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

## SCS ENGINEERS

March 7, 2012 File No. 09210021.07

Mr. Douglas Hyman, P.E. **Environmental Resource Management** Florida Department of Environmental Protection, Southwest District 13051 N. Telecom Parkway Temple Terrace, Florida 33637-0926

Subject: Stormwater Management System Inspection Report
Citrus County Phase 3 Expansion Project Protection
Citrus County, Florida
Permit Number 09-0291076-001

Dear Mr. Hyman:

On behalf of the Citrus County Solid Waste Management Division (SWMD), SCS Engineers
(SCS) is submitting the required documentation in compliance with Operation Condition 16 on (SCS) is submitting the required documentation in compliance with Operation Condition 16 of the Environmental Resource Permit No. 09-0291076-001 for the Citrus County Central Landfill Phase 3 Expansion Project.

SCS conducted a site visit on February 15, 2012 to observe the condition of the stormwater management system. These findings are based on the site walk through and visual assessment. Overall the site appeared dry with small pockets of standing water in the perimeter ditch and DRA-5. The open cell had standing water within the raintarp area. Based upon conversation with the County this water is periodically pumped to the perimeter ditch. There was no debris, sedimentation or vegetation buildup observed in the stormwater management system. There was no unauthorized stormwater discharge observed during the site visit. All structures appeared in sound condition. Any deficiencies that were observed during the walk through have been corrected. Thus, as of today's date, March 7, 2012, the stormwater management system at the above referenced project appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S.

Attachment 1 of this letter contains two originals of the "Environmental Resource Permit Inspection Certification" (Form No. 62-343.900(6), F.A.C.) signed by Dominique H. Bramlett, a Registered Professional Engineer in the State of Florida. Attachment 2 of this letter contains photos of the stormwater management system.

Mr. Douglas Hyman, P.E. March 7, 2012 Page 2

If you have any questions, please feel free to contact us at 813-621-0080.

Sincerely,

Dominique H. Bramlett, P.E.

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Project Manager

SCS ENGINEERS

C. Ed Willow

C. Ed Hilton, P.E. Vice President

SCS ENGINEERS

DHB/CEH:dhb

cc: Steve Morgan, P.E., FDEP Tampa

Casey Stephens, Citrus County Solid Waste Management Division

# Attachment 1

"Environmental Resource Permit Inspection Certification" (Form No. 62-343.900(6), F.A.C.)

Form #62-343.900(6) FAC Form Title: Inspection Certification Effective Date: October 3,1995

# ENVIRONMENTAL RESOURCE PERMIT INSPECTION CERTIFICATION

Permit Number: 09-0291076-001 Project Name: Citrus County Central Landfill Phase 3 Expansion Project Inspection Date(s): 02/15/2012 Inspection results: (check one) I hereby certify that I or my designee under my direct supervision have inspected the system at the above referenced project and that the system appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). The following necessary maintenance was conducted: I hereby certify that I or my designee under my direct supervision has inspected the system at the above referenced project and that the system does not appear to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). I have informed the operation and maintenance entity of the following: (a) that the system does not appear to be functioning properly, (b) that maintenance is required to bring the system into compliance, and (c) if maintenance measures are not adequate to bring the system into compliance, the system may have to be replaced or an alternative design constructed subsequent to Department approval. Dominique H. Bramlett Signature of Professional Engineer Name 61829 SCS Engineers Florida Registration Number Company Name 3/7/12 4041 Park Oaks Blvd., Suite 100 Company Address Tampa, FL 33610 City, State, Zip Code (813) 621-0080 (affix seal) Telephone Number Within 30 days of completion of the inspection, submit two copies of the form to the following Department Office: Department of Environmental Protection Florida Department of Environmental Protection Southwest District Office 13051 North Telecom Parkway

62-343.900(6) On-Line Document Revised 05/07/08

Temple Terrace, FL 33637-0926

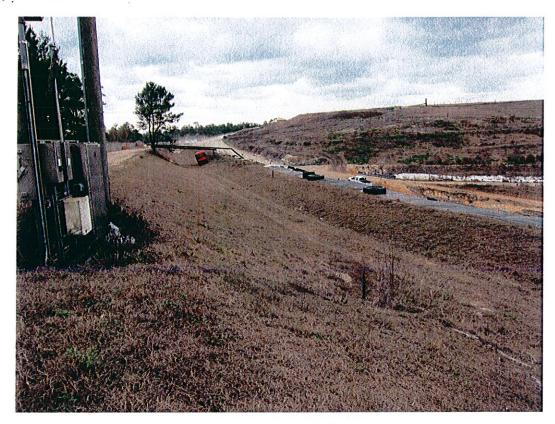
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Attachment 2

Photographs



Date: February 15, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

**Description:** East perimeter ditch looking south.

#### Photograph Number 2



Date: February 15, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

**Description:** DRA-5 looking northeast.



Date: February 15, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

Description: DRA-5

**Photograph Number 4** 



Date: March 2, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

**Description:** Grout filled fabric revetment



Date: March 2, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

**Description:** West spillway into DRA-5

#### Photograph Number 6



Date: February 15, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

**Description:** West perimeter ditch looking at the Phase 3 box culvert, leachate collection and detection system

piping and pumping system



**Date:** March 2, 2012 **Site:** Citrus County Central Landfill Phase 3 Expansion Area **Description:** 2-24" diameter x 40 ft RCP with concrete headwalls (24" long on both sides)

**Photograph Number 8** 



Date: March 2, 2012 Site: Citrus County Central Landfill Phase 3 Expansion Area

Description: Waste entrance access ramp