

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

Sincerely,



Dominique H. Bramlett, P.E.  
Project Manager  
**SCS ENGINEERS**



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.)**

## 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  
Name

  
Signature of Professional Engineer

SCS Engineers  
Company Name

61829  
Florida Registration Number

4041 Park Oaks Blvd., Suite 100  
Company Address

3/7/12  
Date

Tampa, FL 33610  
City, State, Zip Code

(813) 621-0080  
Telephone Number

(affix seal)

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  
Temple Terrace, FL 33637-0926

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## **Attachment 2**

### **Photographs**



**Photograph Number 1**



**Date:** February 15, 2012      **Site:** Citrus County Central Landfill Phase 3 Expansion Area  
**Description:** East perimeter ditch looking south.

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**Photograph Number 2**



**Date:** February 15, 2012      **Site:** Citrus County Central Landfill Phase 3 Expansion Area  
**Description:** DRA-5 looking northeast.



**Photograph Number 3**



**Date:** February 15, 2012

**Site:** Citrus County Central Landfill Phase 3 Expansion Area

**Description:** DRA-5

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**Photograph Number 4**



**Date:** March 2, 2012

**Site:** Citrus County Central Landfill Phase 3 Expansion Area

**Description:** Grout filled fabric revetment



**Photograph Number 5**



**Date:** March 2, 2012      **Site:** Citrus County Central Landfill Phase 3 Expansion Area  
**Description:** West spillway into DRA-5

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**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



**Photograph Number 7**



**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)

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**Photograph Number 8**



**Date:** March 2, 2012

**Site:** Citrus County Central Landfill Phase 3 Expansion Area

**Description:** Waste entrance access ramp