

## ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT APPLICATION

Submit application to [HEASepticinfo@elpasoco.com](mailto:HEASepticinfo@elpasoco.com)

### PROPERTY INFORMATION

Applicant Name	Seeger Homes, Inc.		
Property Address	16530 Remington Rd.	City, State, Zip	Colo. Springs, CO 80908
Phone	719-632-9085	Email	guy@seegerhomes.com
Legal Description	Lot 1 Pegasus I, Ex that pt to rd by rec # 213146920		
Tax Schedule #	5122004013	Lot Size	19.86 Acres
Is the property gated?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Code:	Water Supply	<input checked="" type="checkbox"/> Well <input type="checkbox"/> Cistern <input type="checkbox"/> Municipal
Proposed Use:	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Multifamily <input type="checkbox"/> Commercial		Potential Number of Bedrooms:

### OWNER INFORMATION

Name	Richard & Kimberly Monson	Phone	951-368-3691
Mailing Address	16530 Remington Rd.	City, State, Zip	Colo. Springs, CO 80908
Email			
General Contractor	Seeger Homes, Inc.	Phone/Email	719-632-9085 guy@seegerhomes.com
System Installer		Phone/Email	

All engineered-design systems *must* be installed by a Tier II licensed installer.

### PERMIT FEES AS ESTABLISHED BY EL PASO COUNTY BOARD OF HEALTH

<input checked="" type="checkbox"/> New Permit	\$750.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$920.00
<b>Permit fee includes: Application design review, site evaluation, and 1 final inspection. Additional inspections incur additional fees</b>	
<input type="checkbox"/> Modification Permit	\$675.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$698.00
<b>Permit fee includes: Application design review, site evaluation, and 1 final inspection. Additional inspections incur additional fees</b>	
<input type="checkbox"/> Major Repair Permit	\$535.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$558.00
<b>Permit fee includes: Application design review, site evaluation, and 1 final inspection. Additional inspections incur additional fees</b>	
<input type="checkbox"/> Minor Repair Permit	\$245.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$268.00
<b>Permit fee includes: Application review, 1 final inspection. Additional inspections incur additional fees</b>	

**All Payments are due at the time of application submittal; by check or major credit card (Visa / MC)  
 Permits expire one year from the date of issuance, unless otherwise noted.**



Prevent • Promote • Protect

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 (Non-Engineered) On-site Wastewater Treatment System (OWTS) Design Worksheet – Short Form

Property Address: 16530 Remington Rd. City and Zip: Colo. Springs, 80908

Number of bedrooms: 3 Wastewater Design Flow (Table 6-1) 450 gal.

Work will be done by:  Owner  Licensed Installer Colo. Civil Const.

Note: - Homeowner installation requires the individual installing the system be the listed as the individual on the permit.

#### Water source:

Well  Municipal  Cistern

- Note: - Wells must be located 50' from septic tank and 100' from STA.
- The well must be installed and verified before final signoff will occur.
- An additional trip fee will be charged if EPCPH must return to verify the well location.

#### Soil Report:

Note: Report **MUST** stamped by Professional Engineer

Soil Type: 3 LTAR: .35

Note: - Most limiting layer found within the 4' below the intended infiltrative surface of either profile pit must be used.

Was a limiting layer of Bedrock or Groundwater found within 8 feet?  Yes  No

Groundwater found at NA inches. Bedrock found at N/A inches.

#### Septic Tank Requirements:

Septic Tank Material:  Concrete  Plastic

Tank Size (Table 9-1): 1250 Pump Tank size (if applicable): \_\_\_\_\_

#### Clean outs

Distance from structure to clean out: 5' (no further than 5' from structure)

Note: - There must also be a cleanout at least every 100' from structure to the septic tank

**Proposed Soil Treatment Area (STA):**

What is the installation depth range for the STA? 36" to 48" inches.

Depth of limiting layer: NA inches.

Must maintain appropriate separation

- |                            |   |  |
|----------------------------|---|--|
| Application of wastewater: | <input checked="" type="checkbox"/> Gravity                     | <input type="checkbox"/> Pump-to-gravity       |
| Distribution Layout:       | <input checked="" type="checkbox"/> Trench(s)                   | <input type="checkbox"/> Bed                   |
| Distribution Media:        | <input checked="" type="checkbox"/> Chambers                    | <input type="checkbox"/> Rock and Pipe         |
| Distribution Type:         | <input checked="" type="checkbox"/> Distribution box            | <input type="checkbox"/> Serial distribution   |
| Diverter Valve:            | <input type="checkbox"/> Yes                                    | <input checked="" type="checkbox"/> No         |
| Inspection Ports:          | <input checked="" type="checkbox"/> Beginning & End of trenches | <input type="checkbox"/> 4 corners of each bed |

Calculate the size of the STA:

Design Flow: 450 GPD,  
Reductions: Table 10-2: 1

LTAR: .35  
Table 10-3: .7

Show calculations here:

Sample calculation: 3-bedroom home: 450gpd, LTAR 0.8, gravity fed (1.0) chambers in trenches (0.7) system:  $450 / 0.8 = 562.5 \text{ Sq Ft} * 1.0 = 562.5 \text{ Sq ft} * 0.7 = 394$  (393.75 rounds up to 394) Sq ft

$450 / .35 = 1285.75 \text{ sq Ft} * 1 = 1285.7 \text{ Sq ft} * .8999 = 900$  Sq ft

For Chamber systems:

\*Note: total area is calculated by number of chambers and sq ft per chamber allotted.

Chambers:  Quick4 (12 ft<sup>2</sup>)  Arc36 (15 ft<sup>2</sup>) Total Chambers: 60 Total ft<sup>2</sup>: 900

For Rock and Pipe Systems:

Depth of Rock (under pipe): \_\_\_\_\_

Width of each trench/bed: \_\_\_\_\_

Total ft<sup>2</sup>: \_\_\_\_\_

Depth of Rock (over pipe): \_\_\_\_\_

Total Pipe Length: \_\_\_\_\_

Type of Cover on Rock: \_\_\_\_\_



**REQUIRED: ADDITIONAL PROPERTY INFORMATION**

System Type	<input type="checkbox"/> Engineered Design	<input checked="" type="checkbox"/> Conventional Design	Number of Structure(s) to be connected:	1
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Written Scope of Work:

*I nstall modular home and septic system*

Please provide directions to the property from a main highway:

*Woodmen Rd E, left on Black Forest Rd., Right on Vollmer Rd, Right on Hodgen Rd., Left on Remington Rd.*

- 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

*Failure to comply with the above information may result in an additional charge for a return trip.*

**COMPLETE APPLICATION INCLUDES**

**EPCPH will only accept submissions when all required components are included in submission.**

Colorado Professional Engineer (P.E.) stamped soils report:

**Soils report: including at least 2 soil profile excavation pits, in accordance with section 8.5 A-F of OWTS regulations**

Calculation/Design Worksheet

Clear legible 8.5'x11' Design Document

**Design document must include proposed and alternate locations, profile pit locations with respect to system layout, all setbacks to pertinent structures and features in table 7-1.**

I certify that the information provided on this application is in compliance with the Chapter 8 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.

Applicant Signature: *Dy Dobl* Date: 6/8/21

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5 Rows 12 chambers  
 Arc 36  
 6' separation between Rows  
 4" sch. 40 Pipe from House to tank  
 4" sch. 35 Pipe from Tank to Field  
 1250 Gal Tank  
 GPD = 450 gpd (3 bedrooms)  
 LTRR, 35  
 900 sq. ft. STA required

