Attn: SUSANNE HOFFMAN 14445 HOLMES RD REHB B COLORADO SPRINGS, CO 80908 Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.



## EL PASO COUNTY PUBLIC HEALTH ENVIRONMENTAL HEALTH DIVISION

1675 W. GARDEN OF THE GODS ROAD, SUITE 2044 COLORADO SPRINGS, CO 80907 PHONE: (719) 578-3199 FAX: (719) 578-3188 www.elpasocountyhealth.org

### **NEW SYSTEM PERMIT - OWTS**

Valid From 11/18/2019 To 11/18/2020

PERMITEE:

SUSANNE HOFFMAN 14445 HOLMES RD REHB B COLORADO SPRINGS, CO 80908

OWNER NAME:

SUSANNE HOFFMAN

Onsite ID: ON0050253

Tax Schedule #: 5206000040
Permit Issue Date: 11/18/2019

Dwelling Type: COMMERCIAL

# of Bedrooms (if Res): 0

Proposed Use (if Comm): REHAB FACILITY

Designed Gallons/Day:

Water Source: PRIVATE WELL

### **System Installation Requirements:**

- An Engineered OWTS system to be installed on site due to commercial building, requiring a Tier II licensed installer.
- System installation to include a gravity fed system with d-box to chamber in a bed configuration. Minimum tank requirements 1000 gallon and 840 sq ft of soil treatment area (70 Q4 / 56 Arc 36 chambers required).
- The system must be installed per approved Geoquest, LLC design document #19-0983 stamped and dated 10.15.2019, changes to the approved design document must be submitted and approved by Public Health prior to installation.
- All horizontal setbacks must be maintained through system installation. In addition system must remain completely uncovered, including the tank size, for final inspection.
- The well must be installed at time of final inspection, or final approval will not be given until well installation is verified.
- Engineered systems require the as built drawing and certification letter from the engineer be submitted to Public Health prior to final approval and Regional Building sign off
- Ensure that all work is completed prior to contacting and requesting final line for inspection, otherwise additional fees may be incurred.

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This permit is issued in accordance with 25-10-106 Colorado Revised Statutes. The PERMIT EXPIRES upon completion/installation of the Onsite Wastewater Treatment System, or at the end of twelve (12) months from date of issue, whichever occurs first. If both a Building Permit and an Onsite Wastewater Treatment System Permit are issued for the same property and construction has not commenced prior to the expiration date of the Building Permit, the Onsite Wastewater Permit shall expire at the same time as the Building Permit. This permit is revocable if all stated requirements are not met. The Onsite Wastewater Treatment System must be installed by an El Paso County Licensed System Contractor, or the property owner.

The Health Officer shall assume no responsibility in case of failure or inadequacy of an Onsite Wastewater Treatment System, beyond consulting in good faith with the property owner or representative. Access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with the requirements of this law (permit).

Inspection request line: Call (719) 575-8699 before 3:30 p.m. the business day prior to the requested inspection date.

Authorized By: Environmental Health Specialist

### Q = 150.0 Galtons per Day (GPD) A=1,000,0 SF Q = (10 People)(15 GPD/Person) LTAR = 0.15 Gallona per Day per Proposed Rehab Facility CALCULATIONS (New Commercial OWTS): Type 4A per Profile Ptt 9/26/2019. Max. 10 People are Foot (GPD/SF), USDA Soil 1 8 E 0.15 GPD/SF

A = (1,000.0 SF)(1.2)(0.7) A = 840.0 SF Required Gravity Fed Chamber Bade

Total Contact Area = 840.0 SF Required Total Contact Area = 884.0 SF Actual Chambers Provided = 72 Total CHAMBER BED SYSTEM (Gravity Fad): Chambers = SF RQD / 12.0 SF per Chamber Chambers = 840.0 SF / 12.0 SF = Min. 70 Chambers hall 2 Zonnes: 4 Rows x 9 Chambers Long stor Systems Inc. Quick 4 Standard Chambers

Chambers), Install 2 Zones with 4 Rows of 7 Chambers (58 For ARC 36 Standard Chambers (15.0 SF / Chamber, Min. 56 \ Note: Use of Alternative Chambers is Acceptati iotal). Contact Engineer for Clarification

# PASSES PROPERTY.

87- AT Resourced on the Up-Hill Ston of the Experiences

EPCHD Approved Effluent Filter on Outlet Asin Tank Size = Min. 1,000 Gallona (Two-Compartment)

Cover Page

- INSPECTIONS REQUIRED ARE AS FOLLOWS:

  1.) Engineer Will Inspect the Installation of All OWTS Components (i.e. All Plumbing, Tarsia, Pump Chember, STA, etc.) Prior to Bedd
- Engineer to inapect the Soft Treatment Area After Backfill to Insure Min lease Notify this Office Min. 24 Hours Prior to Inspection. Cover and Proper Drainage Away from Soil Treatment Area.

on Pipe to the Soli Treatment Area. Provide 2.0% Nim. Grade on Pipe to Septic Tank. Provide 2.0% Nim. Grade

All Beinds Limited to 45 Degree Elis or Long Sweep Querter Bends. Areas Linder Diheways Shall Be Protected as Par El Paso County Haatth

Change in Direction Exceeds 135 Degrees. at Intervals Not to Exceed 100" in Streight Runs and When the Cumulative Building Sower Clean-Outs Shall Be knatalled within 5 FT of the Structure and

# FRAL GRADING NOTES

of 8" of Select Topeoff to Provide a Base for Good Vegetetive Cover. strapet Area Shall Be Crowned and Covered with a Minimum

Best Suited for the Ares, Grasses are Best. Trees and Shrubs May Damage/Stock Pipes. Vegatation Shat Be Maintained and Mowed to Prevent Formation of Bio-Matting, Do Not Pave Over the Soil Treatment Area. Contect Soil Conservation Service or County Extension Agent for Vege

Provide Drainage Swale Around Uphill Side of the Soil Treatment Area

# CONSCIENT REMANDERORS

- Here Saptic Tunk Pump Every 3-5 Years
- (or As Needed, Contact Libersed Pumper)
- Have OWTS Inspected Annually -Clean Effuert Filor
- Plant Native Grass Over STA -Check Water Levels in Inspection Ports
- Don't Pour Chemicale Down Drain (No Plants with Roots or that Require Irriguntion)
- Don't Throw Traigh in Tollet
- Jee of Gerbage Disposel is Discourage (Minimize Tollet Paper Consumption)
- Conserve Water and Repair Leafing Flutures
   This is NOT a Complete List (Contact Local Health Department and EPA List of Septic "Dote and Dorite"

Geoquest, LLC, has Provided this Design in Accordance with the Standards of Practice Common to the Area. However, as with All Underground Absorption Fields, Guarantee from Falkers is Impossible. Even with Proper installation, as Outlined for this Proposed Construction, There Can Remain Many Uncertainties, and Difficulties Can Still Arbe in the Operation of the System in the Future. Proper Design, Construction, and Maintenance can Assist in Minimizing Uncertainties, but Cannot Entirely Eliminate Them. Homeowners Should be Advised of Maintenance and Special Considerations for Septic Systems. Refer to El Paso County Public Health Brochure: "Maintening Your Septic System" for Additional formation. Due to the Possibility of Unknown Water Usage Factors, Geoquest, LLC. Provides No Warranty of this Design or Installation Against Failure or Demage of Any Type.

Chapter 8: On-Site Westewe (OWTS) Criteria. GENERAL NOTES:
All Work per El Paso County Board of Health Regulations ator Treatment Systems

(See Table 7-1 in the Regulations for Addi information). Contractor/Homeowner Must Verify All All Sethects Shell Conform to El Paso County Regulations etbacks and Obtain Utility Clearances Prior to

Engineered OWTS from the El Peac County Heelth Contractor/Homeowner Must Obtain Approval of Contractoritionsowner is Responsible for Permit

All Bends Limited to 45 Degree Elle or Long Sweep as Per El Paso County Health Department Regulations. Quarter Bends. Arees Under Driveways Shall Be Pro

5 FT of the Structure and at intervals Not to Eucoed 100 FT in Straight Runa, Upstream at Each Change of Direction Building Sewer Clean-Outs Shall Be Installed within Grader Than 45° within a 40 FT Section of Building Sewe Greater Than 45°, and at Any Combination of Bende

Grade Surrounding Area to Drain Away from the Sof Treatment Area (STA).

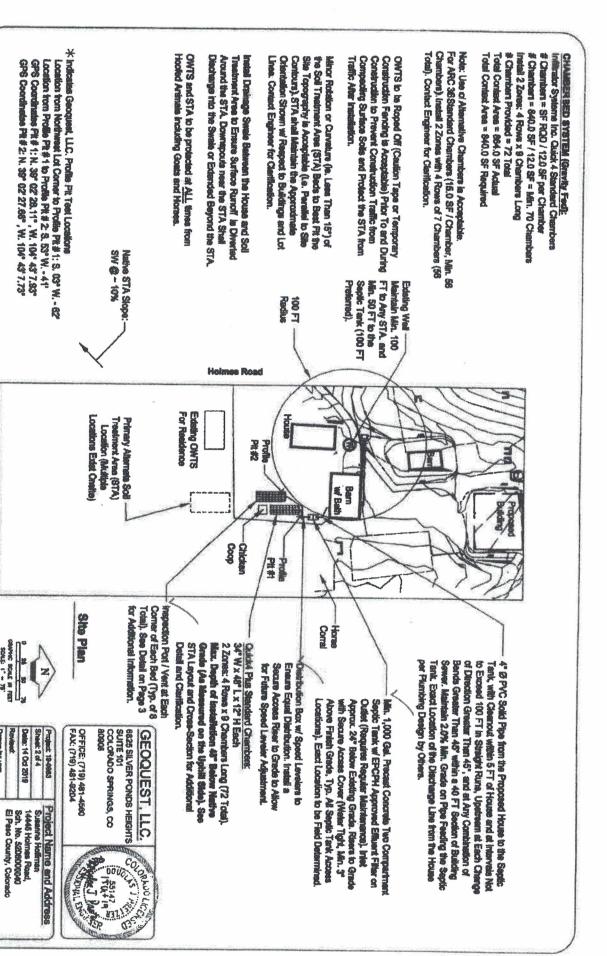
STA may Cause Premature Failure and is Probits Traffic or Hoofed Animal Traffic of Any Kind Over the ng of Trees/Shrobs, impation, Vehicule

Details and information. Refer to Sheet 2, 3, and 4 for Additions



Mason by: worn		14 Od 2019	Book Lod 4	Project: 19-0963
	Ö,	14449 Homes Road, Sch. No. 5208000040	Supporte Hoffman	Project Name and Address

Chacked by: dg



GPS Coordinates PH # 2: N. 39" 02" 27.68" , W. 104" 43" 7.73"

SOUTH I, " M.

Drawn by: wan

ected by: dip

Date: 14 Oct 2019

