

OCT 1 1 2013

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE A
SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

PART A. GENERAL INFORMATION

- 1. Type of disposal facility (check all that apply):
[checked] Class I Landfill
[ ] Ash Monofill
[ ] Class III Landfill
[ ] Asbestos Monofill
[ ] Industrial Solid Waste
[ ] Other (describe):

Horizontal lines for additional information.

NOTE: Waste Processing Facilities should apply on Form 62-701.900(4), FAC;
Yard Trash Disposal Facilities should notify on Form 62-701.900(3), FAC;
Compost Facilities should apply on Form 62-709.901(1), FAC; and
C&D Disposal Facilities should apply on Form 62-701.900(6), FAC

- 2. Type of application:
[ ] Construction
[checked] Operation
[ ] Construction/Operation
[ ] Closure
[ ] Long-term Care Only
3. Classification of application:
[ ] New
[ ] Substantial Modification
[ ] Renewal
[ ] Intermediate Modification
[checked] Minor Modification

4. Facility name: Citrus County Central Class I Landfill

5. DEP ID number: SWD/09/39859 County: Citrus

6. Facility location (main entrance):
230 West Gulf-to-Lake Highway Lecanto, FL 33461

7. Location coordinates:
Section: 1 Township: 19S Range: 18E
Latitude: 28 . 51 , 07 Longitude: 82 . 26 , 12
Datum: NA Coordinate method: NA
Collected by: NA Company/Affiliation: NA





1715 North Wetshore Boulevard, Suite 875  
 Tampa, Florida 33607  
 tel: 813 281-2900  
 fax: 813 288-8787

SOLID WASTE  
 SECTION  
 OCT 07 2013

Received  
 OCT 07 2013  
 BSHW

October 4, 2013

Mr. Richard B. Tedder, P.E.  
 Program Administrator  
 Solid Waste Section  
 Florida Department of Environmental Protection  
 2600 Blair Stone Road, MS 4565  
 Tallahassee, Florida 32399

Subject: Citrus County Central Class I Landfill  
 Operation Permit No. 21375-018-SO/01  
 WACS ID # SWD/09/39859

Dear Mr. Tedder:

As we recently discussed, CDM Smith Inc., on behalf of the Citrus County Solid Waste Management Division, is requesting that the treated leachate and leachate sludge monitoring requirements described in the above-referenced operation permit be modified. As agreed to, the specific modifications are:

**Permit Condition E.4.c Sampling of Well MW-6:** The current laboratory parameter list will be deleted and replaced with: Total Trihalomethanes, iron, sodium, chloride, arsenic and total dissolved solids. The sampling frequency will remain semi-annual.

**Permit Condition E.9.a Leachate Influent Sampling:** The requirement for annual leachate testing was removed from Chapter 62-701, F.A.C. in August 2012. This permit condition will be deleted during the modification. A request for this modification was made on June 26, 2013. Citrus County was notified by email on June 28, 2013 that this testing was not expected.

**Permit Condition E.9.b.2 Leachate Treatment Plant Effluent Sampling:** The list of parameters and sampling frequency for the effluent sampling will be modified to be as follows:

| <u>Parameter</u>      | <u>Unit</u> | <u>Minimum</u> | <u>Maximum</u> | <u>Frequency</u> |
|-----------------------|-------------|----------------|----------------|------------------|
| Chloride              | mg/L        | N/A            | N/A            | Semi-Annual*     |
| Sodium                | mg/L        | N/A            | N/A            | Semi-Annual*     |
| TDS                   | mg/L        | N/A            | N/A            | Semi-Annual*     |
| Arsenic               | mg/L        | N/A            | N/A            | Semi-Annual*     |
| Total ammonia - N     | mg/L        | N/A            | 2.8            | Semi-Annual*     |
| Benzene               | µg/L        | N/A            | 1              | Semi-Annual*     |
| Toluene               | µg/L        | N/A            | 40             | Semi-Annual*     |
| Ethylbenzene          | µg/L        | N/A            | 30             | Semi-Annual*     |
| Total Xylenes         | µg/L        | N/A            | 20             | Semi-Annual*     |
| Vinyl Chloride        | µg/L        | N/A            | 1              | Semi-Annual*     |
| Total Trihalomethanes | µg/L        | N/A            | 100            | Semi-Annual*     |
| Barium                | mg/L        | N/A            | 2              | Annually         |
| Cadmium               | mg/L        | N/A            | 0.005          | Annually         |
| Chromium              | mg/L        | N/A            | 0.1            | Annually         |
| Iron                  | mg/L        | N/A            | 0.3            | Annually         |
| Mercury               | mg/L        | N/A            | 0.002          | Annually         |
| Lead                  | mg/L        | N/A            | 0.015          | Annually         |
| Selenium              | mg/L        | N/A            | 0.05           | Annually         |
| Silver                | mg/L        | N/A            | 0.1            | Annually         |

\* to be conducted concurrently with the semi-annual ground water sampling events described in Specific Conditions #E.4.b., and #E.4.c.





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**Permit Condition E.9.b (3) Leachate Treatment Effluent Sampling:** This condition will be deleted, eliminating the requirement for annual effluent sampling for 40 CFR, Part 258 Appendix I parameters and sampling for 40 CFR, Part 258 Appendix II parameters during the annual sampling event conducted prior to permit removal.

**Permit Condition E.9.c Leachate Treatment Plant Sludge Sampling:** This condition will be deleted, eliminating the requirement for annual sludge sampling.

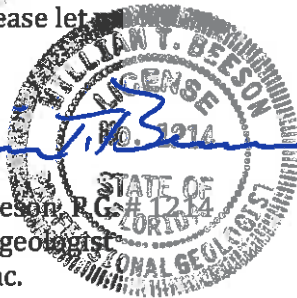
The Leachate Treatment Plant operational requirements based on the analytical results of sampling MW-6 and the leachate effluent will also be modified. The second paragraph of **Permit Condition E.9.b** which details follow-up actions in the event arsenic, chloride or TDS are detected at concentrations that exceed ground water standards in samples collected from well MW-6 will be deleted. The last paragraph of **Permit Condition E.9.b (2)** which details actions to be taken if the same listed parameter exceeds the regulatory limit in two consecutive sampling events will also be deleted.

**Condition E.10 Water Quality and Leachate Reporting Requirements** will be modified to include language detailing the reporting requirements for the results of sampling MW-6 and the effluent. The requirements will include the submittal of trend analysis for the parameters detected at well MW-6 with each semi-annual sampling report. The semi-annual report will also include a discussion detailing any exceedances of regulatory levels listed in Condition E.9.b (2) for the leachate effluent. Repeated exceedances of ground water standards for arsenic, sodium, chloride, or TDS at well MW-6 or listed permit criteria for the leachate effluent may require further evaluation of the continued discharge of leachate effluent to the percolation pond.

Enclosed is a check for \$250.00 to cover the cost of a minor permit modification. The cooperation and assistance from you and your team is greatly appreciated. If you have any questions, please let me know.

Sincerely,

William T. Beeson, P.G.  
Senior Hydrogeologist  
CDM Smith Inc.



Encl. Check for minor permit modification fee

cc: T. Casey Stephens, Citrus County Solid Waste Management Division (w/o enclosure)