

Date : 04/17/2024  
Project No : 2024C116  
Client Company : Peeples Owner, LLC  
Arrival Time : 04/17/2024  
Onsite Hours :

ASEC Report ID : 66161  
Name of the Project : Peeples Valley Rd, Overlook at Pettit  
Project Location : Cartersville  
Weather : overcast  
Departure Time : 04/17/2024  
ASEC Technician Name : Russell Hendrix

At the request of the client's representative, our AS ENGINEERING AND CONSULTING, LLC (ASEC) representative visited the job site to observe the contractor's work activities from a quality standpoint to verify compliance with project drawings/specifications, applicable codes, and materials submittals and conducted QC testing per the project drawings and specifications. The following observations were made on site this shift:

**Summary:** A concern regarding water and rock encountered during topsoil removal was reported by the on-site foreman, prompting immediate investigation and remediation efforts. Upon arrival at the site, water accumulation was observed between White Tail Lane and River Otter Trail, including Lots #54 to 61 (highlighted as the trouble area in blue). To assess the situation, four test pits were excavated, all of which quickly filled up with water.

**Actions Taken:**

**1. Consultation with Ram Mogulla (ASEC PE):**

- A call was placed to Ram Mogulla, a Professional Engineer (ASEC PE), to discuss the issue and determine appropriate remediation measures.

**2. On-Site Assessment by Mr. Mogulla:**

- Mr. Mogulla promptly arrived on-site to evaluate the severity of the problem and propose solutions.

**3. Recommendation for Remediation:**

- After careful assessment, a recommendation was made for the implementation of two French drain "burrito wraps" using 57 stone wrapped in geotextile fabric:
  - Each "burrito" wrap to be 2 feet wide and 1 foot in depth.
  - The wraps to run parallel to each other, spaced 20 feet apart.
  - They should intersect the adjacent creek and extend to the end of the project area, aiding in water drainage off the site.

**4. Communication with Foreman and Owner:**

- The recommendation for remediation was communicated to the foreman, who was tasked with discussing it with the owner for further action.

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excavating test pits



detention pond earth wall



test pit



water standing lots 54 to 61

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water standing lots 54 to 61



Trouble area in blue

*Kenneth Mosman*

**Kenneth Mosman**

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