



OKLAHOMA
Environmental
Quality

ENVIRONMENTAL COMPLAINTS AND LOCAL SERVICES DIVISION

REPORT FOR ON-SITE SEWAGE TREATMENT SOIL PERCOLATION OR SOIL PROFILE TEST (PLEASE PRINT or TYPE)

Work Order No. _____
System No. _____
Date Rec'd _____

GENERAL INFORMATION:

Name and Mailing Address of Property Owner: Housing Authority Cherokee Nations P.O. Box 1007 Tahlequah 74465
First Name Last Name Mailing Address City Zip Code
Owner Phone Number: _____ Owner's E-Mail Address (Optional): Gary Kirk
Property Address: 19479 S. Nalley Road Tahlequah 74464 Cherokee Oklahoma
Street Address City Zip Code County
Legal Description: A tract of land in the SE4 NE4 Section 03, T16N, R22E Lot Size in _____ ft² or 1 acres
Finding Location: Property is located on the NW corner of the intersection of S. Nalley Rd. and E. Powell Road in Tahlequah
(Blocks or miles from a given point)
Water Supply: ☐ Individual Private Well or ☒ Public Water Supply - Name: Cherokee Co. RWD
GPS Coordinates: Lat: 35.89325 Long: -94.94978

WATERBODY PROTECTION AREA:

Dispersal field located in Water Body Protection Area (check one): ☐ Zone 1 ☒ Zone 2 ☐ None

Flow Certification: 27A O.S. 2001, Section 2-6-403 states: "It shall be the duty of the person contracting with an installer who is modifying or installing an on-site sewage treatment system for a residence or business to certify the number of bedrooms in the residence or the water usage of the business that will be served by the sewage treatment system so that the system can be properly sized."

☒ This individual sewage treatment system will serve an individual residence or duplex with the following # of bedrooms 3
☐ The estimated flow or actual flow for this small public sewage system is _____ gal/day and is a _____

Gary Kirk Brian Miggetto
Print First Name Last Name Signature Date Signed
6/20/2025

SOIL TEST RESULTS:

Soil Profile Description						Soil Percolation Test Description		
Depth of Test Hole	HOLE #1		HOLE #2		HOLE #3		Shallowest Groundwater Depth	Overall Percolation Rate
	Group	Depth* to Limiting Layer ^a	Group	Depth* to Limiting Layer ^a	Group	Depth* to Limiting Layer ^a	inches	minutes/inches
0-6"	3		3		3			
6-12"	3		3		3			
12-18"	3		3		3			
18-24"	3		3		3			
24-30"	3	RG 26"	3	RG 30"	3	RG 30"		
30-36"								
36-42"								
42-48"								
48"-54"								

*Depth in inches (in.) †Limiting Layer: GW = Ground Water RX = Redox (must be 2 consecutive intervals) RC = Rock GS = Group 5 Soil

CERTIFIED SOIL TESTER USE ONLY:

I certify that I conducted the above-described soil profile description or percolation test in compliance with OAC 252:641 on 6/20/2025
Data Test Performed
Email: okblgmig@yahoo.com
Brian Miggetto
Soil Tester's Signature Brian Miggetto SP037 ES #1260
P.O. Box 2038 Tahlequah OK 74465 918-822-7988 6/20/2025
Address City State Zip Phone # Certification # Number Date Signed
*This includes your Certification Number provided by DEQ or your Registration Number associated with your RPS, RPES, PE, LS, or SS.

DEQ USE ONLY:

☐ Soil Test Performed by DEQ on (date): _____
☐ DEQ Soil Profile Test ☐ Joint Soil Profile
Notes: _____
☐ DEQ Reviewed and Accepted
☐ DEQ Reviewed and Rejected

Environmental Specialist's Signature Employee ID Date Signed

Revised 10/2024

DBQ Form 641-581

SYSTEM DESIGN: Check all that apply.

TREATMENT:

☐ Septic Tank with _____ gal. liquid capacity ☒ Aerobic Treatment ☐ Aerobic Treatment with Nitrogen Reduction

DISPERSAL:

☐ CSA: soil group _____ or percolation rate of _____ (min/inch) with _____ feet of perforated pipe with storage media or _____ feet of manufactured media systems. The trench bottom shall be no deeper than _____ inches.

☐ SE: soil group _____ with _____ feet of subsurface absorption trenches. The trench bottom shall be no deeper than _____ inches.

☐ ET/A: soil group _____ with _____ feet of evapotranspiration trenches. The trench bottom shall be no deeper than _____ inches.

☐ L: with bottom dimensions of _____ feet by _____ feet or a diameter of _____ feet.

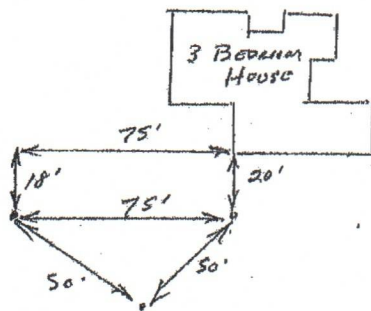
☐ DI: soil group _____ with a _____-gallon capacity pump tanks and _____ feet of drip line no deeper than _____ inches.

☒ SI: soil group 3 with a 700-gallon capacity pump tank and 4,039 square feet of surface application area.

☐ An Alternative system as described on the attached DEQ Form 641-581 Sup, "Supplemental Application for an Alternative System".

LOCATION OF TEST HOLES: Show the location of all test holes in relation to two fixed reference points in the sketch box below.

SKETCH BOX



REMARKS: