

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) - FIELD OPERATIONS DIVISION  
**CONSTRUCTION SITE INSPECTION/EVALUATION REPORT**

**C**

COMPANY/OPERATOR NAME Cotswald Development, Ltd.		FACILITY NAME Cotswald Subdivision		PAGE 1	OF 1
CONTACT Ingram Tynes		LOCATION DESCRIPTION Sicard Hollow Road			
ADDRESS 820 Shades Creek Parkway			CITY Birmingham	STATE AL	ZIP CODE 35209
AUTHORIZATION NUMBER ALR16D930	COUNTY Jefferson	TOWNSHIP, RANGE, SECTION		PHONE NUMBER (205) 877-3199	
ACTIVITY DESCRIPTION Residential Subdivision Development	GPS LATITUDE & LONGITUDE Lat: 33.467900 Long: -86.679500	INSPECTION DATE February 22, 2008		EVALUATION COMPLETE DATE February 26, 2008	
RECEIVING STREAM(S) UT Little Cahaba River	HUC & SUBWATER CODE - WATERSHED NAME		SITE CONTRACTOR(S)		
OTHER PARTICIPANTS	SITE CONSULTANT(S)		<input checked="" type="checkbox"/> Samples Taken <input checked="" type="checkbox"/> Photos Taken		

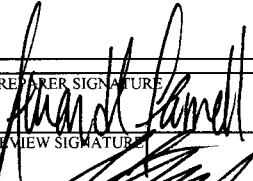
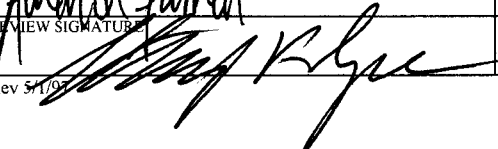
Inspection Type:  Routine  Complaint  Follow-up Previous Inspection Date: \_\_n/a\_\_

Please Mark: "S" = Satisfactory "I" = Needs Improvement "U" = Un-Satisfactory "N" = Not Applicable "E" = Not Evaluated "P" = Not Present

<input checked="" type="checkbox"/> Permit Verified	<input type="checkbox"/> Unpermitted Areas	<input type="checkbox"/> BMP Plan Onsite	<input type="checkbox"/> BMP Design	<input type="checkbox"/> BMPs Implemented
<input type="checkbox"/> BMPs Maintained	<input type="checkbox"/> BMPs Effective	<input type="checkbox"/> SPCC Plan	<input type="checkbox"/> Stream Inspection Reports	<input type="checkbox"/> Site Inspection Reports
<input type="checkbox"/> Facility ID Displayed	<input type="checkbox"/> Sample Records	<input type="checkbox"/> ECBs, ECRMs, TRMs	<input type="checkbox"/> Temporary Seed & Mulch	<input type="checkbox"/> Stream Crossings
<input type="checkbox"/> Project Phasing	<input type="checkbox"/> Annual Vegetation	<input type="checkbox"/> Perennial Vegetation	<input type="checkbox"/> Silt Fencing	<input type="checkbox"/> Hydro-Seeding
<input type="checkbox"/> Onsite Rain Gauge	<input type="checkbox"/> Sediment Traps	<input type="checkbox"/> Sediment Basins	<input type="checkbox"/> Straw/Hay Bales	<input type="checkbox"/> Inlet Protection
<input type="checkbox"/> Rip-Rap Installation	<input type="checkbox"/> Diversion Berms	<input type="checkbox"/> Diversion Ditches	<input type="checkbox"/> Check Dams	<input type="checkbox"/> Culvert Installation
<input type="checkbox"/> Slope Stabilization	<input type="checkbox"/> Topsoil Management	<input type="checkbox"/> Fuel/Chemical Handling	<input type="checkbox"/> Fuel/Chemical Spills	<input type="checkbox"/> Vegetated Buffer Zones
<input type="checkbox"/> Streambank Protection	<input type="checkbox"/> Solid Waste Handling	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Discharge Water Quality	<input type="checkbox"/> Instream Water Quality
<input type="checkbox"/> Instream Turbidity	<input type="checkbox"/> Off-Site Erosion	<input type="checkbox"/> Off-Site Sedimentation	<input type="checkbox"/> Off-Site Vehicle Tracking	<input type="checkbox"/> Unpermitted Discharges
<input type="checkbox"/> General Housekeeping	<input type="checkbox"/> On-Site Sedimentation	<input type="checkbox"/> On-Site Erosion	<input type="checkbox"/> Gray/Process Wastewaters (Port-o-Let, Washdowns, Etc.)	
<input type="checkbox"/> Instream Sediment Accumulation	<input type="checkbox"/> Off-Site/Up-Gradient Drainage Diverted	<input type="checkbox"/> Other: <u>Instream Treatment</u>		

OBSERVATIONS/COMMENTS

Implemented BMPs were not adequate to prevent a water quality violation and sediment loss from site. Sediment basin discharge outlet did not appear to allow for adequate holding time. It did not seem to be installed according to the Alabama Handbook. Silt fencing had been installed across a stream which constitutes instream treatment. BMPs should not be installed in a water of the State according to ADEM Admin. Code R. 335-6-12-.21 Silt fencing in other areas and inlet protection needed to be maintained. Slopes were eroding and needed to be further stabilized. There was a visible contrast between upstream and downstream waters. Operator had pumped down the sediment basin releasing turbid water into the UT to Little Cahaba River. At the time of sampling the pump had been shut off. Sampling results: Upstream: 11.6 NTU Discharge: 63.6 NTU Downstream: 134 Difference between up and downstream 122.4 NTU which constitutes a water quality violation.

PREPARED SIGNATURE 	PRINTED NAME Amanda L. Farrell	ADEM SUBDIVISION Birmingham Branch
REVIEW SIGNATURE 	PRINTED NAME STEPHEN SPENCER	DATE 2/29/08