

**Georgia Department of Natural Resources**  
**Environmental Protection Division**

Mountain District Office, 16 Center Road, Cartersville, Georgia 30121

Judson H. Turner, Director

Phone: (770) 387-4900

Fax: (770) 387-4906

Remit Correspondence to:  
Post Office Box 3250  
Cartersville, Georgia 30120

JUL 22 2014

Honorable Becky Hood, Chairman  
Gordon County Board of Commissioners  
Post Office Box 580  
Calhoun, Georgia 30703

Re: Routine Inspection  
Red Bone Ridge MSWLF  
Permit No. 064-016D  
Gordon County

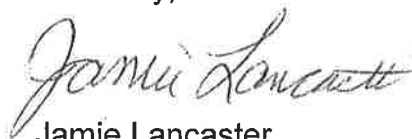
Dear Chairman Hood:

This is to confirm an inspection conducted on July 15, 2014 of the referenced facility to determine compliance with the Solid Waste Handling Permit and the Rules and Regulations for Solid Waste Management. Chris Johnson was present during the inspection. Site operations received a satisfactory rating of 95. A deficiency noted during the inspection is listed below.

- Recycling center cyclone needs repair.

Please submit a response, within thirty (30) days of receipt of this letter, describing how the issue will be corrected. EPD appreciates your willingness to comply with the Rules and Regulations. If there are any questions concerning this matter, I may be reached at (770) 387-4900.

Sincerely,



Jamie Lancaster  
Environmental Specialist  
Mountain District Office

cc: EPD Solid Waste Management Suite 104  
Chris Johnson 1224 Pleasant Hill Rd. Ext., Ranger, GA 30734



**Municipal Solid Waste Evaluation Report**

Facility Name: Red Bone Ridges MSWL

**Compliance Status and Schedule**

Current Status: In Compliance  Out of Compliance  Schedule  Priority   
 Performance Points = 95 (See Below)

| Compliance Schedule Status        | In                                  | Out                      | N/A                      | Date Due |
|-----------------------------------|-------------------------------------|--------------------------|--------------------------|----------|
| Approved Closure/Post-closure     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| Approved Groundwater System       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| Groundwater Assessment Monitoring | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| Approved Methane System           | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| Financial Responsibility          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| Other _____                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____    |

**Violations in Categories I & II will result in automatic "out of compliance" status.**

**I. Permit and D & O Plan Compliance**

| Items of Major Environmental Impact   | Construction Violations (Explain) | Operational and Maintenance Violations (Explain) |
|---|-----------------------------------|--|
| A. Groundwater  |                                   |  |
| B. Surface Water Protection<br>1. Sediment Control<br>2. Leachate Control<br>3. Disposal in Water |                                   |  |
| C. Air Protection<br>1. Open Burning<br>2. Methane Elevated Levels<br>Remediation Plan            |                                   |  |
| D. Land Protection<br>1. Buffers<br>2. Sequence of Fill<br>3. Survey Control                      |                                   |  |

## II. Major Act and Rules Requirements Compliance

|                                 | Compliance Status        |
|---------------------------------|--------------------------|
|                                 | Out                      |
| 1. Certified Operator           | <input type="checkbox"/> |
| Name: <u>Kevin Talley</u>       | <input type="checkbox"/> |
| 2. Maintaining Operating Record | <input type="checkbox"/> |
| 3. Weighing Procedures          | <input type="checkbox"/> |
| 4. Prohibited Acts              | <input type="checkbox"/> |
| 5. Prohibited Waste Disposal    | <input type="checkbox"/> |
| 6. Construction Certification   | <input type="checkbox"/> |

**Violations in Category III resulting in less than "80" rating is "out of compliance."**

## III. Performance Requirements Compliance

|   | Compliance Status        |                 |
|---|--------------------------|-----------------|
|   | Out                      | Points          |
| <b>1. Environmental Protection:</b>   |                          |                 |
| A. <u>Water</u>   |                          |                 |
| 1. Water monitoring data current, accompanied by certification statement; water monitoring points identified, accessible and in good condition                                  | <input type="checkbox"/> | <u>5</u><br>0,5 |
| 2. Leachate control maintained; runoff directed to permanent sediment control impoundment; sediment control structures maintained (ponds cleaned, silt fences maintained, etc.) | <input type="checkbox"/> | <u>5</u><br>0,5 |
| B. <u>Air</u>   |                          |                 |
| 1. Dust control on access roads;  | <input type="checkbox"/> | <u>5</u><br>0,5 |
| 2. Methane gas monitoring data current; methane gas structures maintained   | <input type="checkbox"/> | <u>5</u><br>0,5 |
| C. <u>Land</u>  |                          |                 |
| 1. Facility buffers delineated and maintained; facility survey control established and maintained   | <input type="checkbox"/> | <u>5</u><br>0,5 |
| 2. Disturbed areas, including stockpiles, protected, stabilized, and maintained (exposed for more than three months).   | <input type="checkbox"/> | <u>5</u><br>0,5 |
| <b>2. Unloading:</b>  |                          |                 |
| A. Restricted to working face or immediate vicinity   | <input type="checkbox"/> | <u>5</u>        |
| B. Information and direction signs  | <input type="checkbox"/> | 0,5             |
| <b>3. Spreading and Compaction:</b>   |                          |                 |
| A. Waste spread in uniform layers, generally two feet thick   | <input type="checkbox"/> | <u>5</u>        |
| B. Waste compacted to smallest practical volume   | <input type="checkbox"/> | 0,5             |
| C. Size of working face minimized   | <input type="checkbox"/> |                 |
| <b>4. Daily Cover:</b>  |                          |                 |
| A. Compacted, clean earth, 6" thickness (minimum); or alternate cover applied in approved manner  | <input type="checkbox"/> | <u>5</u><br>0,5 |
| B. Placed over waste within 24 hours  | <input type="checkbox"/> | <u>5</u>        |
| C. Adequate vector control  | <input type="checkbox"/> | 0,5             |

|   |   | Compliance Status                   |                 |
|---|---|-------------------------------------|-----------------|
|   |   | Out                                 | Points          |
| <b>5. <u>Intermediate Cover:</u></b>                |   |                                     |                 |
| A.  | Compacted, clean earth, 1' thickness (minimum)  | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| B.  | Placed over each portion of any intermediate lift/area following completion of that portion                         | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| <b>6. <u>Final Cover:</u></b>                       |   |                                     |                 |
| A.  | Final cover applied and certified according to closure plan   | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| B.  | Finished areas vegetated and stabilized per closure plan  | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| <b>7. <u>Grading and Drainage:</u></b>              |   |                                     |                 |
| A.  | Slopes of disposal area sufficient to maximize runoff and minimize erosion (3% to 33% - final grade)                | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| B.  | Surface water run-on and runoff controls provided and maintained  | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| <b>8. <u>Continuity of Operation:</u></b>           |   |                                     |                 |
| A.  | All weather access road to disposal area  | <input type="checkbox"/>            | <u>5</u>        |
| B.  | Provisions for prompt equipment repair or replacement   | <input type="checkbox"/>            | 0,5             |
| C.  | Access authorized to authorized entrance  | <input type="checkbox"/>            |                 |
| D.  | Authorized entrance closed when site is not in operation  | <input type="checkbox"/>            |                 |
| <b>9. <u>Rubbish and Litter Control:</u></b>        |   |                                     |                 |
| A.  | Exposed rubbish and debris (except in designated recovered materials area)  | <input type="checkbox"/>            | <u>5</u><br>0,5 |
| B.  | Litter control (fencing or other barriers, daily policing)  | <input type="checkbox"/>            |                 |
| <b>10. <u>Fire Protection:</u></b>                  |   |                                     |                 |
| A.  | Earth stockpile one day supply within 200' of working face  | <input type="checkbox"/>            | <u>5</u>        |
| B.  | Approved alternative method   | <input type="checkbox"/>            | 0,5             |
| C.  | Soil stockpiles (overburden, fire control, cover) places so as not to be a "cave in" threat to open trenches        | <input type="checkbox"/>            |                 |
| <b>11. <u>Waste Requiring Special Handling:</u></b> |   |                                     |                 |
| A.  | Recovered materials area maintained   | <input checked="" type="checkbox"/> | <u>0</u>        |
| B.  | Yard trimmings composting area maintained   | <input type="checkbox"/>            | 0,5             |
| C.  | Proper operation of air curtain destructor  | <input type="checkbox"/>            |                 |
| D.  | Special provisions for immediate disposal of dead animals or highly putrescible waste (eggs, entrails, offal, etc.) | <input type="checkbox"/>            |                 |
| E.  | Provisions for handling asbestos or other waste requiring special handling  | <input type="checkbox"/>            |                 |

**Performance Points**

95

Location of current operation:

Estimated site life remaining:

46 years

|       |                  |    |      |   |
|-------|------------------|----|------|---|
| Phase | Area/Trench/Cell | 2B | Lift | 6 |
|-------|------------------|----|------|---|

Time of inspection: 2:00 a.m.  p.m.  Weather Conditions: Cloudy

Reason for inspection: Routine  Other

**Discussed with:**

| Name          | Title            | Address                                       | Telephone    |
|---------------|------------------|---|--------------|
| Chris Johnson | Regional Manager | 1224 Pleasant Hill Rd. Ext., Ranger, GA 30734 | 706-629-5633 |

**Copy of this report submitted to:**

| Name       | Title                    | Address                         | Telephone |
|------------|--------------------------|---------------------------------|-----------|
| Becky Hood | Chairman, Gordon Co. BOC | P.O. Box 580, Calhoun, GA 30703 |           |

|               |                  |   |              |
|---------------|------------------|---|--------------|
| Chris Johnson | Regional Manager | 1224 Pleasant Hill Rd. Ext., Ranger, GA 30734 | 706-629-5633 |
|---------------|------------------|---|--------------|

Photographs: Yes  No  Location \_\_\_\_\_

Inspector: Jamie Lancaster

Reviewer: *Hacey Wix* Review Date: 7/21/2014

Attachments: \_\_\_\_\_

## Facility Operating Record

|  | Compliance Status        |                                     |                          |                                     |
|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
|  | Director<br>Notified     | In                                  | Out                      | N/A                                 |
| <b>A. Location Restrictions</b>  |                          |                                     |                          |                                     |
| 1. Airport Safety  |                          |                                     |                          |                                     |
| a. Location Restriction  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. Bird Hazard   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Flood Plains  |                          |                                     |                          |                                     |
| a. 100 year flood not restricted   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. Reduction in floodplain will not cause flooding                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| c. Landfill adequately protected from washout<br>of solid waste                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Wetlands  |                          |                                     |                          |                                     |
| a. USCOE jurisdictional determination made                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. Permits obtained where necessary  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4. Seismic Impact Zones (new and lateral expansions)                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 5. Unstable Areas  |                          |                                     |                          |                                     |
| a. Signature and seal of registered GA P.E.                                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. Certification of structural integrity   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>B. Procedures for Excluding Prohibited Waste</b>                              |                          |                                     |                          |                                     |
| 1. Written procedures for random inspections                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Inspection records  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Personnel records of training   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4. Copies of notification sent to director when<br>hazardous waste is discovered | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>C. Gas Monitoring</b>   |                          |                                     |                          |                                     |
| 1. Quarterly monitoring results  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. If methane exceeds limits provide written record                              | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a. Within 7 days, levels detected and<br>steps taken to protect human health     | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. Within 60 days, implementation of<br>remediation plan and Director notified   | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>D. Liquid Waste Restrictions</b>  |                          |                                     |                          |                                     |
| 1. Liquid waste prohibited   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Liner and leachate collection system  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Gas condensate management   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4. Leachate management records   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>E. Groundwater Monitoring</b>   |                          |                                     |                          |                                     |
| 1. Approved plan   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Certification of installation   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Monitoring reports  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

**F. Closure and Post Closure Criteria**

**1. Closure Criteria**

- a. Approved plan
- b. Notice of final closure
- c. Copy of deed to include:
  - 1. Notice of landfill operation
  - 2. Legal description location
  - 3. Type of waste deposited
- d. Confirmation (written) of b & c recorded on deed
- e. Signed compliance certification by GA P.E.

**2. Post Closure Criteria**

- a. Approved plan
- b. Results of all monitoring activities
- c. Notice to Director within 5 days of exceedance of standards
- d. Remediation plan within 30 days
- e. copy of written approval for removal of any contaminated material

**G. Financial Assurance**

- 1. Written cost estimates
- 2. Copy of financial instrument
- 3. Written justification for reduction in cost of reimbursements paid out
- 4. Notice to Director for any of the above necessary

**H. Measuring and Reporting Requirements**

- 1. Quarterly tonnage reports
- 2. Annual remaining capacity reports
- 3. Annual tonnage fees
- 4. Compliance evaluation reports

**Comments or Discrepancies Noted:**

Recycling center cyclone is not operating properly and needs repair. Debris was observed coming out of the cyclone and collecting on the roof. This issue was also noted on the August 29, 2013 inspection. Industrial stormwater sampling was reviewed.

During the inspection, the water truck was operating and litter was being picked up.