10		Weather Conditions: CLEAR & COOL		
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 15 Gal. To 10 C.Y.						Extra Water Authorized By: CONTRACTOR		
	Slump (inches): 5		Air Temperature (° F): 48		Concrete Temperature (° F): 63		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): 4.0		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement:								
	TANK NO. 1 SLAB / FOOTING: 10' E & 5' S OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL - 3									
1	1/18/00	01/24/00	7	5.98	28.09	135,500	4,820	3	
2		01/24/00	7	5.98	28.09	133,500	4,750	3	
3		01/24/00	7	5.98	28.09	132,000	4,700	3	
4		02/14/00	28	5.99	28.18	177,000	6,280	4	
5		02/14/00	28	5.99	28.18	187,000	6,640	4	
6		02/14/00	28	5.99	28.18	170,000	6,030	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E. 2-18-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/16/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days	Slump (inches): 5	Air Content (percent): 1.5 - 4.5						
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/17/00	Time Concrete Batched: 6:52 AM	Time Concrete Sampled: 8:16 AM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1046	Ticket Number: 8403227	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & COOL					
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 15 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR					
	Slump (inches): 5	Air Temperature (° F): 48	Concrete Temperature (° F): 63	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 4.0	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	TANK NO. 1 SLAB / FOOTING: 10' E & 5' S OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL - 3									
1	1/18/00	01/24/00	7	5.98	28.09	135,500	4,820	3	
2		01/24/00	7	5.98	28.09	133,500	4,750	3	
3		01/24/00	7	5.98	28.09	132,000	4,700	3	
4		02/14/00	28	5.99	28.18	177,000	6,280	4	
5		02/14/00	28	5.99	28.18	187,000	6,640	4	
6		02/14/00	28	5.99	28.18	170,000	6,030	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E. 2-18-00



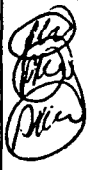



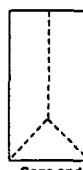
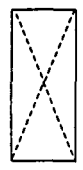
ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000


FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 9:30 AM	Time Concrete Sampled: 10:58 AM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1310	Ticket Number: 8501641	Size of Load (C.Y.): 10	Weather Conditions: P.C. & WARM					
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.			Extra Water Authorized By:					
	Slump (inches): 5-1/2	Air Temperature (° F): 78	Concrete Temperature (° F): 78	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 4.0	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	LEACHATE STORAGE TANK NO. 2 SLAB / FOOTING - 10' E & 1' N OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-1									
1	1/11/00	01/17/00	7	5.98	28.09	102,500	3,650	4	
2		01/17/00	7	5.98	28.09	95,000	3,380	4	
3		01/17/00	7	5.98	28.09	98,500	3,510	4	
4		02/07/00	28						
5		02/07/00	28						
6		02/07/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:


P. RODNEY MARK, P.E. 1-21-00



FILE NUMBER: 99-9485

CONCRETE DATA RECORD

PROJECT:	Hardee County Landfill
LOCATION:	Wauchula, Florida
CLIENT:	Post, Buckely, Schuh & Jernigan
CONCRETE SUPPLIER	Singeltary

[illegible]

Florida Registration No.: 41986

By:

P. Rodney Mank, P.E. 1-21-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM	Time Concrete Sampled: 3:55 PM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1310	Ticket Number: 8501650	Size of Load (C.Y.): 5	Weather Conditions: P.C. & WARM					
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.			Extra Water Authorized By: CONTRACTOR					
	Slump (inches): 5	Air Temperature (° F): 82	Concrete Temperature (° F): 83	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement: 1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)	
HCL-2									
1	1/11/00	01/17/00	7	5.98	28.09	100,000	3,560	4	
2		01/17/00	7	5.98	28.09	101,000	3,600	4	
3		01/17/00	7	5.98	28.09	99,500	3,540	4	
4		02/07/00	28						
5		02/07/00	28						
6		02/07/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E.



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill								
LOCATION: Wauchula, FL								
CLIENT: Post, Buckley, Schuh & Jernigan								
CONCRETE SUPPLIER: Singletary								
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other							
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 9:30 AM	Time Concrete Sampled: 10:58 AM	Sampled By: D. PEMBLE				
	Concrete Truck No: 1310	Ticket Number: 8501641	Size of Load (C.Y.): 10	Weather Conditions: P.C. & WARM				
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.			Extra Water Authorized By:				
	Slump (inches): 5-1/2	Air Temperature (° F): 78	Concrete Temperature (° F): 78	Wet Weight (P.C.F.): N/A				
	Air Content (% by Vol): 4.0	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Location of Concrete Placement:							
	LEACHATE STORAGE TANK NO. 2							
	SLAB / FOOTING - 10' E & 1' N OF CENTER							
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-1								
1	1/11/00	01/17/00	7	5.98 28.09	102,500	3,650	4	
2		01/17/00	7	5.98 28.09	95,000	3,380	4	
3		01/17/00	7	5.98 28.09	98,500	3,510	4	
4		02/07/00	28					
5		02/07/00	28					
6		02/07/00	28					
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory								

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E.

1-21-00



FILE NUMBER: 99-9485

CONCRETE DATA RECORD

PROJECT:	Hardee County Landfill
LOCATION:	Wauchula, Florida
CLIENT:	Post, Buckely, Schuh & Jernigan
CONCRETE SUPPLIER	Singeltary

[illegible]

Florida Registration No.: 41986

By:

P. Rodney Mark, P.E. / -21-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000

FILE NO.: 99-9485

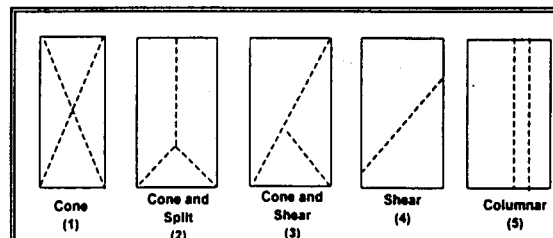
COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill
LOCATION: Wauchula, FL
CLIENT: Post, Buckley, Schuh & Jernigan
CONCRETE SUPPLIER: Singletary

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other			
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM	Time Concrete Sampled: 3:55 PM	Sampled By: D. PEMBLE
	Concrete Truck No: 1310	Ticket Number: 8501650	Size of Load (C.Y.): 5	Weather Conditions: P.C. & WARM
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.			Extra Water Authorized By: CONTRACTOR
	Slump (inches): 5	Air Temperature (° F): 82	Concrete Temperature (° F): 83	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:			
	1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL-2									
1	1/11/00	01/17/00	7	5.98	28.09	100,000	3,560	4	
2		01/17/00	7	5.98	28.09	101,000	3,600	4	
3		01/17/00	7	5.98	28.09	99,500	3,540	4	
4		02/07/00	28						
5		02/07/00	28						
6		02/07/00	28						

REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory



Florida Registration No. 41986

By:

P. RODNEY MARK, P.E. 1-21-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days	Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5						
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 9:30 AM	Time Concrete Sampled: 10:58 AM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1310	Ticket Number: 8501641	Size of Load (C.Y.): 10	Weather Conditions: P.C. & WARM					
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.			Extra Water Authorized By:					
	Slump (inches): 5-1/2	Air Temperature (° F): 78	Concrete Temperature (° F): 78	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 4.0	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	LEACHATE STORAGE TANK NO. 2								
	SLAB / FOOTING - 10' E & 1' N OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)	
HCL-1	1/11/00	01/17/00	7	5.98	28.09	102,500	3,650	4	
1		01/17/00	7	5.98	28.09	95,000	3,380	4	
2		01/17/00	7	5.98	28.09	98,500	3,510	4	
3		02/07/00	28						
4		02/07/00	28						
5		02/07/00	28						
6									
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>									

Florida Registration No. 41986

By:

P. RODNEY MANN, P.E. 1-21-00



FILE NUMBER: 99-9485

CONCRETE DATA RECORD

PROJECT:	Hardee County Landfill
LOCATION:	Wauchula, Florida
CLIENT:	Post, Buckely, Schuh & Jernigan
CONCRETE SUPPLIER	Singeltary

[illegible]

Florida Registration No.: 41986

By:

P. Rodney Mark, P.E. 1-21-00




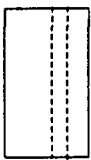
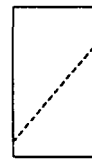


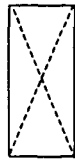
ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/17/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill								
LOCATION: Wauchula, FL								
CLIENT: Post, Buckley, Schuh & Jernigan								
CONCRETE SUPPLIER: Singletary								
DESIGN DATA	Specified Strength: 4000 psi @ 28 days	Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other							
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM	Time Concrete Sampled: 3:55 PM	Sampled By: D. PEMBLE				
	Concrete Truck No: 1310	Ticket Number: 8501650	Size of Load (C.Y.): 5	Weather Conditions: P.C. & WARM				
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.			Extra Water Authorized By: CONTRACTOR				
	Slump (inches): 5	Air Temperature (°F): 82	Concrete Temperature (°F): 83	Wet Weight (P.C.F.): N/A				
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Location of Concrete Placement: 1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building							
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-2								
1	1/11/00	01/17/00	7	5.98 28.09	100,000	3,560	4	
2		01/17/00	7	5.98 28.09	101,000	3,600	4	
3		01/17/00	7	5.98 28.09	99,500	3,540	4	
4		02/07/00	28					
5		02/07/00	28					
6		02/07/00	28					
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory								
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>								

Florida Registration No. 41986

By:


P. RODNEY MARK, P.E.

1-21-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000
FILE NO.: 99-9485

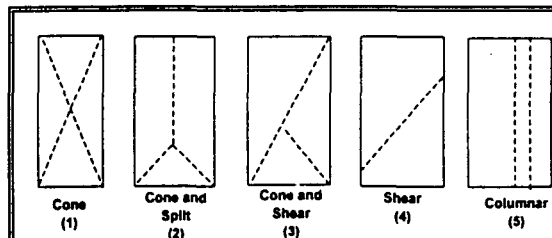
COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill
LOCATION: Wauchula, FL
CLIENT: Post, Buckley, Schuh & Jernigan
CONCRETE SUPPLIER: Singletary

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other			
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 9:30 AM	Time Concrete Sampled: 10:58 AM	Sampled By: D. PEMBLE
	Concrete Truck No: 1310	Ticket Number: 8501641	Size of Load (C.Y.): 10	Weather Conditions: P.C. & WARM
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.			Extra Water Authorized By:
	Slump (inches): 5-1/2	Air Temperature (° F): 78	Concrete Temperature (° F): 78	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 4.0	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement: LEACHATE STORAGE TANK NO. 2 SLAB / FOOTING - 10' E & 1' N OF CENTER			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL-1									
1	1/11/00	01/17/00	7	5.98	28.09	102,500	3,650	4	
2		01/17/00	7	5.98	28.09	95,000	3,380	4	
3		01/17/00	7	5.98	28.09	98,500	3,510	4	
4		02/07/00	28	6.00	28.27	145,000	5,130	4	
5		02/07/00	28	6.00	28.27	147,500	5,220	4	
6		02/07/00	28	6.00	28.27	139,000	4,920	4	

REMARKS: *Concrete Test Specimen Cured In Accordance with ASTM C-31 After being Received in Laboratory



Florida Registration No. 41986

By:
P. RODNEY MANK, P.E. 2-8-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000

FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill
LOCATION: Wauchula, FL
CLIENT: Post, Buckley, Schuh & Jernigan
CONCRETE SUPPLIER: Singletary

DESIGN DATA	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5		Air Content (percent): 3.5 - 6.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunita <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM		Time Concrete Sampled: 3:55 PM		Sampled By: D. PEMBLE			
	Concrete Truck No: 1310	Ticket Number: 8501650		Size of Load (C.Y.): 5		Weather Conditions: P.C. & WARM			
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.					Extra Water Authorized By: CONTRACTOR			
	Slump (inches): 5	Air Temperature (° F): 82		Concrete Temperature (° F): 83		Wet Weight (P.C.F.): N/A			
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Location of Concrete Placement:								
	1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-2									
1	1/11/00	01/17/00	7	5.98	28.09	100,000	3,560	4	
2		01/17/00	7	5.98	28.09	101,000	3,600	4	
3		01/17/00	7	5.98	28.09	99,500	3,540	4	
4		02/07/00	28	6.00	28.27	152,000	5,380	4	
5		02/07/00	28	6.00	28.27	151,000	5,340	4	
6		02/07/00	28	6.00	28.27	151,000	5,340	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"></div>									

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E. 2-8-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5		Air Content (percent): 3.5 - 6.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00		Time Concrete Batched: 9:30 AM		Time Concrete Sampled: 10:58 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1310		Ticket Number: 8501641		Size of Load (C.Y.): 10		Weather Conditions: P.C. & WARM		
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.						Extra Water Authorized By:		
	Slump (inches): 5-1/2		Air Temperature (° F): 78		Concrete Temperature (° F): 78		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): 4.0		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement: LEACHATE STORAGE TANK NO. 2 SLAB / FOOTING - 10' E & 1' N OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-1									
1	1/11/00	01/17/00	7	5.98	28.09	102,500	3,650	4	
2		01/17/00	7	5.98	28.09	95,000	3,380	4	
3		01/17/00	7	5.98	28.09	98,500	3,510	4	
4		02/07/00	28	6.00	28.27	145,000	5,130	4	
5		02/07/00	28	6.00	28.27	147,500	5,220	4	
6		02/07/00	28	6.00	28.27	139,000	4,920	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E. 2-9-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill	
LOCATION: Wauchula, FL	
CLIENT: Post, Buckley, Schuh & Jernigan	
CONCRETE SUPPLIER: Singletary	

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other			

FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM	Time Concrete Sampled: 3:55 PM	Sampled By: D. PEMBLE
	Concrete Truck No: 1310	Ticket Number: 8501650	Size of Load (C.Y.): 5	Weather Conditions: P.C. & WARM
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.			Extra Water Authorized By: CONTRACTOR
	Slump (inches): 5	Air Temperature (° F): 82	Concrete Temperature (° F): 83	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:			
	1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL-2									
1	1/11/00	01/17/00	7	5.98	28.09	100,000	3,560	4	
2		01/17/00	7	5.98	28.09	101,000	3,600	4	
3		01/17/00	7	5.98	28.09	99,500	3,540	4	
4		02/07/00	28	6.00	28.27	152,000	5,380	4	
5		02/07/00	28	6.00	28.27	151,000	5,340	4	
6		02/07/00	28	6.00	28.27	151,000	5,340	4	

REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received In Laboratory

Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E. 2-8-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill LOCATION: Wauchula, FL CLIENT: Post, Buckley, Schuh & Jernigan CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days					Slump (inches): 3 - 5		Air Content (percent): 3.5 - 6.5	
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/10/00		Time Concrete Batched: 9:30 AM		Time Concrete Sampled: 10:58 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1310		Ticket Number: 8501641		Size of Load (C.Y.): 10		Weather Conditions: P.C. & WARM		
	Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: Gal. To C.Y.							Extra Water Authorized By:	
	Slump (inches): 5-1/2		Air Temperature (° F): 78		Concrete Temperature (° F): 78		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): 4.0		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Location of Concrete Placement:								
	LEACHATE STORAGE TANK NO. 2 SLAB / FOOTING - 10' E & 1' N OF CENTER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL-1									
1	1/11/00	01/17/00	7	5.98	28.09	102,500	3,650	4	
2		01/17/00	7	5.98	28.09	95,000	3,380	4	
3		01/17/00	7	5.98	28.09	98,500	3,510	4	
4		02/07/00	28	6.00	28.27	145,000	5,130	4	
5		02/07/00	28	6.00	28.27	147,500	5,220	4	
6		02/07/00	28	6.00	28.27	139,000	4,920	4	
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									

Florida Registration No. 41986

By:
P. RODNEY MANN, P.E. 2-8-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 2/7/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill	
LOCATION: Wauchula, FL	
CLIENT: Post, Buckley, Schuh & Jernigan	
CONCRETE SUPPLIER: Singletary	

DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days	Slump (inches): 3 - 5	Air Content (percent): 3.5 - 6.5
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other		

FIELD and LAB DATA	Date: 01/10/00	Time Concrete Batched: 3:15 PM	Time Concrete Sampled: 3:55 PM	Sampled By: D. PEMBLE
	Concrete Truck No: 1310	Ticket Number: 8501650	Size of Load (C.Y.): 5	Weather Conditions: P.C. & WARM
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 10 Gal. To 5 C.Y.			Extra Water Authorized By: CONTRACTOR
	Slump (inches): 5	Air Temperature (° F): 82	Concrete Temperature (° F): 83	Wet Weight (P.C.F.): N/A
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:			
	1.5' square Column Pier - 6'-10" tall between equipment pad and truck loading building			

Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL-2									
1	1/11/00	01/17/00	7	5.98	28.09	100,000	3,560	4	
2		01/17/00	7	5.98	28.09	101,000	3,600	4	
3		01/17/00	7	5.98	28.09	99,500	3,540	4	
4		02/07/00	28	6.00	28.27	152,000	5,380	4	
5		02/07/00	28	6.00	28.27	151,000	5,340	4	
6		02/07/00	28	6.00	28.27	151,000	5,340	4	

REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory

Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)

Florida Registration No. 41986

By:

P. RODNEY MARK, R.E. 2-8-00


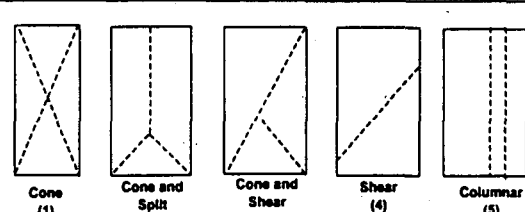


ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



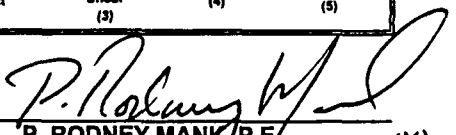
DATE: 1/26/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5					
	124001 Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/18/00	Time Concrete Batched: 11:35 AM	Time Concrete Sampled: 12:25 PM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1312	Ticket Number: 8501695	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & WARM					
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR					
	Slump (inches): 5-3/4	Air Temperature (°F): 71	Concrete Temperature (°F): 80	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)	
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28						
5		02/15/00	28						
6		02/15/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
									

Florida Registration No. 41986

By:


P. RODNEY MANK, P.E. 1-26-00



DATE: 1/26/2000
FILE NUMBER: 99-9485

CONCRETE DATA RECORD

PROJECT: Hardee County Landfill
LOCATION: Wauchula, Florida
CLIENT: Post, Buckely, Schuh & Jernigan
CONCRETE SUPPLIER Singeltary

[illegible]

Florida Registration No.: 41986

By:

P. Rodney Mank, P.E. 1-26.00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/26/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/18/00	Time Concrete Batched: 11:35 AM	Time Concrete Sampled: 12:25 PM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1312	Ticket Number: 8501695	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & WARM					
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR					
	Slump (inches): 5-3/4	Air Temperature (°F): 71	Concrete Temperature (°F): 80	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)	
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28						
5		02/15/00	28						
6		02/15/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>									

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E. 1-26-00



DATE: 1/26/2000
FILE NUMBER: 99-9485

CONCRETE DATA RECORD

PROJECT:	Hardee County Landfill
LOCATION:	Wauchula, Florida
CLIENT:	Post, Buckely, Schuh & Jernigan
CONCRETE SUPPLIER	Singeltary

[illegible]

Florida Registration No.: 41986

By:

P. Rodney Mank, P.E. 1-21-00



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/26/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days	Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5						
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/18/00	Time Concrete Batched: 11:35 AM	Time Concrete Sampled: 12:25 PM	Sampled By: D. PEMBLE					
	Concrete Truck No: 1312	Ticket Number: 8501695	Size of Load (C.Y.): 10	Weather Conditions: CLEAR & WARM					
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR					
	Slump (inches): 5-3/4	Air Temperature (°F): 71	Concrete Temperature (°F): 80	Wet Weight (P.C.F.): N/A					
	Air Content (% by Vol): 3.5	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Location of Concrete Placement:								
	TANK LOADING BUILDING SLAB - 25' N & 8' E OF SW CORNER								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)	
HCL - 4									
1	1/19/00	01/25/00	7	5.99	28.18	143,000	5,070	4	
2		01/25/00	7	5.99	28.18	142,500	5,060	4	
3		01/25/00	7	5.99	28.18	140,000	4,970	4	
4		02/15/00	28						
5		02/15/00	28						
6		02/15/00	28						
REMARKS: *Concrete Test Specimen Cured In Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>									

Florida Registration No. 41986

By:

P. RODNEY MARK/P.E.

1-26-00



AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/28/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA	Specified Strength: 4000 psi @ 28 days					Slump (inches): 3 - 5		Air Content (percent): 1.5 - 4.5	
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/20/00		Time Concrete Batched: 9:55 AM		Time Concrete Sampled: 10:52 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1306		Ticket Number: 8501703		Size of Load (C.Y.): 10		Weather Conditions: P.C. & WARM		
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.						Extra Water Authorized By: CONTRACTOR		
	Slump (inches): 5-1/2		Air Temperature (° F): 74		Concrete Temperature (° F): 76		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): N/A		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement:								
	PUMP BUILDING FLOOR SLAB FOOTING								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
				Diameter (in.)	Area (sq. i)				
HCL - 5									
1	1/21/00	01/27/00	7	6.00	28.27	129,000	4,560	4	
2		01/27/00	7	6.00	28.27	132,000	4,670	4	
3		01/27/00	7	6.00	28.27	126,000	4,460	4	
4		02/17/00	28						
5		02/17/00	28						
6		02/17/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="text-align: center;"> Cone (1) Cone and Split (2) Cone and Shear (3) Shear (4) Columnar (5)</div>									

Florida Registration No. 41986

By:

P. RODNEY MANK, P.E.



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/28/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill								
LOCATION: Wauchula, FL								
CLIENT: Post, Buckley, Schuh & Jernigan								
CONCRETE SUPPLIER: Singletary								
DESIGN DATA	Specified Strength: 4000 psi @ 28 days	Slump (inches): 3 - 5	Air Content (percent): 1.5 - 4.5					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other							
FIELD and LAB DATA	Date: 01/20/00	Time Concrete Batched: 9:55 AM	Time Concrete Sampled: 10:52 AM	Sampled By: D. PEMBLE				
	Concrete Truck No: 1306	Ticket Number: 8501703	Size of Load (C.Y.): 10	Weather Conditions: P.C. & WARM				
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.			Extra Water Authorized By: CONTRACTOR				
	Slump (inches): 5-1/2	Air Temperature (°F): 74	Concrete Temperature (°F): 76	Wet Weight (P.C.F.): N/A				
	Air Content (% by Vol): N/A	Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Location of Concrete Placement:							
	PUMP BUILDING FLOOR SLAB FOOTING							
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. in.)	Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL - 5								
1	1/21/00	01/27/00	7	6.00 28.27	129,000	4,560	4	
2		01/27/00	7	6.00 28.27	132,000	4,670	4	
3		01/27/00	7	6.00 28.27	126,000	4,460	4	
4		02/17/00	28					
5		02/17/00	28					
6		02/17/00	28					
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory								
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>								

Florida Registration No. 41986

By:

P. RODNEY MARK/P.E. 2-1-a



ARDAMAN & ASSOCIATES, INC.
1525 CENTENNIAL DRIVE
BARTOW, FLORIDA 33830
(863) 533-0858, FAX (863) 533-7325



DATE: 1/28/2000
FILE NO.: 99-9485

COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

PROJECT: Hardee County Landfill									
LOCATION: Wauchula, FL									
CLIENT: Post, Buckley, Schuh & Jernigan									
CONCRETE SUPPLIER: Singletary									
DESIGN DATA 124001	Specified Strength: 4000 psi @ 28 days		Slump (inches): 3 - 5		Air Content (percent): 1.5 - 4.5				
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Gunite <input type="checkbox"/> Grout <input checked="" type="checkbox"/> Transit Mixed <input type="checkbox"/> Pumped Mixed <input type="checkbox"/> Other								
FIELD and LAB DATA	Date: 01/20/00		Time Concrete Batched: 9:55 AM		Time Concrete Sampled: 10:52 AM		Sampled By: D. PEMBLE		
	Concrete Truck No: 1306		Ticket Number: 8501703		Size of Load (C.Y.): 10		Weather Conditions: P.C. & WARM		
	Water Added at Job Site: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: 5 Gal. To 10 C.Y.						Extra Water Authorized By: CONTRACTOR		
	Slump (inches): 5-1/2		Air Temperature (° F): 74		Concrete Temperature (° F): 76		Wet Weight (P.C.F.): N/A		
	Air Content (% by Vol): N/A		Molded and Cured* to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	Location of Concrete Placement:								
	PUMP BUILDING FLOOR SLAB FOOTING								
Set No.	Date Received In Lab	Date Tested	Age (days)	Test Specimen Size Diameter (in.) Area (sq. i)		Total Load Applied (lbs)	Test Strength (psi)	Type of Fracture	Specimen Weight (Air Dry-lbs)
HCL - 5									
1	1/21/00	01/27/00	7	6.00	28.27	129,000	4,560	4	
2		01/27/00	7	6.00	28.27	132,000	4,670	4	
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4		02/17/00	28						
5		02/17/00	28						
6		02/17/00	28						
REMARKS: *Concrete Test Specimen Cured in Accordance with ASTM C-31 After being Received in Laboratory									
<div style="display: flex; justify-content: space-around; align-items: center;"><div> Cone (1)</div><div> Cone and Split (2)</div><div> Cone and Shear (3)</div><div> Shear (4)</div><div> Columnar (5)</div></div>									

Florida Registration No. 41986

By:

P. RODNEY MARK, P.E.

RECEIVED
JUL 28 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

SECTION 2.3

LINER GRADE RECORD DRAWING

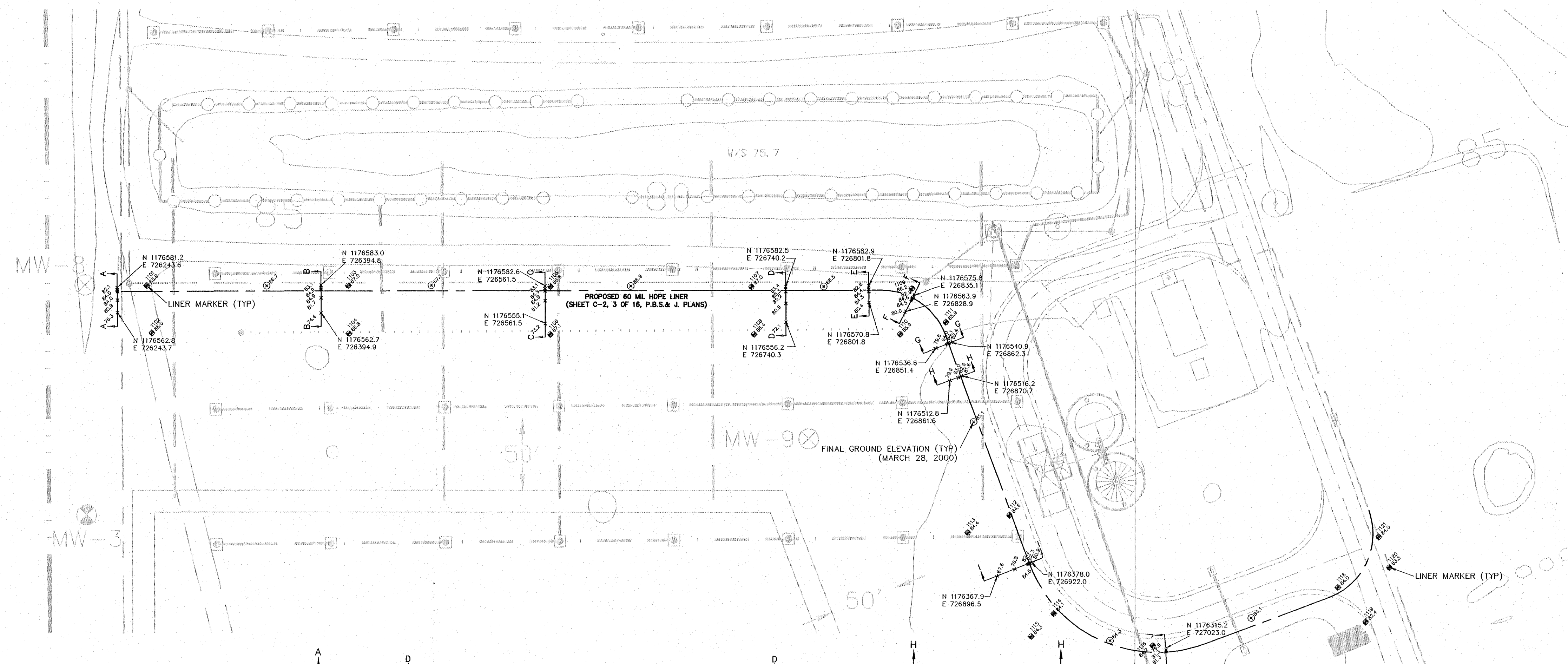
1073535 ①

engineers - architects - surveyors - scientists

chastain
skilman
INCORPORATED

Lakeland
Sebring
Tampa

Lakeland : 2705 Old Highway 37, P.O. Box 570 (889) 646-1402
Sebring : 2705 Old Highway 37, P.O. Box 1281 (889) 385-4160
Tampa : 4508 Oak Fair Boulevard, Suite 101 (813) 621-9229



GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

RECORD DRAWING OF EARTH WORK ACTIVITIES FOR THE PROPOSED
60 MIL HDPE GEOMEMBRANE AT THE HARDEE COUNTY LANDFILL
BEING IN SECTION 35, TOWNSHIP 33 SOUTH,
RANGE 25 EAST, HARDEE COUNTY, FLORIDA

SCALE 1" = 50'

LOCATION OF LINER MARKERS

POINT	NORTHING	EASTING	ELEVATION
1101	1176582.5	726265.5	86.0
1102	1176547.9	726269.1	86.0
1103	1176582.6	726415.0	87.0
1104	1176547.5	726415.3	86.8
1105	1176582.2	726565.4	86.7
1106	1176547.0	726565.1	87.1
1107	1176582.1	726714.7	87.0
1108	1176547.3	726716.5	86.4
1109	1176581.0	726833.8	86.3
1110	1176547.3	726824.9	85.9
1111	1176555.9	726855.5	85.9
1112	1176413.0	726905.8	84.6
1113	1176400.1	726874.8	84.4
1114	1176340.6	726939.5	84.1
1115	1176323.8	726922.1	84.3
1116	1176317.2	727013.3	84.2
1117	1176282.0	727012.8	83.8
1118	1176359.9	727150.8	84.0
1119	1176334.6	727171.4	82.4
1120	1176374.6	727188.9	83.5
1121	1176397.2	727181.1	84.0

LEGEND

P.B.S. & J. - POST, BUCKLEY, SCHUH & JERNIGAN, INC.
HDPE - HIGH DENSITY POLY-ETHYLENE
TYP - TYPICAL

SURVEYOR'S NOTES

THIS IS NOT A BOUNDARY SURVEY.

THE BASE PLAN AS SHOWN HEREON (LIGHT SHADING) WAS DERIVED FROM THE CONSTRUCTION PLANS FOR THE HARDEE COUNTY LANDFILL LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY (FEBRUARY 1999) PROVIDED BY POST, BUCHLEY, SCHUH & JERNIGAN, INC. IN ELECTRONIC FORMAT (JOB NUMBER 07-862.35).

COORDINATES AND ELEVATIONS SHOWN HEREON WERE BASED ON INFORMATION PROVIDED BY AIM ENGINEERING AND SURVEYING, INC. FOR THE DESIGN BY P.B.S. & J. IN THE ABOVE REFERENCED PLANS.

ELEVATIONS AS SHOWN ARE TO CURRENT GROUND AS OF THE DATE OF SURVEY. 60 MIL HDPE LINER NOT CONSTRUCTED AS OF THIS DATE.

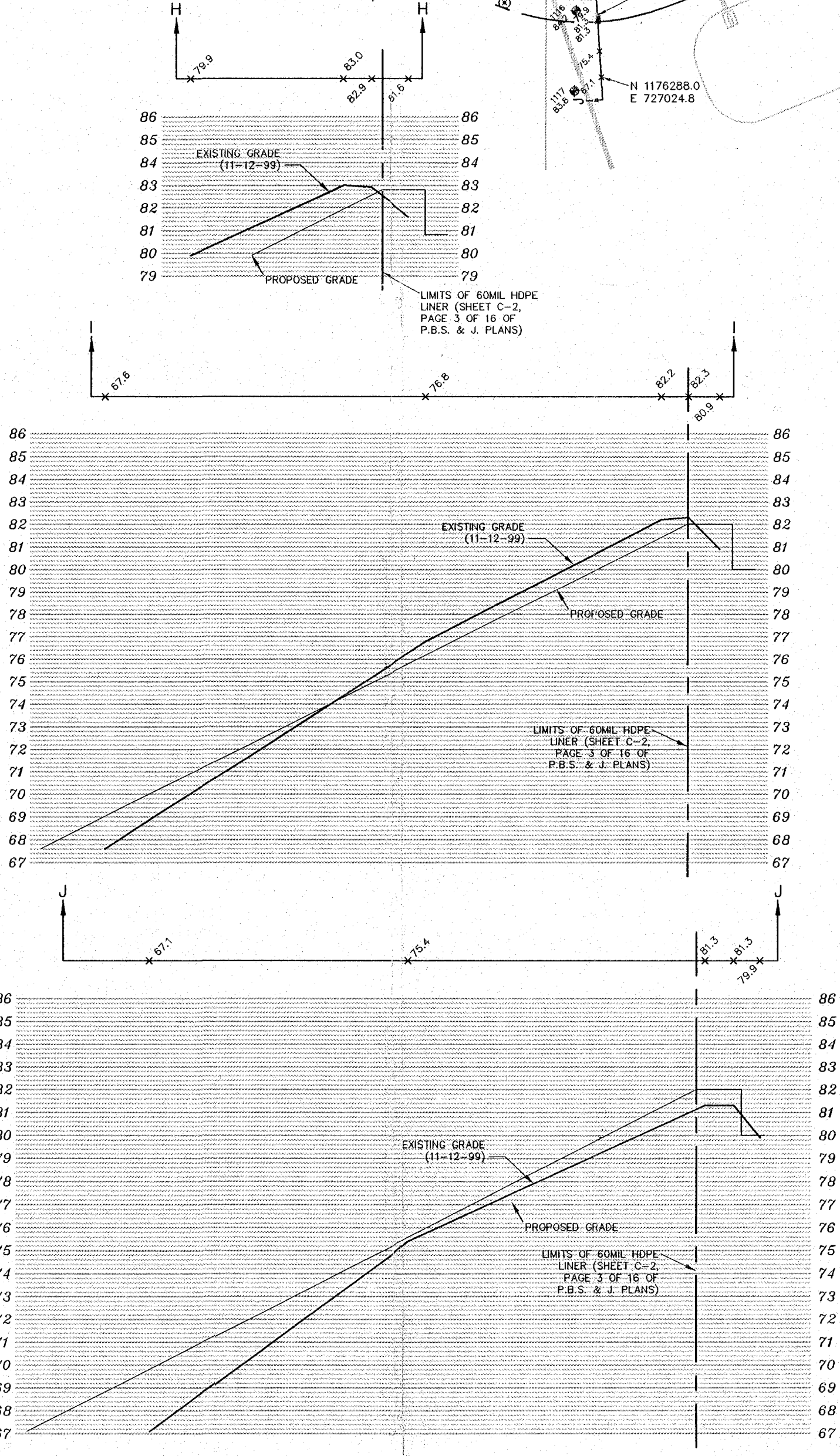
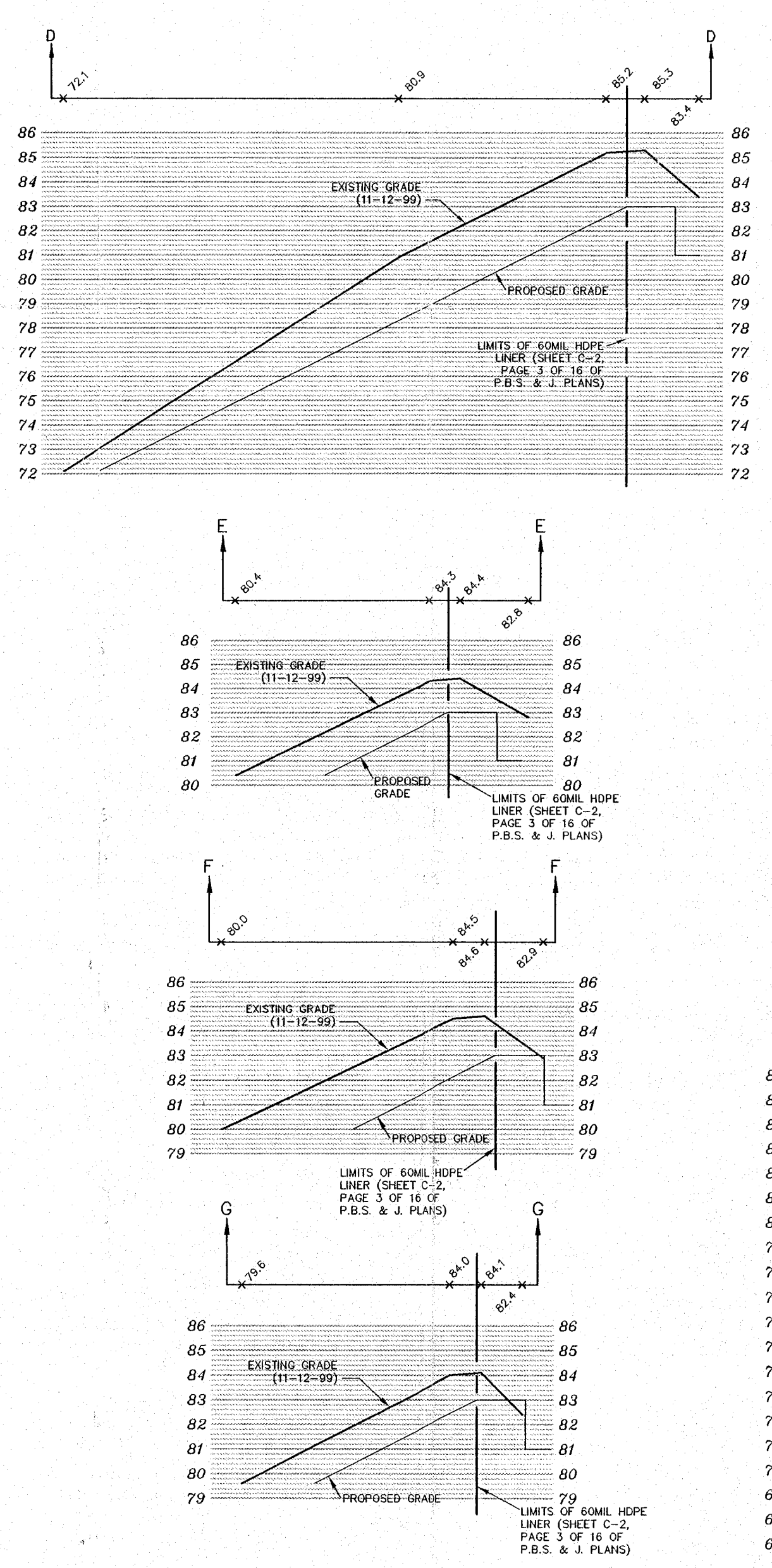
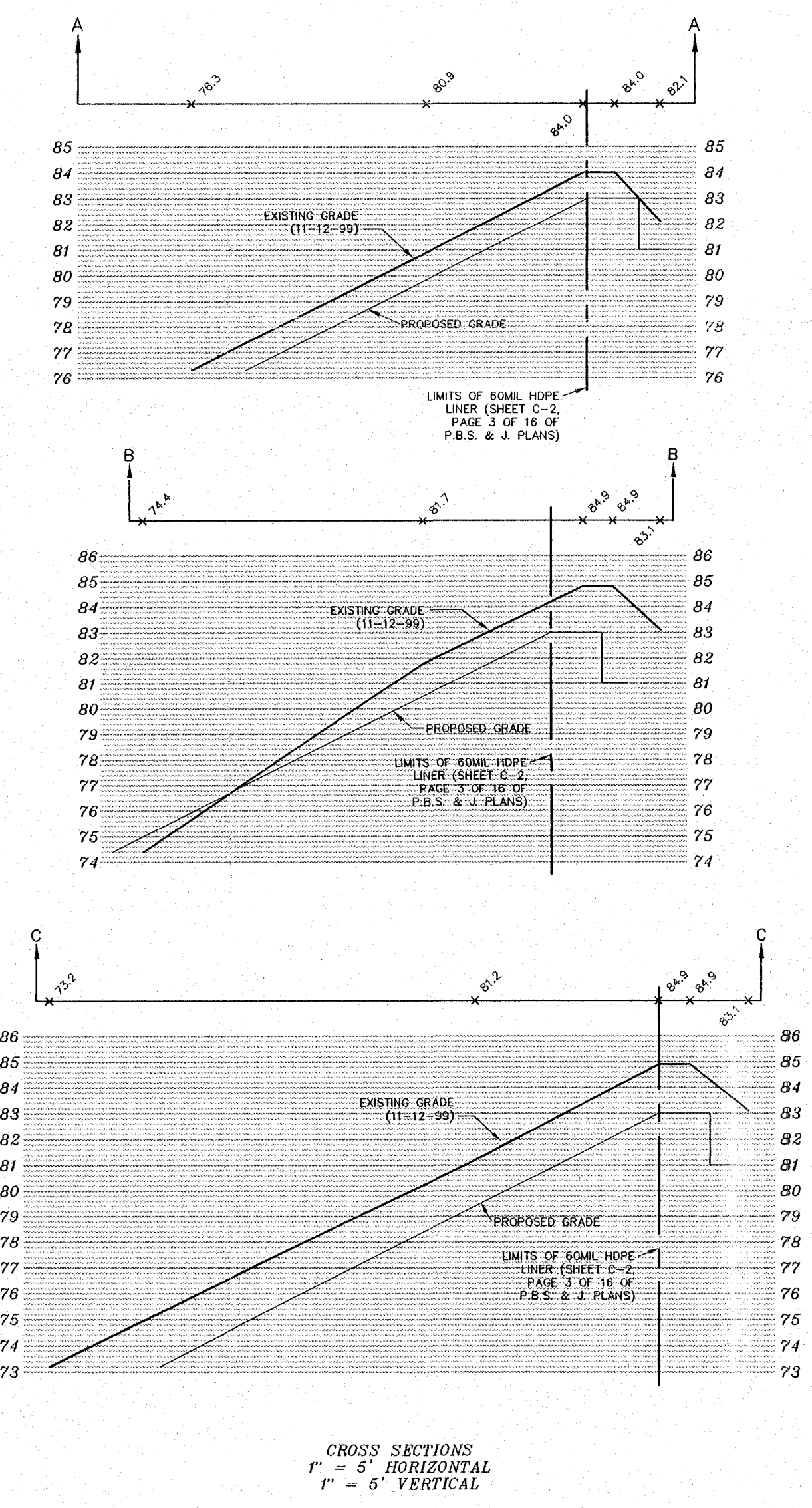
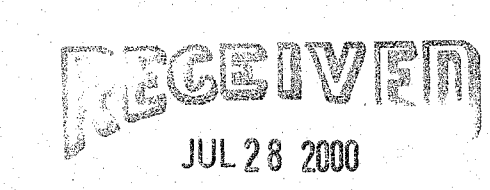
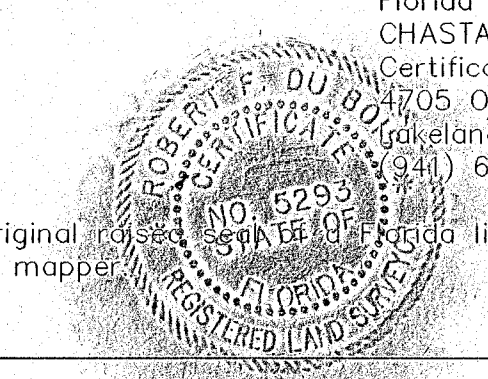
CERTIFICATION

I hereby certify that this drawing correctly reflects the results of a recent survey made under my direction and this survey was made in accordance with minimum technical standards adopted by the State of Florida Department of Business and Professional Regulation, Board of Professional Surveyors and Mappers, Chapter 61G17-6 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

DATE OF SURVEY

March 28, 2000

Not valid without the signature and the original map



CROSS SECTIONS
1" = 5' HORIZONTAL
1" = 5' VERTICAL

RECEIVED
JUL 28 2000

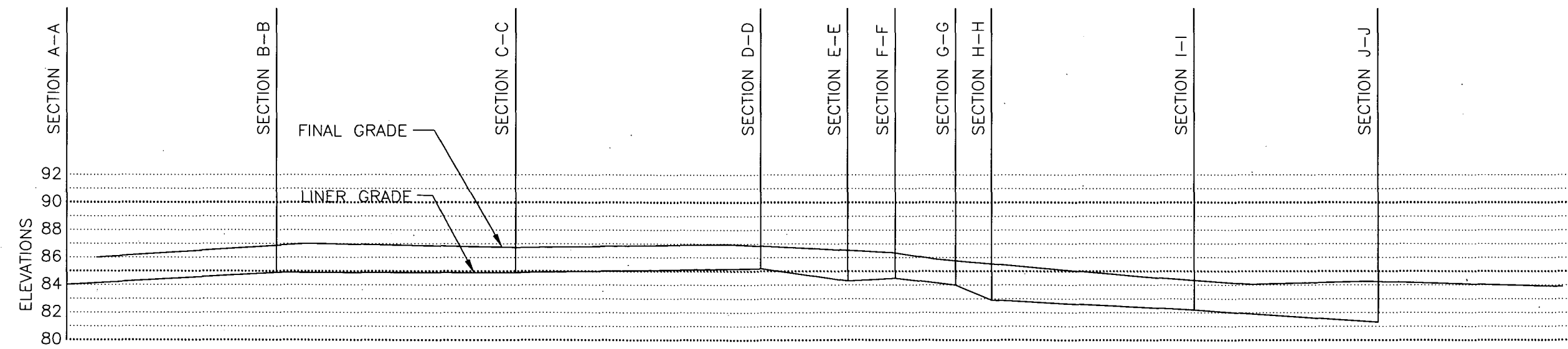
Department of Wildlife Protection
SOUTHWEST DISTRICT
BY _____

SECTION 2.4
LINER AT TOP OF BERM PROFILE RECORD
DRAWING

RECEIVED
JUL 28 2000

Department of Environmental Protection
SOLID WASTE DISTRICT
BY _____

0 80
SCALE: 1"=80'



HARDEE COUNTY LANDFILL
LATERAL EXPANSION
PROFILE ALONG TOP EDGE OF HDPE LINER

FILE: H:\ENVCADD\WASTEMAN\HARDEE\CONSTRUCTION\RECORDWG\PROFILE.DWG

RECEIVED

JUL 28 2000

Department of Environmental Protection
BY SOUTHWEST DISTRICT

SECTION 2.5

CONSTRUCTION RECORD DRAWINGS

A complete Construction Record Drawings set is included as a separate package to this Document.