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Elam Swarey
32755 RCR 5
Routt County, CO
80479

09/24/2024

Re: Septic Permit No. PRSP240568

Mr. Swarey,

Thank you for taking the time to meet with us yesterday to look at progress on your septic system and to conduct a soils evaluation. As we discussed, local regulations for onsite wastewater treatment systems (OWTS) require inspections by Routt County Environmental Health (RCDEH) to confirm soil conditions prior to development of a septic design, review and approval of septic designs prepared by a Colorado Certified Professional Engineer, and an additional inspection of installed systems prior to backfilling.

RCDEH analysis of the soils resulted in a determination of Soil Type 3A (Clay Loam) rather than Soil Type 1 (Sand/Loamy Sand), as determined by the design engineer. The discrepancy in soil characterization has resulted in a soil treatment area design that is too small to accept and treat calculated flows in accordance with rules and regulations for OWTS. Please discontinue any further work on the septic system and contact your engineer to acquire an updated design appropriate for the soil conditions and calculated flows. Once the design is complete, please upload the design to the permitting system so that RCDEH can review to ensure compliance with the regulations. Once the new design is approved in writing by RCDEH, work on the system may proceed. Prior to backfilling, please contact RCDEH for an inspection of the system.

Feel free to contact Chris Peters or Scott Cowman with any questions at (970) 870-5401. Thank you for your attention and cooperation with this matter.

Sincerely,

B. Scott Cowman
Routt County Director of Environmental Health