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Todd Carr  
Routt County Building Official  
Routt County Regional Building Department  
136 6th St. Suite 201  
Steamboat Springs, CO

May 2, 2024

RE: Town of Phippsburg Wastewater Treatment Plant  
Building Permit Application Summary Letter  
PRPF231764 - 22158 COUNTY ROAD 12, ROUTT, CO 80469

Dear Todd and Plan Reviewers,

Please accept this resubmittal package as part of application for construction of a prefabricated, containerized wastewater treatment facility for the town of Phippsburg. This plant will be constructed near the entry to the Routt County parcel that sites the treatment lagoons currently in operation. As part of the project the lagoons will be abandoned with biosolids appropriately disposed. The larger structure currently housing the lagoon pumps and blowers and the chlorine contact tank will be demolished. A separate permit will be obtained for that removal.

As part of this resubmittal, we are requesting issuance of a Foundation Only permit for PRPF231764, 22158 County Road 12. Duckels Construction has been awarded the contract and has indicated a desire to start mobilization and tank foundation excavation while plan corrections are addressed for the above ground structures.

RCRBD provided a Corrections Notice dated 3/1/2024 to the previously submitted permit package. Those corrections along with a response indicating the proposed resolution to the requested information is provided herein in hopes of aiding rereview of the permit package and potential issuance of a building permit.

- RCRBD has adopted the 2018 "Wildfire Risk" means local building codes applied to meet the intent of the International Wildland-Urban Interface Code per Chapter 5 – Special Building Construction Regulations and shall have at least a roof assembly that complies with not less than a Class B rating when tested in accordance with ASTM E 108 or UL 790 as the materials do not appear on the list of approved noncombustible roof covering per 2018 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE Section 505.2.*

The proposed larger structure has a metal roof and therefore appears to meet the IWUIC requirements. In speaking with Ted, it appears this comment relates to the smaller pretreatment screen building that has a

membrane roof. Please note sheet S2-B call out #7 “Wood Stud Wall Connection Details”. DensDeck Prime roof boards are now proposed beneath the rubber membrane. A copy of DensDeck Prime material specifications has been uploaded showing the fire resistance classification.

2. *The structural standards submitted for the containers shall match the structural design notes on plan sheet S1 to correctly specify ground and roof snow loads, wind design, and seismic data in accordance with approved RCRBD requirements.*

Plan sheet S1 pertains to design assumptions for the tank walls and deck and contain loading assumptions that meet or exceed RCRBD requirements. Please refer to the plan documents uploaded with this resubmittal (S1A and S1B) that pertain to the containerized unit and the pretreatment screen building respectively. The loads assumed for design are included on those sheets. These site specific design documents supersede the generic Newterra Enclosures Standards where applicable with specific attention to snow loads. See associated design calculations also uploaded with this resubmittal

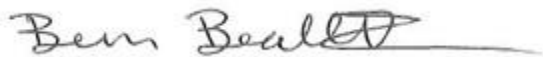
3. *While the structural calculations submitted indicates anchor types and diameter for lid embeds at container legs, RCRBD inspectors will need the plans to specify fastening design data such as field weld size(s) and length, or post installed bolt alternate as applicable.*

There is no fastener design as the container is not affixed to the tank deck. The container rests on top of the deck. We are not aware of a requirement that the container needs to be anchored. This site location is not subject to floodplain regulations for tie-down.

Please do not hesitate to reach out if you have any questions related to this permit application. I can be reached at [ben@aquaworksdbo.com](mailto:ben@aquaworksdbo.com) or 970-846-1513.

Sincerely,

AQUAWORKS DBO, INC.



Ben Beall, P.E.

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