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ENGINEER'S CONSTRUCTION OBSERVATION REPORT

Project: Queen's Gap	Project Number: 2013-002	
Contractor: Site Development Corporation	Contact at Site: J. Worley/Kyle Johnson	
Date: 03/10/2016	Time of Arrival	Weather Conditions: Wet soils, workable.
Notice to Proceed:	Substantial Completion Date:	
Previous Rain Days:	Previous Substantial Completion Date:	
Rain Days Since Last Report:	Total Rain Days:	Current Substantial Completion Date:

Observations & Notes:

Site inspection for Project 3 and 5 areas.

Meeting on-site to discuss progress with Jim Worley and Kyle Johnson of Site Development Corp.

Project 3 – Discussed slope stabilization efforts made by Site Development Corp. on the areas near lot 46. Rip-rap armor has been placed on the lower portions of the slope areas, re-vegetation by seeding, mulch and/or matting will be made on areas above the rip-rap to stabilize the areas.

Erosion control will be conducted by the Contractor to remove sediment accumulations at catch basins, rock check dams, wattles and in channel areas project wide. Site Development stated that they will bring additional workforce to work on these items and other seeding, matting repairs that need attention on the project. Slope repairs will be monitored.

Project 5 - Discussion concerning Eamon Drive road alignment, drainage and electrical transformer issue. Site Development will maintain the minimum road, should and ditch line widths on Eamon Drive. The roadway may need to shift as far left within the right-of-way as possible to avoid excessively long slope lengths. Construction staking of all items necessary to construct the roadway and storm drainage systems will be provided by Site Development Corp. Initially, the surveyors will locate the toe of slope based on the items mentioned above. REMC will be consulted concerning the possibility of moving the electrical box located at the road intersection.

NCDEQ (DLR) comments: Erosion control maintenance is required in Project 1 & 2 areas. Repairs including but are not limited to: ditch line rock check dams, wattles and matting materials, sediment fence, inlet protection, road bed maintenance, slope repairs and re-vegetation. These work items will be addressed by Dalziel Enterprises.

NCDEQ - Division of Water Resources comments: Remove slope drain entering the stream at the box culvert location. Restoration and site cleanup was requested at the intersection of the main roadway and soil side road. The culvert pipe in the soil road was obstructed with soil material and the stream has re-routed to a roadside ditch line. Mr. Fox (DWR) asked for the stream to be restored to original route and the area stabilized. No work to be performed in the wetland area.



Eamon Drive construction, area of discussion concerning long slope lengths.



Electrical box located at intersection of Devin Ridge Road and Eamon Drive. Consult with REMC about the possibility of re-locating the box to allow the slope to be moved back.



Stabilization work is required in this area per Division of water Resources.



Stabilize shoulders and side slopes by seeding and mulching. Stabilize the ditch line by seeding and matting.



Project 3 - Repair damage drop inlet protection devices project wide. Repair rock check dams and ditch line wattles project wide.



Project 3 - Repairs needed for slope matting, ditch line cleaning, shaping and matting, rock check dams construction and catch basin inlet protection.