



**ATTACHMENT**

**DAVIDSON CO MSW LINED LANDFILL**

**PERMIT: 2906-MSWLF-1994**

**ID: P0487**

**MUNICIPAL SOLID WASTE LANDFILL**

**RISK ASSESSMENT FORM**

**PERIOD: JULY 1, 2010 – JUNE 30, 2011**

Facility Name: Davidson Co MSW Lined Landfill Permit: 2906-MSWLF-1994

Address: 220 Davidson County Landfill Road

City: Lexington State: North Carolina Zip: 27292

Person completing Assessment: Joan A. Smyth P.G., Richardson Smith Gardner and Assoc. Date: Jul 22, 2011

Phone Number: (919) 828-0577 Fax: \_\_\_\_\_ Email: joan@rsgengineers.com

**Instructions:** Please indicate either *Yes* or *No* for each Receptor and Post Closure Maintenance question. Then please determine the distance or distances for each Receptor from the *Edge of Waste* (using range finders and/or GIS maps) and type that information into the form. Please attach additional information including GIS maps, lists of potable well locations, etc.

**Receptors**

1. Are there Residential Dwellings Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? 30  
 What are the three closest distances from the *Edge of Waste*? 840 Feet 1000 Feet 1100 Feet
2. Are there Potable Wells Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet
3. Are there Community/Municipal Wells Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet
4. Are there Surface Water Bodies Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? 1  
 What are the three closest distances from the *Edge of Waste*? 365 Feet 380 Feet 440 Feet  
 Please list the names of the water bodies: Jimmy's Creek [tributary of Abbotts Creek]
5. Is Public Water Available Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many of the Residential Dwellings noted above are connected? 30

**Corrective Measures**

6. Is there an active methane extraction system (blower, flare, etc.)?  Yes  No
  7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)?  Yes  No
  8. Is there groundwater remediation taking place on site?  Yes  No
- If Yes, what is the specific remedial technology used? \_\_\_\_\_

**Comments**