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ENGINEER'S CONSTRUCTION OBSERVATION REPORT

Project: Queenø Gap projects	Project Number: 2013-002
Contractor: Site Development Corporation	Contact at Site: see below.
Date: 09-14-2016	Weather Conditions: Workable soils.
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 3,5,6 & 7 areas: Rick Conner, Randy Jenkins, David Worley and crew present. **Project 5** ó Road work and utility remains to be completed. Repair and maintenance is needed in all Project 5 areas. All ditch lines, rock check dams and wattles, catch basin inlet protection devices need repair to plan standards. Seeding, mulching and matting to be provided project wide.

Project 3 ó Road work, shoulders and slopes require completion and stabilization. Establish ditch lines and shoulders to plan standards. Erosion control as stated above remains to be completed in Project 3 areas. Repair and maintenance is needed in all Project 3 areas. All ditch lines, rock check dams and wattles, catch basin inlet protection devices need repair to plan standards. Seeding, mulching and matting to be provided project wide.

- Repair ditch line wattles to working condition.
- Repair matting in ditch lines, shoulders and slope areas.
- Seeding on many new slope construction areas has died out. Re-seeding is required to establish permanent groundcover.

Project 6 & 7 ó Site Development has been directed by NCDEQ to stop construction activity in Pr. 6 & 7 areas until the areas in Pr. 3 & 5 are stabilized and permanently re-vegetated. Provide erosion control installation and seeding/mulching/matting on disturbed areas in Pr. 6 & 7 areas.

General road construction requirements: Site Development to address road cross-section widths in areas where the current widths are less than the required minimum width of (27ø). Provide (19ø) wide CABC stone base course ó (6ö) compacted depth for all road construction areas. Road shoulders to be minimum of (2ø width) and ditch lines to be (min. 4ø wide x 12ö depth). Road grade not to exceed 18% and all paved surfaces to be constructed inside of the platted right-of-way.

Seeding specifications ó Seeding on the project areas needs to be amended to include; Kentucky 31 Tall Fescue, Serecia Lespedeza, ~~German Millet~~, Rye grain and Clover. Areas previously seeded may require fall topdressing and seeding with the mixture stated in this report. Seeding specifications delivered to Rick Connor 06/21/2016. Fall season change to Rye grain as nurse grass.

Dalziel Enterprises continues work on shoulders and ditch lines in Project 3 area (new paved road section) and will work in Project 2 areas next.

NCG010000 self-monitoring report is attached.

Reported by: Wayne Watkins, CPESC



Re-establishment of road shoulders and ditch line with new excelsior matting in Pr. 3 section.



Re-construction of ditch line and installation of SC 250 erosion control matting in Pr. 3 road section.