



Arkansas Department of Health
Environmental Health Protection

Office Copy

Receipt Number
26085766

Individual Onsite Wastewater System Permit Application

Permit Type New Installation
 Alteration / Repair

DR Environmental ID #

0 3 0 2 1 2 0 8 3 3

Fee Schedule for Structures		√
Structures 1500 sq ft or less	\$ 30.00	<input checked="" type="checkbox"/>
Structures more than 1500 sq ft and up to 2000 sq ft	\$ 45.00	<input type="checkbox"/>
Structures more than 2000 sq ft and up to 3000 sq ft	\$ 90.00	<input type="checkbox"/>
Structures more than 3000 sq ft and up to 4000 sq ft	\$120.00	<input type="checkbox"/>
Structures more than 4000 sq ft	\$150.00	<input type="checkbox"/>
Alteration and Repair	\$ 30.00	<input type="checkbox"/>

Part 1 Application

Treatment Type (check one)

Disposal Method (check one)

<input checked="" type="checkbox"/> STD = Standard Septic Tank	<input type="checkbox"/> ATU = Aerobic Treatment Plant	<input checked="" type="checkbox"/> STD = Standard Absorption Field	<input type="checkbox"/> LPD = Low Pressure Distribution
<input type="checkbox"/> ISF = Intermittent Sand Filter	<input type="checkbox"/> RSF = Re-circulating Sand Filter	<input type="checkbox"/> SUR = Surface Discharge	<input type="checkbox"/> HLD = Holding Tank
<input type="checkbox"/> PMF = Proprietary Media Filter	<input type="checkbox"/> RGF = Re-circulating Gravel Filter	<input type="checkbox"/> CPF = Capping Fill	<input type="checkbox"/> SRL = Serial Distribution
<input type="checkbox"/> OTH = Other (Describe)	<input type="checkbox"/> HLD = Holding Tank	<input type="checkbox"/> OTH = Other	<input type="checkbox"/> DRP = Drip Irrigation

1. Owner's/Applicant's Name
Cindy Parker

2. Phone Number
417-543-2426

3. Mailing Address
P.O. Box 239, Theodosia, MO 65761

4. County
Baxter

5. Address of Proposed System (If a 911 address is not available, attach detailed directions or map)
Property between 207- 291 South Street on right.

6. Subdivision Name
Howard Creek Addition

7. Approval Date
N/A

8. Date Recorded
N/A

9. Lot Number
Blk C, Lots 10, 11, 12 & 13.

10. Lot Dimensions
202 x 329 x 200 x 329

11. Total Area (Acres)
1.40

12. # Bedrooms # People
2-Bedrooms

13. Daily Flow (GPD)
270

14. Brief Legal Description of Property (Attach a separate sheet of paper, if necessary)
Section 17, T20N, R14W

15. Water Supply (Specify supplier, if Public Water)
Lakeview/Midway Public Water

16. GPS Coordinates
36.398851°-92.500730°

17. Loading Rates	(gpd/ft²)	18. System Specifications					
Primary Area	0.75	a. Size of Septic Tank	1000	gal	f. Trench Depth	18	inches
Secondary Area	0.75	b. Size of Dose Tank	N/A	gal	g. Trench Spacing	8-10	feet
Percolation Test	(min/in)	c. Absorption Area	360	ft²	h. Trench Media (List Below)		i. Trench Width
Primary Area Avg	N/A	d. Number of Field Lines	3		Pipe and washed Creek Gravel		24 in
Secondary Area	N/A	e. Length of Field Lines	60' + 5'	ft			in

TO THE OWNER
The permit for construction may be deemed invalid by the local Environmental Health Specialist before the start of construction, if the site and/or soil conditions have changed after approval of this permit, or if the information within this permit is inaccurate or has been found to be misrepresented. Approval for operation does not constitute a guarantee that the system will function properly. The approval states that the system was designed and installed according to the Arkansas Department of Health, Rules and Regulations Pertaining to Onsite Wastewater Systems, unless there are exceptions or deviations noted in the comments. A Permit for Construction is valid for one (1) year from the date of approval. The authorized agent must revalidate a permit more than one (1) year old prior to the start of any construction.

19. Utilization Verification
I hereby attest that item 12, the number of bedrooms (number of persons for commercial) and square footage of the structure that will utilize the designed individual onsite wastewater system in this permit application, is accurate. I have reviewed the permit application and understand the layout, installation, maintenance, operation and expense(s) that may be associated with this system.

Owner/Applicant Signature *Cindy Parker* Date _____

20. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems.

Jeremy Uhlmann Registered Sanitarian Soil Certified Yes No
Designated Representative Signature Title
Jeremy Uhlmann, R.S. July 6, 2023 (870)425-0134
Print Name Date Phone Number

21. Approval of Health Authority
The information and specifications in the application has been reviewed and found to meet the requirements of the Arkansas Department of Health Rules and Regulations Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Richard D. Bryant 789 7-27-2023
Environmental Specialist Signature EHS Number Date

South Street

202.52'



Scale: 1" = 30'

Driveway

Proposed City
Water Line

Proposed 2- Bedroom

Bench
Mark
1.00'

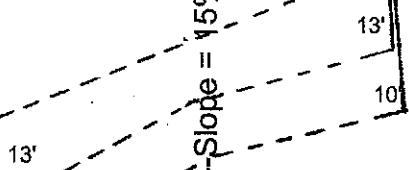
S/O
C/O

24'
1000
gallon

18'

3 Lines @ 65'

Slope = 15%



6'

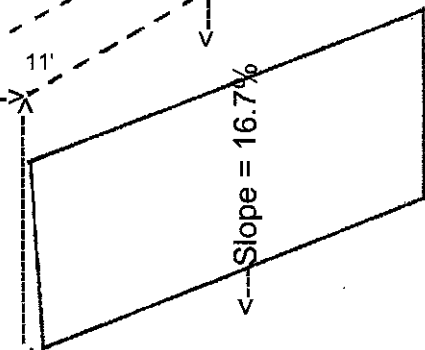
13'

10'

329' N.T.S

329' N.T.S

25'



Slope = 16.7%

110' N.T.S

200'

Drawing For:
Cindy Parker
Block C, Lots 10-13
Howard Creek Addition

Notes for septic system design for: Cindy Parker, Block C, Lots 10-13, Howard Creek Addition.

This is a new design for a proposed 2-Bedroom Individual subsurface wastewater disposal system.

1. **Septic tank:** New 1000 tank.
2. **Pump tank:** N/A
3. **Pump:** N/A
4. **Pump alarm:** N/A
5. **Pump line:** N/A
6. **Distribution device:** New Distribution Box.
7. **Absorption lines:** 3 lines each at 60' + 5' solid into trench.
8. **Media:** Washed 1/2" to 1 1/2" creek gravel, approved by Arkansas Dept. of Health.
9. **Trench Depth and Width:** 18" deep x 24" wide; 8-10' centers.
10. **Pipe specifications:** Schedule 40 or SDR 35 from septic tank to distribution box, SDR 35 from the distribution box to the absorption lines, ASTM 2729 in absorption lines. Pipe installed from the outlet tee of the septic tank to the distribution box or diversion device shall be Schedule 40 pipe for whatever distance is required to reach undisturbed soil, but in no case shall be less than ten (10) feet. Once a solid trench bottom is achieved the Schedule 40 pipe may be adapted to SDR 35 PVC pipe or ASTM 3034 PE (polyethylene) pipe for the remaining distance to the distribution box or diversion device. SDR 35 PVC, ASTM 3034 PE, or Schedule 40 PVC shall be used from the distribution box or diversion device to the perforated field line pipe.
11. **Setbacks:** All horizontal setbacks of septic system components are greater than 10 feet from neighboring property lines and homes. A greater than 10' horizontal setback from proposed public water line was observed. A greater than 100' horizontal setback from neighbors' private water well was also observed at this location.
12. **Construction Considerations:** Good management practices call for the redirection of surface water and building drainage around septic system and leach lines.

Elevations:

Stub Out(s):	FL—1.30'	Line #1:	65'	FL—8.05'
Tank Inlet:	FL—4.70'			G—6.55'
	G—2.85'	Line #2:	65'	FL—9.30'
				G—7.80''
Tank Outlet:	FL—5.10'(approx.)	Line #3:	65'	FL—10.75'
	G—3.60'			G—9.25'
Distribution Box:	FL—6.55'			
	G—5.75'			Benchmark: G—5.40'—Large Oak Tree to North of Proposed Tank.

*****Installation of onsite individual wastewater systems must be done during dry conditions.**

*****Please contact your local ADH inspector prior to installation, to begin scheduling an inspection to finalize your individual onsite wastewater system.**

Figure 1: Google Earth image dated October 29, 2020, with approximate property lines for Block C, Lots 10-13 of Howards Creek Subdivision, Midway, AR 72651. (Taken from Arkansas County Tax Data Scout, for reference only). Provided are markers for Proposed 2-Bedroom Home (Green), Proposed 1000-gallon tank (White), Neighbors' Existing Private Water Well with 100' Well Arc and public water supply line (Blue), Primary Leach Field (Yellow with Yellow outline) and Secondary System (Orange with Orange outline).

