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## ENGINEER'S CONSTRUCTION OBSERVATION REPORT

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Project: Queenø Gap projects	Project Number: 2013-002
Contractor: Site Development Corporation	Contact at Site: David Worley
Date: 08-25-2016	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 and 5 areas:

**Project 5** ó Site Development is working on the new wall installation at time of inspection. Geo-grid material is being placed as the wall is being constructed and the backfill soil material is being compacted. Erosion control efforts have been made on many areas in Project 5 areas ó existing measures have been cleaned to some degree and new sediment fence has been installed below the work area at approx. Sta. 30+00. Check catch basins and clean as needed to maintain in working condition.

**Project 3** ó Vegetation needs to be established in all ditch lines, road shoulders and slopes where permanent vegetation is sparse or absent.

Additional work on erosion control repair is needed in Project Three area that remain the responsibility of Site Development Corp.

- Clean rock check dams and repair to working condition with sediment storage capacity and clean stone at outlets.
- 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 in the fall growing season is recommended.

**Project 6 & 7** ó Site Development is clearing and grubbing the first 1500ø+/- in Project 6 & 7. Some minor clearing is progressing ahead for the survey crew to provide construction staking for future work. The new right-of-way alignment is being staked.

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 CAB stone base course ó (6ø) compacted depth for all road construction areas. Road shoulders to be minimum of (2ø width) and ditch lines to be (min. 4ø wide x 12ø 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, 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.

Certain areas in Pr. 2 & 3 areas require additional work on shoulders and ditch lines by Dalziel Enterprises.

NCG010000 self-monitoring report is attached.

Reported by: Wayne Watkins, CPESC



Wall construction at approx.. Sta. 30+00 ó Project 5 area.



Project 6 clearing and rough grade in preparation of new road construction.