



Drexel, Barrell & Co.

December 7, 2017

Environmental Health Division
El Paso County Public Health
1675 W. Garden of the Gods Road, Suite 2044
Colorado Springs, CO 80907
Attn: Mike McCarthy

Engineers/Surveyors

Boulder
Colorado Springs
Greeley

3 South 7th Street
Colorado Springs,
Colorado 80905-1501

719 260-0887
719 260-8352 Fax

**RE: Cut to the Chase Equipment Yard VA-17-010
Wastewater Treatment System**

Mr. McCarthy,

Please accept this letter as Drexel, Barrell & Co's verification of the existing Onsite Wastewater Treatment System, located at 7205 Maine Lane.

Wastewater service for this property includes a 1,250 gallon precast concrete septic tank that was sized to accommodate the onsite 3-bedroom house. Recently, the property was converted to a business and all three of the bedrooms now function as office spaces. The offices are used regularly by a total of three employees, and no one resides at the property permanently.

Referencing *Chapter 8 of the Regulations of the El Paso County Board of Health, Onsite Wastewater Systems Regulations*, the Average Daily flow (gallons/person/day) for the relevant uses are as follows:

| Type of Establishment | gpd/person | No. | Total flow (gpd) |
|--|------------|-------------|------------------|
| Single Family Dwelling (two people per bedroom) | 75 | 3 bedrooms | 450 |
| Office Building (per employee per 8 hr shift) | 15 | 3 employees | 45 |

If a bathroom is indicated on the updated floor plan other than the primary structure this letter will have to be updated.

El Paso County requires a minimum 1,250 gallon tank for a 3-bedroom property. It is clear that capacity of the existing tank is more than sufficient to accommodate the regularly scheduled employees and any that may use the restroom while at the property.

It is our opinion that no alteration or upgrade of the septic system is necessary.

Please call if you have any questions or require any additional information.

Respectfully,

Drexel, Barrell & Co.

Tim D. McConnell, P.E.
Senior Associate, Regional Manager

Markup Summary

dsdsevigny (1)

If a bathroom is indicated on the updated floor plan other than the primary structure this letter will have to be updated.

Single-Bay
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Please call

Subject: Text Box

Page Label: 1

Lock: Locked

Status:

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Author: dsdsevigny

Date: 5/7/2018 11:16:04 AM

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