

# GOLDIE ASSOCIATES

## STORMWATER INSPECTION REPORT

INSPECTION DATE: 8/24/18 CERTIFIED INSPECTOR NAME: TIM WILBER

### PROJECT DATA

Project Name: The Ridge at Backwater Project ID: 287.9 Permit # SCR10H566

Contractor Name: Donnie White and Tim Davis

On-site Responsible Person (if applicable): Joe Lipchik

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

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.
- Waterbody  None  Minimal  Needs Attention  Severe
- Roadway  None  Minimal  Needs Attention  Severe
- Adjacent Property  None  Minimal  Needs Attention  Severe
- Air/Dust  None  Minimal  Needs Attention  Severe
- Storm Sewer  None  Minimal  Needs Attention  Severe
- Yes  No Photo Documentation

**DOCUMENTATION BY THE PERMITTEE**

- Current weather conditions: Sunny
- Yes  No Is there a functional rain gauge located on the project site?  
Recorded rainfall since previous inspection .04 inches
- Yes  No Do the logs show inspections every 7 calendar days Twice per month
- 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**

\* Precipitation measurement from wunderground.com. All CEPSCI reports can be found at goldieassociates.com under field services. Site inspected every other week per owner.

1. Single row silt fence has been installed. Need to install double row. Observed 11/16/17.
2. (4) Sediment traps need to be installed. Observed 11/16/17.
3. Sediment pond needs to be installed. Observed 11/16/17.
4. Interior silt fence where gravel road bends, at about lot 21 on original plans: Need to repair silt fence and major washouts. Also, repair large washout at gravel road tee intersection. Done 4/27/18 at Gravel Rd. tee. Silt fence at Graver Road bend still needs repair. Huge washouts still need repair 8/10/18. Done 8/24/18.
5. Except for the gravel entrance road, the entire site is bare. Areas need to be stabilized with grass.
6. Need inlet protection for new catch basins at creek. Observed 4/27/18. Same 8/24/18.
7. Perimeter silt fence needs repair. See page 3.
8. Interior silt fence, uphill of sediment trap needs repair. Water/silt washing underneath. Done 8/24/18. Riprap added in wash areas.
9. Sediment trap at Lot 18 needs to be cleaned out. 8/10/18. Done 8/24/18.
10. Need to clean out and repair silt fence at bridge. Observed 7/27/18. Not done 8/24/18

*Lucy Wilke*  
Inspector

3934  
License #

**Silt Fence Notes (Stations painted on perimeter silt fence)**

<b><u>Station</u></b>	<b><u>Description</u></b>	<b><u>Date Observed</u></b>	
2+74 to 3+07	Double row silt fence	5/11/18	
9+65	End silt fence	5/11/18	
10+13 to 10+33	Double row silt fence	5/11/18	
12+64 to 13+07	Double row silt fence to end	5/11/18	

**Silt Fence Repair Log (Stations painted on perimeter silt fence)**

<b><u>Station</u></b>	<b><u>Description</u></b>	<b><u>Date Observed</u></b>	<b><u>Action Taken</u></b>
1+40 to 1+60	Silt fence needs to be cleaned out.	5/11/18	Not done 8/24/2018
2+60 to 3+10	Silt fence needs to be cleaned out.	6/22/18.	Not done 8/24/2018
5+92 to 6+00	Silt fence needs to be cleaned out.	5/11/18	Not done 8/24/2018
8+50to 9+00	Silt fence needs to be cleaned out.	5/25/18	Not done 8/24/2018
9+34	Silt going under silt fence. Needs repair.	5/11/18	Not done 8/24/2018
10+18	Outer silt fence needs repair.	5/11/18	Not done 8/24/2018