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Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 2044 Colorado Springs, CO 80907 (719) 578-3199 phone (719) 575-8664 fax www.elpasocountyhealth.org

CONVENTIONAL ON-SITE WASTEWATER TREATMENT SYSTEM FINAL INSPECTION FORM

P

On-site ID: ON0050297

Environmental Health Specialist: Kevin Bolinsky

Tax schedule(APN) #: 4403005002

Final Inspection Date: 03.26.2020

Permit Type: New

Approved: Yes

Residential Property Information:

Owner: Kevin Dickerson

Address: 1765 Teri Lee Dr Peyton, CO 80831

Approved No. Bedrooms: 6

Water supply: Well

Well Installation verified: 03.26.2020

Well Location GPS: 38° 51' 27" N, 104° 32' 13" W

Approval will be revoked if in the future any well is found to be within 50 feet of the septic tank and/or 100 feet of the soil treatment area.

Minimum System Requirements:

Soil (in-situ) Type: 2

LTAR (In-situ soil): 0.6

Limiting Layer:

Groundwater: None

Bedrock: None

OWTS Tank:

Capacity (gallons): 1750

OWTS Pump Tank:

Capacity (gallons): N/A

Soil Treatment Area (STA): Sq. Ft. (10-1): 1125

Sq. Ft. (10-2): 1125

Sq. Ft. (10-3): 788

Sq. Ft. (with Diverter Valve): NA

Final system installation:

Licensesd Installer: Tier II

Installer: Mid Colorado Construction

Treatment Level: 1

OWTS Tank: GPS Location: 38° 51′ 24" N, 104° 32′ 11" W

Tank Type: New Poly

Capacity (gallon): 1500 & 1000 in series (2500)

OWTS Pump Tank:

Tank Type: NA

Capacity (gallon): N/A

Audio/Visual Alarm: NA

OWTS Pump: N/A Soil Treatment Area (STA):

GPS Location: 38° 51' 24" N, 104° 32' 10" W

Configuration: Trench

Distribution Media: Chambers Distribution Area Length: 88'

Media Type: Q4 Chambers (12 sq/ft)

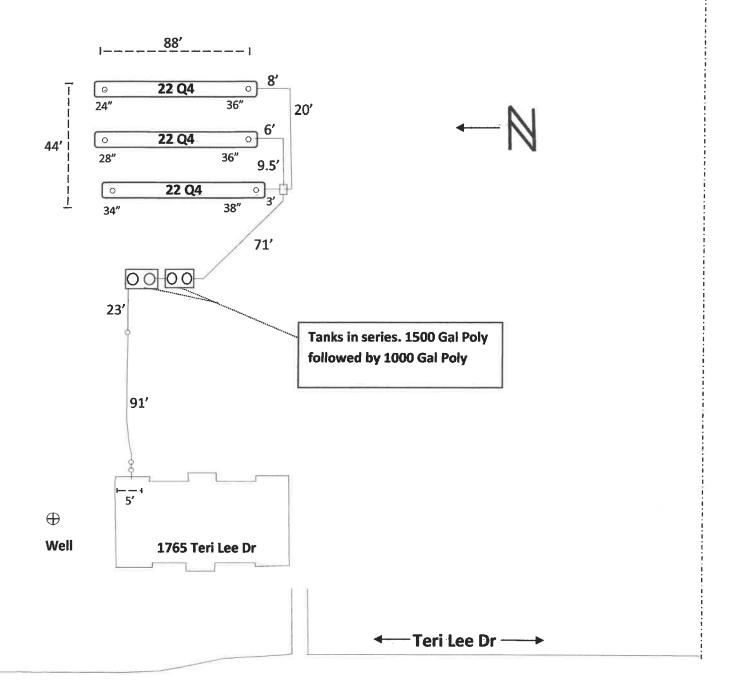
Total Sq. Ft installed: 792

Distribution: Gravity

Inflitrative Surface Depth: 24-38" Distribution Area Width: 41'

Total installed: 66

Notes: Not to scale, Sch 40 pipe, Record drawing on next page.



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.

Attn: KEVIN DICKERSON 1765 TERRI LEE DR PEYTON, CO 80831



EL PASO COUNTY PUBLIC HEALTH ENVIRONMENTAL HEALTH DIVISION

1675 W. GARDEN OF THE GODS ROAD, SUITE2044 COLORADO SPRINGS, CO 80907 PHONE: (719) 578-3199 FAX: (719) 578-3188 www.elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 1/10/2020 To 1/10/2021

PERMITEE:

KEVIN DICKERSON 1765 TERRI LEE DR PEYTON, CO 80831

OWNER NAME:

KEVIN DICKERSON

Onsite ID: ON0050297

Tax Schedule #: 4403005002 Permit Issue Date: 01/10/2020

Dwelling Type: RESIDENTIAL

of Bedrooms (if Res): 6
Proposed Use (if Comm):
Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements:

- A Conventional non-engineered OWTS system to be installed on site, requiring a minimum of Tier I licensed installer to be named prior to final approval.
- System installation includes gravity fed system with d-box to chamber in trenches. Minimum tank requirements 1750 gallon and 788 sq ft of soil treatment area (66 Q4 / 53 Arc 36 chambers required).
- The system must be installed per approved RMG non-engineered design document #171876 signed and dated 10.24.2019, 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.

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.

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.

Attn: KEVIN DICKERSON 1765 TERRI LEE DR PEYTON, CO 80831



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COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

Authorized By: Environmental Health Specialist

www.elpasocountyhealth.org



Reviewed 2017 approved fee (12/30/2015)

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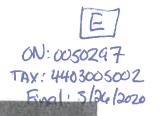
1675 W. Garden of the Gods Rd., Suite 2044 Colorado Springs, CO 80907 (719) 578-3199 phone (719) 578-3188 fax

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

Property Information:
Property Address: 1765 Terri Lee DC City and Zip: Peyton, 80831
Legal Description: Lot 5 Davis Ranch SUB FIL NO 2
Tax Schedule #: 4403005 002 Lot size:
Is the property gated: Yes No Please provide a gate code if necessary: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Site Located Inside City Limits: Yes No Proposed Use: Residential Commercial
Water Supply: Well Cistern Municipal Potential Number of Bedrooms:
Has a Conditional Acceptance Document been issued for this property: Yes No Unsure
Owner Information: Primary Contact
Owner: Kevin Dickersen Daytime Phone: 19-313-7033
Owners Mailing Address: PU Rox 388, Fountain, Co. 90817-0388
Email Address: Kd 80817 & Gmail Cem Fax #: N/2
Committee of the Commit
OWTS Installer Information: Primary Contact Zap Colorado Wanage Ment & live.
System Installer: A K + A Mechanism Daytime Phone: 119.492-4020
Email Address: Gary 6 kanda, ws Licensed installer: Tier 1 Tier 2
All engineer-design systems <u>must</u> be installed by a Tier 2 licensed installer
Zoning . RR-
CURRENT FEES AS APPROVED BY THE EI PASO COUNTY BOARD OF HEALTH
All Payments are due at the time of application submittal; by cash, check or major credit card (Visa / MC)
New Permit: \$750.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$920.00
Modification Permit: \$675.00 (EPCPH Charge) + \$23.00 (CEPHE Surcharge) = \$698.00
Major Repair Permit: \$535.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$558.00
Minor Repair Permit: \$245.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$268.00
Permits expire one year from date of issuance, unless otherwise noted
REQUIRED: Provide a complete written scope of work to be performed on the property.
REQUIRED: Frovide a complete written scope of work to be performed on the property.
Install New OWTS AS Der plans by KMG
chaineding. Dee Attached Owly Drawing)
RMG JUB # 171896
The following documents MUST be included with your application.
A soils report: including at least 1 soil profile excavation pit, in accordance with section 8.5 A-F of OWTS regulations A clean and to like decimal decimal decimal to the section of the section
 A clear and legible design document: including the proposed and alternate locations, as well as system layout, labeled with all setbacks to pertinent structures and features in table 7-1.
Provide directions to property, from a main highway, on the backside of application.
Failure to provide the above listed documents may result in denial of the permit application
I certify that the information provided on this application is in compliance with Section 8.3, Chapter 8 of the Onsite Wastewater System (OWS) Regulations of the El
Paso County Board of Health. I also authorize the assigned representative of El Paso County Public Health to enter onto this property in order to obtain information
necessary for the issuance of a permit.
Applicants Signature: Date: 12-21-26/9

Property address or lot number must be clearly marked and visible from the road. Profile excavation test pit and/or soil profile holes must be clearly marked Proposed and alternate soil treatment areas must be protected from compaction and disturbance Locked gates require the gate code or lock combination be provided on front of application Please provide directions to the property from a main highway, by text or picture, below. Excavation test Pits to be Clerkly Marked Proposed soil Treatment died to be protected from Comp & Dist No Jacked Gates on site. Open Aven Powers Blyd STAPleton PAVIS Rd * 1765 Terri lee Dr. Peyton, Co 80831 Failure to comply with the above information may result in an additional charge for a return trip. Site Inspection date: 12-30-49 Permit #: Date Approvals Rcvd: Development Services: 12-27-19 Floodplain/enumerations: 12-30-19 Design: Conventional Engineer Design Engineer: N4 Engineer Job #: 1-2-20

LTAR/Soil Type: 1.6 / Type 2 Groundwater: 1016 PP1/1016 PP2 Bedrock: 11-2-20





ROCKY MOUNTAIN GROUP

Job No. 171876

October 24, 2019

Kevin & Jenny Dickerson PO Box 388 Fountain, CO 80817

Da.

Onsite Wastewater Treatment System Evaluation

1765 Terri Lee Dr

Lot 5, Davis Ranch Subdivision, Filing No. 2

El Paso County, CO

Dear Kevin and Jenny Dickerson:

As requested, personnel of RMG – Rocky Mountain Group have performed a preliminary investigation, reconnaissance, and site evaluation at the above referenced address. The purpose of this preliminary investigation and the site evaluation is to provide recommendations for an Onsite Wastewater Treatment System (OWTS). During the inspection, a total of two 8-foot deep test pits (TP) were excavated in the vicinity of the proposed treatment area and as indicated on the site plan of the OWTS design document.

PRELIMINARY INVESTIGATION:

The purpose of our preliminary investigation was to review publically available and documented information related to the site. RMG has reviewed the above referenced site plan, identified the soil conditions anticipated to be encountered during construction of the proposed OWTS, and a review of documented National Resources Conservation Service (NRCS) data provided by websoilsurvey.nrcs.usda.gov.

It is our understanding that a 6 bedroom single family residence and detached barn are proposed at this site.

Based on the information provided by the client, the proposed treatment area is to be located to the east of the proposed residence, as indicated on sheet S(2) of the OWTS design document.

The soil conditions as indicated by the NRCS data referenced above are anticipated to consist of Truckton sandy loam. The Truckton sandy loam designation has a typical profile of sandy loam from 0 to 24 inches overlying coarse sandy loam from 24 to 60 inches below the existing ground surface.

A review of FEMA Map No. 08041C0785G indicates that the proposed treatment area is not located within an identified flood plain.

Southern Colorado: Colorado Springs, CO 714,548,0600

Central Colorado Buglewood, CO 103.688.947%

Northern Colorad : Greeky, CO 970.33a.1071

Puctio: 749 56 ...7780

Wordl, od Pade 719 487 6077

Manument: 719 488.2345

Fort C. Biss: 970,616,436



04/1/2000

1765 Terri Lee Dr Lot 5, Davis Ranch Subdivision, Filing No. 2 El Paso County, CO

Based on the preliminary information available for review, an estimated treatment size of 1,125 square feet is anticipated. This estimate was used in locating the field and profile pit excavations only and should not be considered part of the final design. Refer to the OWTS Design document for treatment area, size, and location.

Site conditions exposed during the Reconnaissance Visit and Detailed Soil Evaluation may vary from the preliminary investigation.

RECONNAISSANCE VISIT:

Personnel of RMG performed a reconnaissance visit on September 12, 2019. The purpose of this reconnaissance visit was to evaluate the site surface characteristics including landscape position, topography, vegetation, natural and cultural features, and current and historic land uses.

The site surface characteristics were observed to consist of low lying grasses and weeds across the entire site. From the west side of the proposed residence, the site general slopes down to the south and west at approximately 1 to 3 percent. From the east side of the proposed residence, the site generally slopes down to the south and east at approximately 4 to 6 percent. The proposed treatment area is to be located approximately 190 feet to the east of the proposed residence.

No significant drainage swales, man-made cuts, streams, or waterways were observed in the immediate vicinity of the treatment area.

The stake for the proposed well was located approximately 40 feet to the north of the staked house location and is indicated on sheet S(3). The treatment area is to be located a minimum distance of 100 feet from the well location. If this distance cannot be maintained, contact RMG prior to proceeding. No existing wells were observed within 100 feet of the proposed treatment area.

DETAILED SOIL EVALUATION:

Personnel of RMG performed a detailed soil evaluation of two 8-foot deep test pit excavations on September 12, 2019 (Test Pits TP-1 and TP-2), utilizing the visual and tactile method for the evaluation of the site soils. The soil profiles observed in the test pits are presented in the attached Figure No. 1. The locations of the test pit excavations are shown on sheet S(2) of the OWTS design document.

Neither groundwater nor bedrock were encountered in the test pits. A minimum separation of 4 feet shall be maintained from groundwater and bedrock, if encountered, to the infiltrative surface. If groundwater and/or bedrock are encountered at shallower depths during construction of the OWTS, RMG should be contacted prior to proceeding.

Redoximorphic features indicating the fluctuation of groundwater or higher ground water levels were not observed in the test pits.

The depth of the infiltrative surface is provided in the recommendations section of this report.

4/14/9000

There are no foreseeable or stated construction related issues or land use changes at this time.

RECOMMENDATIONS:

It is recommended that the treatment area be located in the vicinity of the test pits. Based on our observations, a long-term acceptance rate (LTAR) of 0.6 shall be used for the design of a Treatment Level 1 OWTS. The infiltrative surface shall be placed no deeper than 4 feet below the existing grade. There shall be a minimum cover of 1 foot (12 inches) over all OWTS components. If the minimum or maximum depth to infiltrative surface cannot be maintained, the contractor/owner shall contact this office for revised recommendations prior to proceeding with the construction of the OWTS. Reference manufacturer's installation instructions for all components specified in the engineer designed OWTS Design document.

LIMITATIONS:

This report is only valid in conjunction with the OWTS Design document engineered by RMG. The recommendations provided in this report are based upon the subsurface conditions observed in the profile pit excavations and accepted engineering procedures. The subsurface conditions encountered in the excavation for the treatment area may vary from those encountered in the profile pit excavations. Therefore, depth to limiting or restrictive conditions, bedrock, and groundwater may be different from the results reported in this letter. If subsurface conditions encountered in the OWTS treatment area differ from those indicated in this report, or problems arise, RMG should be retained to review the subsurface conditions prior to any work being performed or completed.

Should you have questions or require additional information, please do not hesitate to call.

Cordially,

RMG - Rocky Mountain Group

Tony Munger, P.E. Geotechnical Project Manager

0/14/3000

TEST PIT	TP-1			
DATE OBSERVED: 9/12/19				
SOIL DESCRIPTION	DEPTH (FT)	SYMBOL	SOIL TYPE	
0.0 FT - 8.0 FT SANDY LOAM (STRUCTURELESS)	2ft		2	

T <mark>EST PI</mark> DATE OBSER		2/19	_
SOIL DESCRIPTION	DEPTH (FT)	SYMBOL	SOIL TYPE
0.0 FT - 8.0 FT SANDY LOAM (STRUCTURELESS)	2ft ————————————————————————————————————		2

SOIL DESCRIPTIONS



SANDY LOAM (STRUCTURELESS)



Southern Offices
Colorado Springs, CO 80918
(719) 548-0600
Contral Offices:
Englewood, CO 80112
(303) 688-9475
Morthern Offices;
Greeley / Evans, CO 80620
(970) 330-1071

PROFILE PIT LOGS

1765 TERRI LEE DR. LOT 5, DAVIS RANCH SUBDIVISION FIL NO. 2 EL PASO COUNTY, CO JOB No. 171876

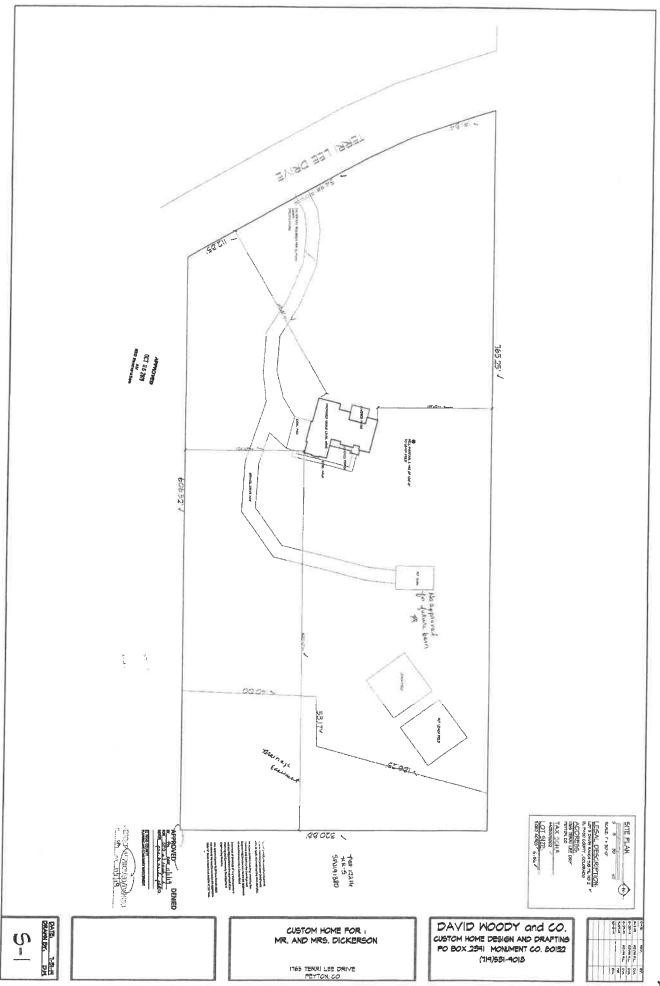
DATE 10/24/2019

FIGURE No. 1

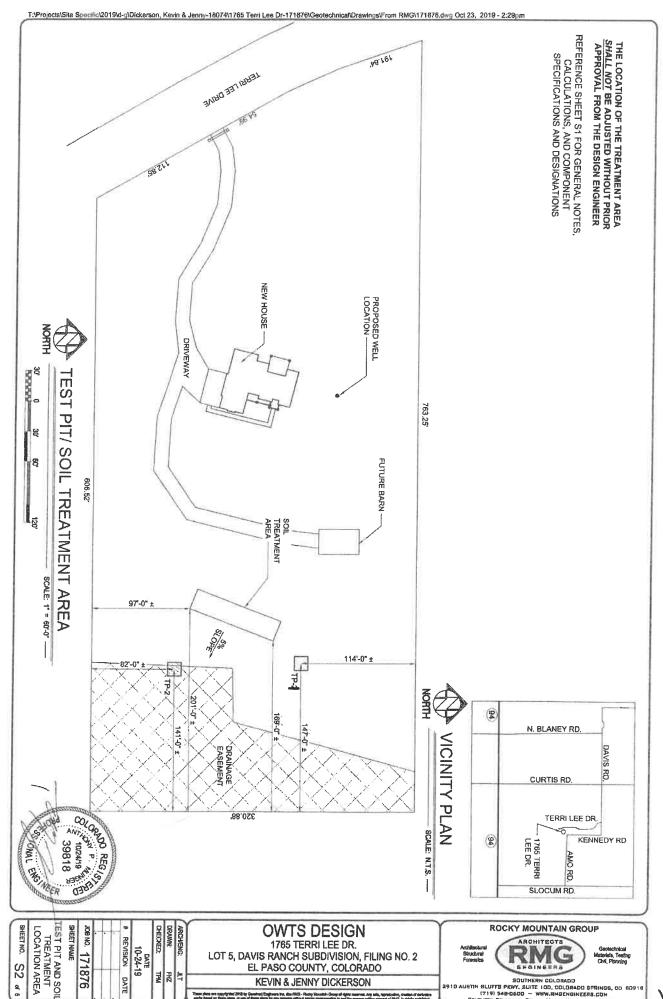
SHEET 1 of 1

4/14/2020





1-2-20



EL PASO COUNTY, COLORADO

KEVIN & JENNY DICKERSON

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SHEET NO.

S1 96

REVISION DATE

DATE 10-24-19

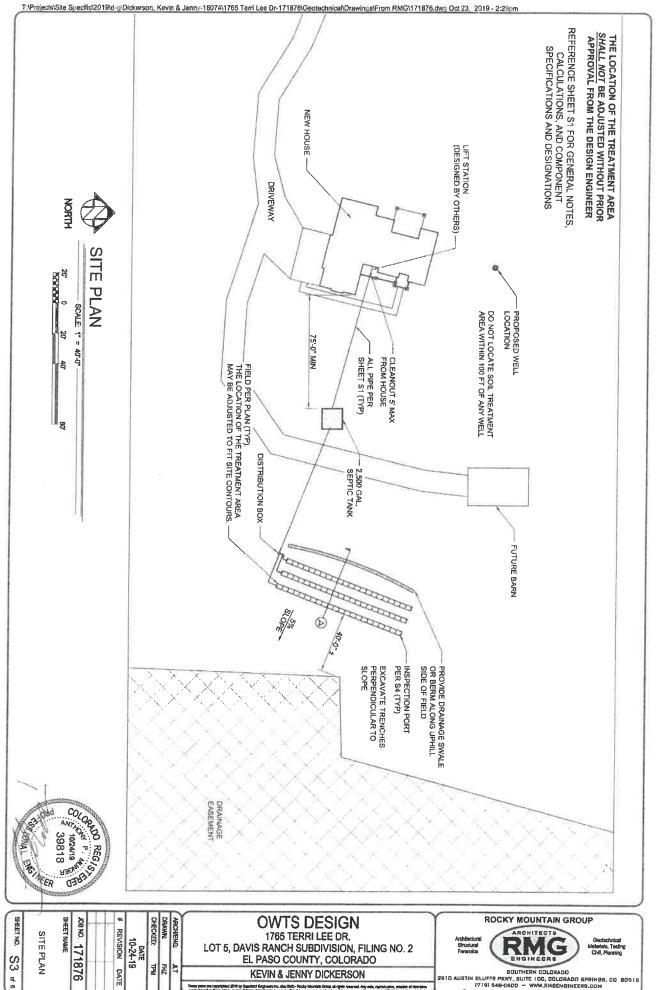
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ARCHITECTS

ENDINEERS

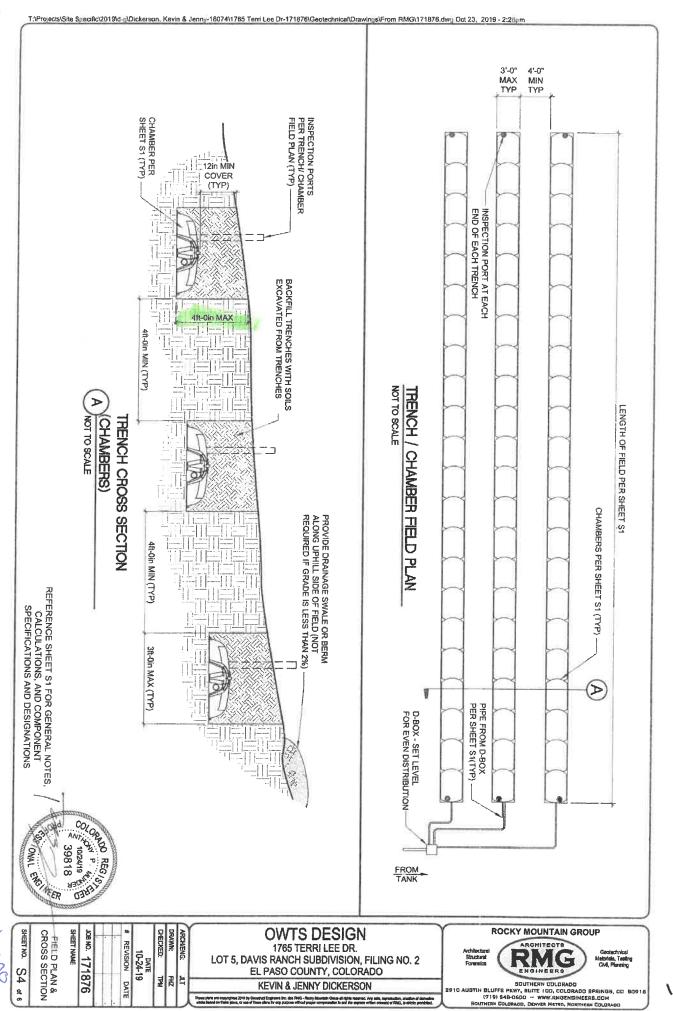
SDUTHERN COLORADO STIN GLUFFS PKWY, BUITE 100, COLORADO SPRINGS (719) S40-0600 – WWW.RMGENBINEERS.COM BOUTHERN GOLORADO, DEWYER METRO, NORWYERN COLORA BOUTHERN GOLORADO, DEWYER METRO, NORWYERN COLORA

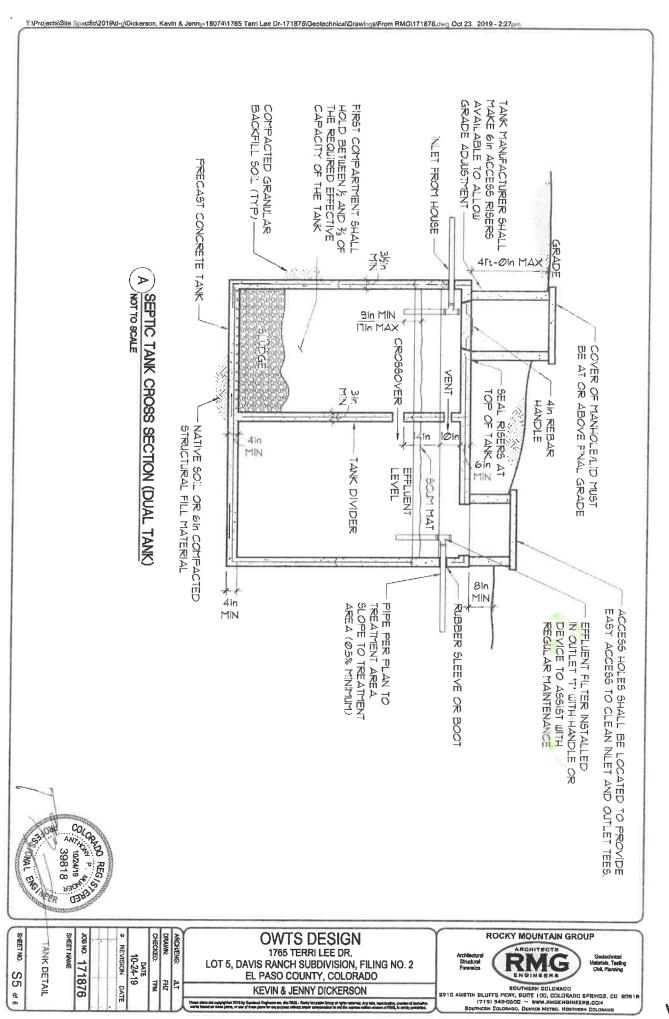
Structure



KEVIN & JENNY DICKERSON

BOUTHERN COLORADO
BOUTHERN COLORADO SPRINGS, CO 60916
[719] S48-0600 - WWW.RNGENGINEERS.COM
GOUTHERN COLORADO, DENTER METRO. NORTHERN COLORADO







INTRODUCTION: A On-site Westewater Treatment System (OWTS) significantly differs from municipal sewer connections and services. Connections to public utilities, such as municipal sewer systems, provides a virtual guarantee that a facility owner will of a system are primarity the size and distribution method of the system and the Long-Term Acceptance Rate (LTAR) of the soils system is distinctly limited as to the quantity and constituents of water or sewage (also known as effluent) sent. Limiting factors be able to send a large volume of water or sewage down the municipal sewer system with no particular problem. However, with an On-site Wastewater Treatment System (OWTS) (formerly known as septic systems), facility owners should be aware that in the soil treatment area (commonly referred to as an absorption or leach field)

OWTS, especially uphill of the soil trestment area, if applicable, should be graded to divert surface water or runoff away from the system. This can often be accomplished by construction of a berm or a swale around the uphill side and along the sides of the comprising the soil treatment area should never be mechanically compacted. After installation of the distribution lines, media, and other pertinent components, the covering soil should not be compacted and minimal to no grading should be performed above the soil treatment area. If a mound system is installed, the mound sand should be allowed to consolidate naturally by help limit future settling of the tank. Conveyance pipes should only slope uphill if a pump is installed at the bottom of the slope and an eir release valve is installed at the top of the slope. The lines in the distribution field should be installed level. If multiple sprinkling or lightly spraying with water to reduce settlement after the system is placed into operation. The area surrounding the the OWTS is properly installed. The subgrade below the septic tank should be well and evenly compacted prior to installation to An OWTS design does not comprise of a detailed, step-by-step guide to installation and many details relating to proper construction are omitted because they are already required by county regulations. If uncertain, contact an engineer or the must become familiar with the specific county regulations prior to proceeding with the installation process. Consult with the fields or different levels in the field are used, a device that will effectively distribute the effluent shall be installed. The soil regulating Health Department for further clarification. During installation, careful observation of several items will aid in ensuring Health Department for the regulating county prior to beginning installation to obtain the proper information and permits required. systems. Typically, a licensed or certified installer will be familiar with the current regulations in the area where the OWTS is to and proper operation and maintenance of a system cannot substitute for improper installation or poorly built components INSTALLATION: Proper Installation of an OWTS is crucial to developing a successful OWTS. Facility owner installation is not recommended. If the owner desires to perform the installation of the OWTS, they Careful or conservative design

OWTS. GENERAL OPERATION: implementing water conservation practices will help in preserving the iffespan of an OWTS. Reducing the amount of excess water that is fed to the system will help prevent if from overflowing, backing up to the sturcture or otherwise disrupting the proper functioning of the system. We recommend that feating daucets and origins to be replaid immediately, taking long showers should be excited, and dishwashers or washing machines should be run only when full and at reduced water foundation drains. Care and attention should be given to diverting or preventing unnecessary water from reaching the system OWTS can also be affected by the presence or introduction of surface water or runoff or from outlets from sump pumps and OWTS, as they can also kill the beneficial beddena and disrupt the functioning of the system. The proper functioning of an the system, shortening the lifespan of the system and causing an increase in required maintenance. We recommend the facility dump non-biodegradable materials (e.g. greases, plastics, nubber based materials) into the OWTS. These substances will not break down as desired in the septic tank and can lead to dogging or needing to pump the tank more frequently than would be and ongoing maintenance is essential to preventing future, premature failure of a system owner limit the use of common cleaning products (e.g. bleaches, disinfectants, and toilet bowl cleaners) that may reach ordinarily necessary. Do-not dispose of harmful or caustic chemicals (e.g. pesticides, paint thinner, oils, and entificeze) into the settings when possible. We also recommend against sending unnecessary materials into the system. Do not dispose of or These chemicals can kill the beneficial becteria that contribute to treating the effluent in the system and also damage

maintained appropriately. However, wastewater treatment systems do fail and may fail seatler than anticipated. Because the engineering or design of any OWTS relies on many variables, some of which are uncontrollable, systems may fail unexpectedly CAUSES OF FAILURE: Most On-site Wastewater Treatment Systems can function for years if installed, operated, and that can contribute to system failure are listed below. We cannot address all causes to system failure and this list should not be considered completely inclusive. installation, operation, and maintenance, as described previously, will help prevent system faiture. However, common factors and earlier than could have been predicted. There are many factors that may combibute to the failure of an OWTS. -EXCESS WATER USE: Sizing of On-site Westewater Treatment Systems is partially dependent on the design flow approved

by the governing county health department. If the amount of wastewater or effluent that is sent to the system exceeds this design flow, it can shorten the lifespean of an OWTS. Frequently exceeding the design flow can add significant stress to a system. Sending large amounts of water in a short time (e.g. draining hot tubs, multiple appliances draining water at once, multiple showers running at once) can also shorten the lifespan of an OWTS. Doing so can disturb the settlement process septic tanks, flood soil treatment areas, and otherwise damage or overwhelm individual components in the system. SURFACE DRAINAGE/RUNDFF: Allowing outside water sources (e.g. sprinklers, discharge from downspouts or subsurface

is important to maintain the surface grading uphill from the treatment area to ensure that surface water is directed away from drains) to flow into the soil treatment area should be avoided. Surface flows should be directed away from the treatment area. treatment area. Any landscaping improvements should also maintain positive drainage away from the treatment area

> To characteristic substances. These substances are intended to be separated from the wastewater in the applic tank before it is sent to the solid substances. These substances are intended to be separated from the wastewater in the septic tank before it is sent to the soil treatment area. Disrupting this separation process can cause these substances to enter the soil treatment area and settle in or clog the pipes. If the pipes become clogged, entire sections can become incipetable and unusable, adding additional stress in the renaining soil treatment area. If dogging occurs, it is often hard to detect and fix. Clogging can be prevented by a trodestonal CLOGGING: Soil treatment areas are designed to accommodate liquids only. They are not meant to handle

be allowed on the surface directly above the soil treatment area. We also discourage the installation of light structures NSTALLATION guidelines for more information on placement of soils above the components in the treatment area during installation. After installation, care should be taken to prevent additional compaction to the soils above the treatment area. Small animals (such as cats and dogs) and human traffic are unlikely to cause significant additional compaction. However, traffic over the treatment area. playgrounds, sheds) above the treatment area, as these structures may cause additional compaction and encourage additional directly above the treatment erea. Vehicular traffic will cause addition compaction and can quickly shorten the iffespan of larger animals, especially housed animals, can cause sufficient compaction to the soils and should not be allowed on the surface -COMPACTION: The effective treatment of wastewater in the soil treatment area also relies on the area's ability to breathe and receive first air. This allows the effluent to more effectively be treated and breakdown. Compaction of the soil above the soil treatment area can hamper the softs ability to treat the effluent by restricting the air flow to the treatment area. Refer to the Vehicular braffic can also cause the wastewater treatment system to fail by crushing components. Vehicles should not

and do not cover all aspects of an On-site Wastewater Treatment System. Following the previously discussed recommendations will not quarantee that the system will not fail. These items cover the common sources of failure and can help to preserve the lifespan of the system, but will not prevent all possible sources of failure. We recommend regular inspections by qualified care for and maintain the system. The previously discussed items regarding installation, care and maintenance are not inclusive often make it into the public sewer systems. It is an installer's responsibility to carefully install the components of a system both the design's specifications and the governing county health department regulations. It is a facility owner's responsibility SUMMARY: On-Site Wastewater Treatment Systems differ greatly from public sewer systems and require the facility owner to monitor and maintain the condition of the system and the components. On-site Wastewater Treatment Systems are complex systems that are designed to handle a limited amount of wastewater from a facility and carrock handle many of the materials that professionals to help monitor the system and prevent premature failure.

COLONIA P. 102419 1. 15 TOWN THE RE

SPECIFICATIONS

MAINTENANCE OPERATION &

SHEET NO.

S6 % 6

JOB NO.

171876

SHEET NAME

CHECKED

결정특

REVISION DATE

DATE 10-24-19

ARCHIENG

OWTS DESIGN

1765 TERRI LEE DR. LOT 5, DAVIS RANCH SUBDIVISION, FILING NO. 2 EL PASO COUNTY, COLORADO

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ROCKY MOUNTAIN GROUP ARCHITECTS

Asterials, Testing Civil, Planning

1910 AUSTIN BLUFFS PKWY, SUITE 100, COLO HERN COLORADO, DENVER METRO, NORTHERN COLORADO

BOUTHERN COLDRADO **KEVIN & JENNY DICKERSON**