CAROLINE COUNTY SEWAGE SLUDGE UTILIZATION INSPECTION FORM-LAND APPLICATION

Site Name: James + Wanda Lewis CR 141
Date: 5/6/13 **Time In:** 12:45pm **Time Out:** 1:45pm
Location: 24790 Dukes Rd.
County: Caroline **Milage:** 22
Permit #: 2010-SAG-5611
Permitee: Synagro Central, LLC
Field Conditions: Moist
Weather: 60 °F Cloudy NE Winds 5-10mph

OPERATIONS	YES	NO	NA
1. There is a valid Permit/NMP.	✓		
2. Operation is within there permitted area.	✓		
3. Application areas are clearly marked.	✓		
4. Auger borings were taken.	✓		
5. Groundwater buffer is adequate.	✓		
6. Bedrock buffer is adequate.			✓
7. Buffer zones are marked and maintained.	✓		
a. Potable wells	✓		
b. Non-potable wells	✓		
c. Streams			✓
d. Public roads	✓		
e. Property lines	✓		
f. Off-site dwellings	✓		
g. On-site dwellings	✓		
h. Drainage ditches	✓		
i. Bedrock outcrops			✓
j. Tidal waters, tidal wetlands			✓
k. Others, as required by permit	✓		
8. Excessive slopes are avoided.	✓		
9. Restricted soils are avoided.	✓		
10. Swales, gullies, water channels, and ponded water are avoided.	✓		
11. Forage grasses are cropped or grazed.			✓
12. Sediment control is adequate.	✓		
13. Public access is controlled.	✓		
14. Equipment is adequate.	✓		
15. Incorporation method is approved.	✓		
16. Incorporation is done on the contour.	✓		

OPERATIONS	YES	NO	NA
17. Incorporation rates are adequate.	✓		
18. Application method is approved.	✓		
19. Sludge is spread by end of work day.	✓		
20. Spreading is even.	✓		
21. MDE was notified of spreading.	✓		
22. Liming/pH requirements are met.	✓		
23. Field and weather conditions are adequate.	✓		
24. Transfer and handling of sludge is within permitted or approved areas.	✓		
25. Trucks are cleaned, if needed.	✓		
26. Dragout of dirt or sludge is prevented or cleaned up promptly.	✓		
27. Transportation requirements are met.	✓		
28. Required records are kept on site.	✓		
29. Odors are controlled adequately.	✓		
30. Rate applied is within the approved rate.	✓		
31. Liquid sludge restrictions are met.			✓
32. Seasonal restrictions are met.			✓
33. Frozen ground restrictions are met.			✓
34. Sludge sources are permitted.	✓		
35. Other permit conditions are met.	✓		
POST-OPERATIONAL	**YES**	**NO**	**NA**
36. Odors and nuisances are controlled.	✓		
37. Sludge is adequately incorporated.	✓		
38. Grazing restrictions are met.			✓
39. Public access is controlled.	✓		
40. Runoff is prevented or controlled.	✓		
41. Proper crop is planted or growing.			✓

FIELD #	USABLE ACRES	INTENDED CROP	SLUDGE SOURCE AND TREATMENT METHOD	% SOLIDS	AMOUNT APPLIED (wt)	RATE APPLIED (wt/ac)	PERMITTED RATE (dt/ac)
3	44	Corn	Cedarville Mix (AA, Blue Plains)	19.5	315.26 wt @ insp.	150 lbs. N/ac	6,600 lbs. N

Comments/Compliance assistance items:

INSPECTOR	PERMITTEE'S REPRESENTATIVE
Darian C Henry, REHS/RS	Chris Breeding
Henry, Darian Inspecting Sanitarian 410-479-8045	Name: Chris Breeding Title: Tech Services Phone: [redacted]