



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
Owner Phone Number:
Owner's E-Mail Address (Optional): Art Ballard
Property Address: 21085 S. 387 Road Ft. Gibson 74434 Cherokee, Oklahoma
Legal Description: SW4 NW4 NE4 Section 17, T16N, R20E Lot Size in ft^2 or 1 acres:
Finding Location: At the intersection of Hwy. 80 & S. 387 Rd., go South on S. 387 Rd. for .2 miles, house on right
Water Supply: Individual Private Well or Public Water Supply - Name: Cherokee RWD #1
GIS Coordinates: Lat: 35.86852 Long: -95.20543

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
Art Ballard Signature Date Signed 3/03/2025

SOIL TEST RESULTS:

Table with columns: Soil Profile Description (HOLE #1, HOLE #2, HOLE #3), Soil Percolation Test Description (Shallowest Groundwater Depth, Overall Percolation Rate, Percolation Rates). Includes percolation test data for depths 0-6" to 48"-54" and test hole depths 36 inches.

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 3/03/2025 Date Test Performed

Email: okbigmig@yahoo.com
Brian Miggetto
SP037 ES #1250
Tahlequah OK 74465 918-822-7988
3/03/2025

DIQ USE ONLY:

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

Environmental Specialist's Signature Employee ID Date Signed

**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.

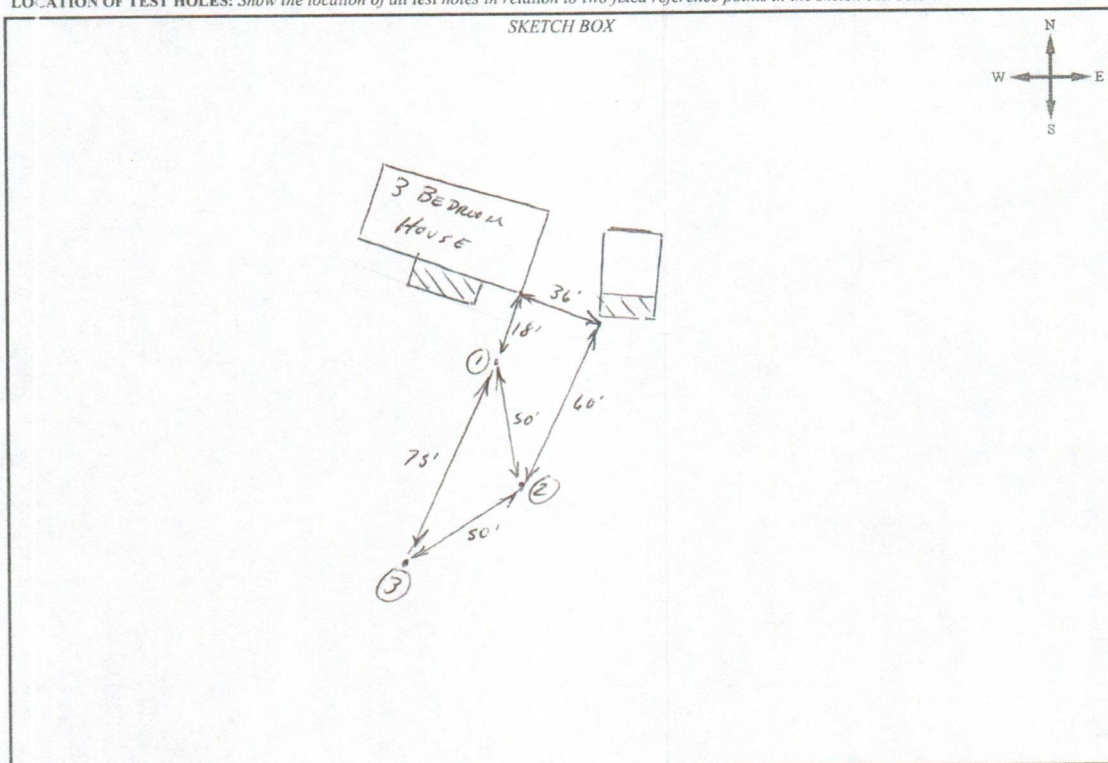
L: with bottom dimensions of \_\_\_\_\_ feet by \_\_\_\_\_ feet or a diameter of \_\_\_\_\_ feet.

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

SI: soil group 5 with a 700-gallon capacity pump tank and 6,215 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.



**REMARKS:**