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## ENGINEER'S CONSTRUCTION OBSERVATION REPORT

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Project: Queen's Gap		Project Number: 2013-002
Contractor: Site Development Corporation		Contact at Site: Jim Worley
Date: 2/17/2016	Time of Arrival 1:30	Weather Conditions: Wet soils, non- 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 meeting to discuss work to be performed in Project 2, 3 & 5. Andy Southards and Jim Worley, Site Development Corp. and David Odom, P.E. present at the meeting.

Project 3 - Repairs to the new slope failures were discussed with Site Development Corp. Slope repairs were discussed for the area adjacent lot 46. Slumps to be removed and then stabilize the areas by seeding, mulching and matting. Portions of the work area will be armored with rip-rap.

Project 5 - Discussion concerning the electrical re-routing needed to lower the roadbed in Devin Ridge Road. Work has started with minor clearing in the Eamon Drive area.

Restoration to the areas that have been damaged by the latest rainfall event in the short cul-de-sac at the intersection with the main road will be addressed by a separate Contractor for road and ditch line stabilization and re-vegetation of the disturbed areas.

Per Division of Water Quality, the following items need to be addressed:

- removal of a 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 is 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. *Work in progress as of 02-17-2016, see photo pg. 2.*

The remainder of the project was inspected for NCG010000 monitoring. Erosion control maintenance is required project wide including but not limited to: ditch line rock check dams, wattles and matting materials, sediment fence, inlet protection, road bed maintenance, slope repairs and re-vegetation.

All ditch lines and inlet structures need to be maintained by removing accumulated sediment and restoring the areas to stable non-erosive conditions. Inlet protection to be re-worked if the measure is not in working order.



Slope repair area – project 3.



Stabilization of the area discussed last week with DWR