

**GOLDIE & ASSOCIATES**  
**STORMWATER INSPECTION REPORT**

INSPECTION DATE: 02/03/2010 CERTIFIED INSPECTOR NAME: RICK MASSEY

**PROJECT DATA**

Project Name: Duke Division II Project ID: 1363.1 Permit # SCR10G220  
Contractor Name: Tom Brigman Contractors  
On-site Responsible Person (if applicable): Tommy Brigman  
Notice of Construction Filed  Yes  No \_\_\_\_\_ (date)  
Pre-construction Inspection  Yes  No \_\_\_\_\_ (date)  
Pre-construction Conference  Yes  No \_\_\_\_\_ (date)

**PROJECT INITIATION**

Yes  No Are perimeter controls installed?  
 Yes  No Are perimeter BMP's installed correctly?  
 Yes  No  NA Detention/sediment basin installed as the first land disturbing activity if applicable?

**EROSION PREVENTION**

Yes  No Is construction following the phasing and sequencing plan?  
 Yes  No Are Erosion Prevention measures located in the proper places?  
 Yes  No Are Erosion Prevention measures installed correctly?  
 Yes  No Are Erosion Prevention measures protecting disturbed areas?

If Erosion Prevention measures are protecting disturbed areas, what are the types of protection:

Surface Roughening  Outlet Protection  Sodding  Riprap or Aggregate  
 Topsoiling  Bench Terracing  Seeding  Hydro-seeding  
 Ground Cover Plants  Mulching  Clearwater Diversion  Stream Bank Stabilization  
 Temporary Stabilization  Berms  RECPs (Rolled Erosion Control Products)  
 Polyacrylamide (PAM)  Other \_\_\_\_\_

Yes  No  NA Are drainage conveyances stabilized with vegetation and/or a channel lining if applicable?  
 Yes  No  NA Are previously stabilized areas being maintained if applicable?  
 Yes  No  NA Has activity on the site been temporarily ceased for 21 days or more?  
 Yes  No  NA If activity has ceased for 21 days or more, have temporary stabilization measures been installed within 14 days?  
 Yes  No Photo Documentation

**SEDIMENT CONTROL**

Yes  No  NA Are Sediment Control practices located properly?  
 Yes  No  NA Are Sediment Control practices installed properly?  
 Yes  No  NA Are all soil stockpiles adequately contained?  
 Yes  No  NA Are Sediment Control measures protecting off site areas?

If Sediment Control measures are protecting off site areas, what are the types of protection:

Sediment Pond  Sediment Trap  Silt Fence  Ditch Check  
 Inlet Protection  Vegetated Filter Strips  Polyacrylamide Flocculants  Sediment Berms/Dikes  
 Other \_\_\_\_\_

Yes  No Photo Documentation

Yes  No Are any additional Erosion Prevention or Sediment Control practices required?

Yes  No Are any corrective actions required to on-site or perimeter practices? If yes, fully describe in NOTES section below

**OFFSITE IMPACT**

Yes  No Are there BMP's installed in streams or active channels?  
If Yes, have them removed unless specified on the plans and check for permits.

Yes  No Is there evidence of work outside the limits of the approved plan?

Yes  No  NA Is construction being de-watered properly if applicable?

Are there off-site impacts?  Yes  No If yes, provide exact location and complete details in NOTES section below.

- |  |                               |                                  |  |                                 |
|--|-------------------------------|----------------------------------|--|---------------------------------|
| <input type="checkbox"/> Waterbody         | <input type="checkbox"/> None | <input type="checkbox"/> Minimal | <input type="checkbox"/> Needs Attention | <input type="checkbox"/> Severe |
| <input type="checkbox"/> Roadway           | <input type="checkbox"/> None | <input type="checkbox"/> Minimal | <input type="checkbox"/> Needs Attention | <input type="checkbox"/> Severe |
| <input type="checkbox"/> Adjacent Property | <input type="checkbox"/> None | <input type="checkbox"/> Minimal | <input type="checkbox"/> Needs Attention | <input type="checkbox"/> Severe |
| <input type="checkbox"/> Air/Dust          | <input type="checkbox"/> None | <input type="checkbox"/> Minimal | <input type="checkbox"/> Needs Attention | <input type="checkbox"/> Severe |
| <input type="checkbox"/> Storm Sewer       | <input type="checkbox"/> None | <input type="checkbox"/> Minimal | <input type="checkbox"/> Needs Attention | <input type="checkbox"/> Severe |

Yes  No Photo Documentation

**DOCUMENTATION BY THE PERMITTEE**

Current weather conditions: Clear

Yes  No Is there a functional rain gauge located on the project site?

Recorded rainfall since previous inspection:    inches

Yes  No Do the logs show inspections every 7 calendar days or every 14 days and within 24 hours of any 1/2 inch or greater storm event?

Yes  No Do EP&SC logs show that action has been taken regarding any current deficiencies?

**PROJECT HISTORY**

Yes  No  NA Have the proper actions been taken regarding previous deficiencies or violations if applicable?

**FINAL STABILIZATION**

Yes  No Have all land disturbing activities at the site ceased?

Yes  No Are there any areas of active erosion evident?

Yes  No Is there perennial vegetative cover with a density of at least 70% of cover established for the area OR have equivalent measures such as mulches, RECPs, etc. been employed?

Follow-up inspection: \_\_\_\_\_ (date)

Yes  No Photo Documentation

**NOTES**

- Areas of silt fence need repair.
- Rills and silt fence on north leg of Horseshoe need repair.
- Silt fence installed at creek near MH80 and partial seeding and mulching of area is done.
- Overall site appears to be contained.
- Rain gauge broken by freezing rain.

\* 1.18 inches of rain since 1/27.10 per weather.com