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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: 11-22-2016	Weather Conditions: Drought conditions.
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 2, 3,5,6 & 7 areas: Rick Conner, Randy Jenkins and crew present.

Project 3 & 5 New waterline installation discussed with Site Development Corp. Roadwork needs to continue for three weeks or more to have roads at grade for utility construction. The establishment of a permanent vegetative groundcover on disturbed areas remains to be completed on disturbed areas project wide. Additional hydro-seeding requested on Pr. 3 area above rip rap slope repair. (3) catch basins risers ordered for use in Pr. 3 areas. Seeding and mulching efforts continue however soils remain dry and drought conditions continue.

Project 6 & 7 Same issues regarding waterline utility construction. Work continues in Pr. 6 & 7 areas developing new road construction. Rock excavation has been performed on areas requiring drilling and blasting, disposal and shaping of the roadbed areas continues. Erosion control work continues to follow the grading operation. New channel erosion control matting is being installed as work progresses. Rock dissipaters to be extended to natural ground and level spreader to be directed to contours is recommended. Remaining catch basin and pipe installation is on-going. Sediment fence repairs should be scheduled. Rock debris should be fully stabilized in all areas project wide and shot rock in certain areas has been deposited on or below fill slope areas, remove or stabilize in-place to prevent hazard. Brush and debris located at base of slope areas or other locations following clearing to be removed by the Contractor.

General road construction requirements: Provide roadbed minimum width of (27ø). Provide (19ø) wide CABC stone base course and (6ø) compacted depth for all road construction areas. Road shoulders to be minimum of (2øwidth) and ditch lines to be (min. 4øwide 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 and 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.

Project 2 Re-vegetation of (2) slope areas (two sections of embankment with sparse vegetation) in Pr. 2 was requested by DLR. All areas recently worked by Dalziel Enterprises remain stable and vegetation is being established.

NCG010000 self-monitoring report is attached.



Road construction on-going in Pr. 6 & 7 areas.



Road construction with channel stabilization in process.



End of road section with turn around area constricted into rock embankment.



Pipe installation complete with outlet stabilization in process.