



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES**

PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

Issued to: <u>Hunter Alley</u> Location: County: <u>Roane</u> Address: <u>Smokey Run Rd</u> City: <u>Rockwood</u> Subdivision: <u>Part of Smokey Run Mitigation Easements</u> Lot #: _____ Map: <u>093</u> Group: _____ Parcel: <u>002.00</u>	Evaluation Based Upon: ☐ 1. Soil Typing by Soil Scientist ☐ a. General ☐ b. High Intensity ☐ c. Extra High Intensity ☒ 2. Soil Percolation Test ☐ 3. Environmental Scientist Estimated Absorption Rate: <u>96</u> MPI	Type of System: ☒ 1. Conventional ☐ 2. Modified Conventional ☒ 3. Conventional System Substitute ☒ Chamber ☒ Expanded Polystyrene ☒ Large Diameter Gravelless Pipe Gravel backfill in a 24 in. wide trench required? <u>Yes</u> ☐ 4. Low Pressure Pipe ☐ 5. Mound ☐ 6. Lagoon ☐ 7. Subsurface Drip System ☐ 8. Other: _____
Installation: ☒ 1. New Installation ☐ 2. Repair to Existing System ☐ 3. System Modification ☐ 4. Large System Establishment: ☒ 1. Residential: # Bedrooms <u>1</u> ☐ 2. Other: _____ Gal/Day: _____	Approval Based Upon: State No. T.C.A. 68-221-403 ☒ (c) Percolation Test ☐ (d) Grandfather Clause - Current standards except those specified ☐ (f) 12" (karst) and 6" (non-karst) buffer required ☐ (m) 3 rd Party Permit Package ☐ (i) 9" Buffer required (24"-36" total soil depth) ☐ (k) Grandfather Clause - Meets June 30, 1990, standards (repair only) ☒ Current Standards ☐ Other: _____	
The system shall consist of a two-compartment septic tank holding <u>750</u> (min) gallons, with <u>144</u> linear feet in <u>3-4</u> trenches, <u>36</u> inches wide and <u>24</u> (min) to <u>30</u> (max) inches in depth. (Depth of gravel: <u>12</u> inches) SIP Depth (in): _____ SIP Length (ft): _____ SIP Comments: General Comments: See all notes on permit drawing. Note depth restriction. No reduction for using 3' chamber.		Also Required: ☐ 1. Soil Improvement Practice (SIP) ☐ Curtain Drain ☐ Drawdown Drain ☐ Interceptor Drain ☐ 2. Flow Diversion Valve ☐ 3. Sewage Pump Pump Flow Rate (gpm): _____ TDH (ft): _____ ☐ 4. Single Compartment Pump Tank, Volume (gal): _____ ☐ 5. Other: _____

All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

Please see attached drawing and supporting documentation.

The recipient of this permit agrees to construct or have constructed the above-described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before inspected and approved, it shall be uncovered by the recipient of the permit at the direction of personnel of the Department of Environment and Conservation. **Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.**

By: Jeff Platt
(DWR Staff)

Date: 10/02/2026
(Date of Issue)

This permit is valid for 3 years from date of issue.

This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.

Tennessee Department of Environment and Conservation - Division of Water Resources
Permit for Construction of a Subsurface Sewage Disposal System



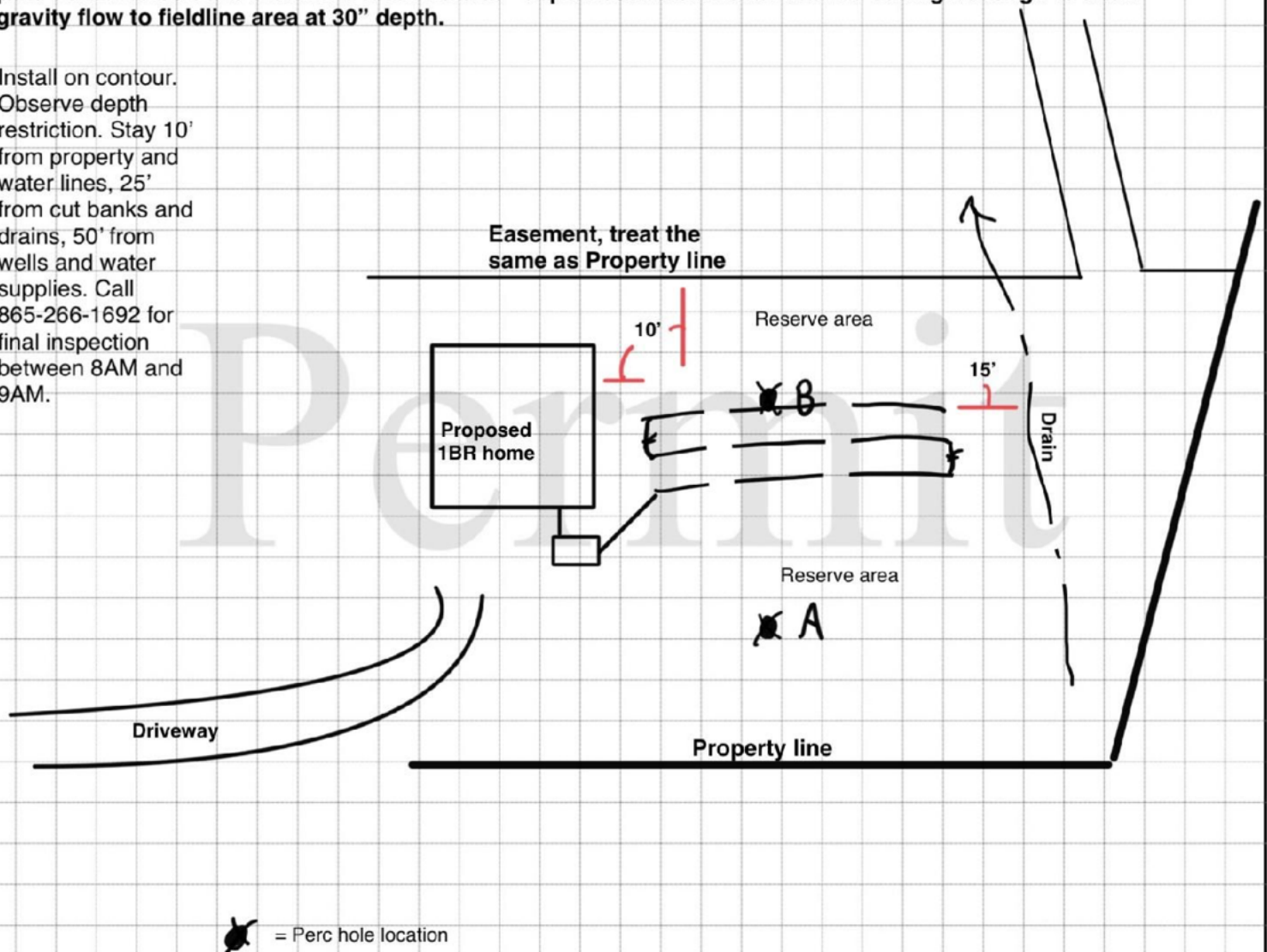
Issued To: Hunter Alley
Location: TBD Smokey Run Rd.
Rockwood - Roane County
Northeast corner of what is currently
map 093 parcel 002.00
Inspector: Jeff Platt ESIII *Jeff Platt*
Date: 10/2/26

General Notes:

- Please refer to the design specifications for the subsurface sewage disposal system on the first page of the construction permit.
- Contact the local Division of Water Resources representative to schedule a final inspection.
- All electric components (e.g., pump, alarm, etc.) for the subsurface sewage disposal system must be inspected and approved by the appropriate electrical inspector prior to requesting a final inspection. Documentation of the electrical inspection must be available during the final inspection.

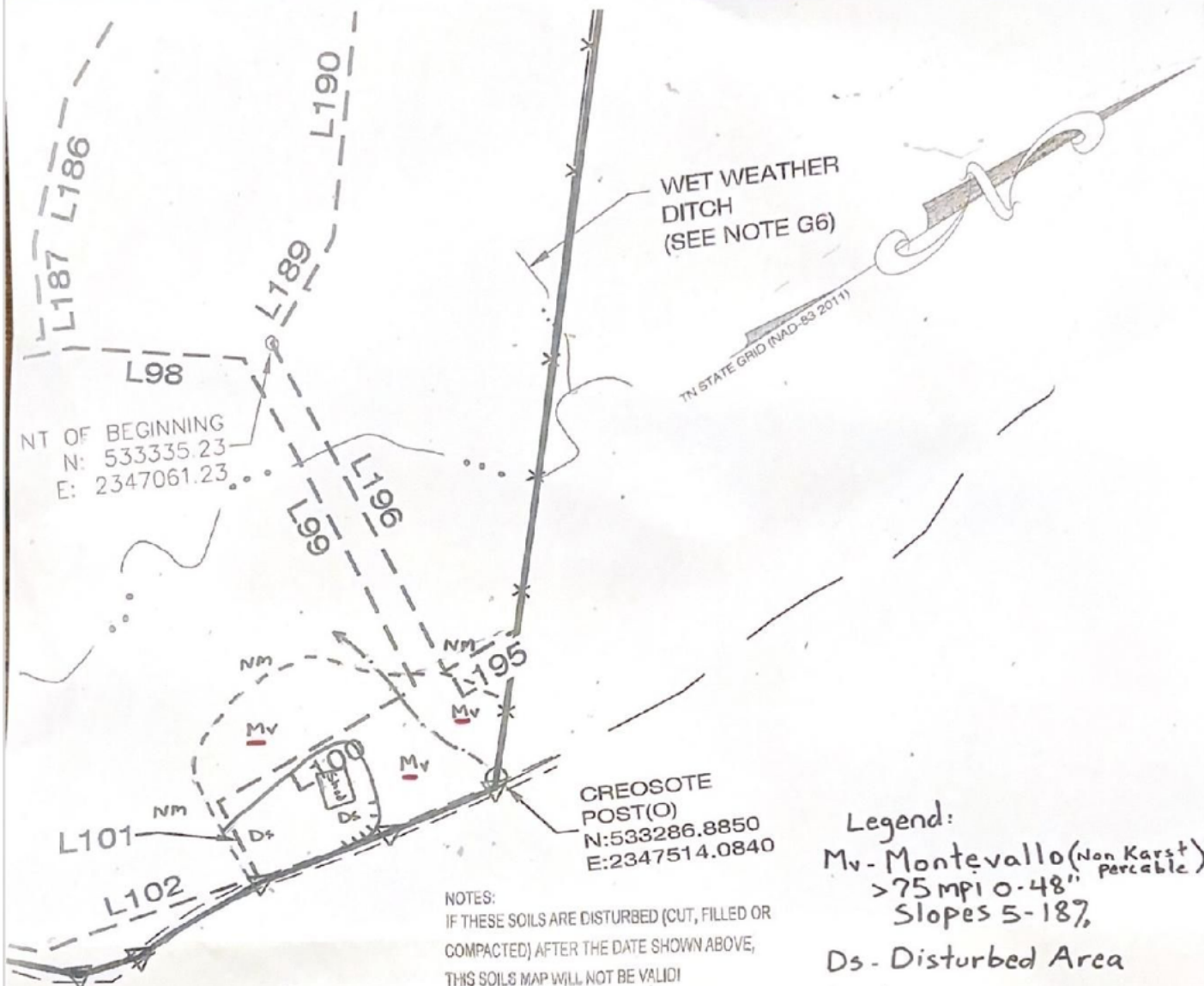
All fieldlines must be within 25' of perc hole. Locate home at least 35' from perc holes and set tank outside of perc hole area so as to maximize area. Note 30" depth restriction. Tank must be set high enough to allow gravity flow to fieldline area at 30" depth.

Install on contour.
Observe depth restriction. Stay 10' from property and water lines, 25' from cut banks and drains, 50' from wells and water supplies. Call 865-266-1692 for final inspection between 8AM and 9AM.



= Perc hole location

GPS for Perc hole B = 35.79150 -84.72225



NOTES:
IF THESE SOILS ARE DISTURBED (CUT, FILLED OR
COMPACTED) AFTER THE DATE SHOWN ABOVE,
THIS SOILS MAP WILL NOT BE VALID

DUE TO THE NATURE OF THE GEOLOGY THESE SOILS
MAY HAVE SUBSURFACE PINNACLE BED ROCK.

INSTALL DURING DRY CONDITIONS SO AS TO NOT
SMEAR THE SIDE WALLS AND BOTTOM OF TRENCHES.

DEPTH TO HARD ROCK IS GREATER
THAN 30 " GENERALLY IN THE
Mv MAP UNIT, PERCOLATION

TEST CAN BE RAN:

Legend:
Mv - Montevallo (Non Karst)
>75 mpi 0-48" Percable
Slopes 5-18%
Ds - Disturbed Area
Drain — — — —> 15'
NM - Not Mapped

This soil map is to evaluate the site for a subsurface
sewage disposal system only. I, Arthur Grant Dunn,
affirm that this soil map meets the Standards established
in the Regulations to Govern Subsurface Sewage
Disposal, the Soils Handbook and the Soil Taxonomy.
No other warranties are made or implied.
Signature of Soil Consultant does not constitute
approval of this map by the Division of Water Resources.
High Intensity Soil Map Completed by:

7-24-26

Date

Arthur Grant Dunn, Soil Scientist

High Intensity Soil Map

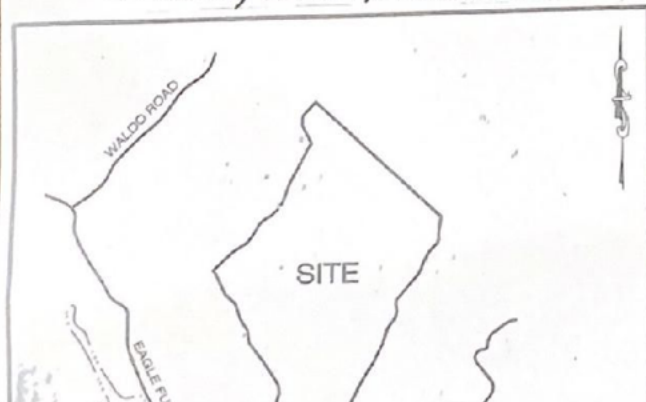
For: Alley Realty and Auction 865-337-3038
117 Huxley Rd # B1, Knoxville, TN

GRAPHIC SCALE



(IN FEET)

1 inch = 100 ft.



Roane County, TN
Civil District 5

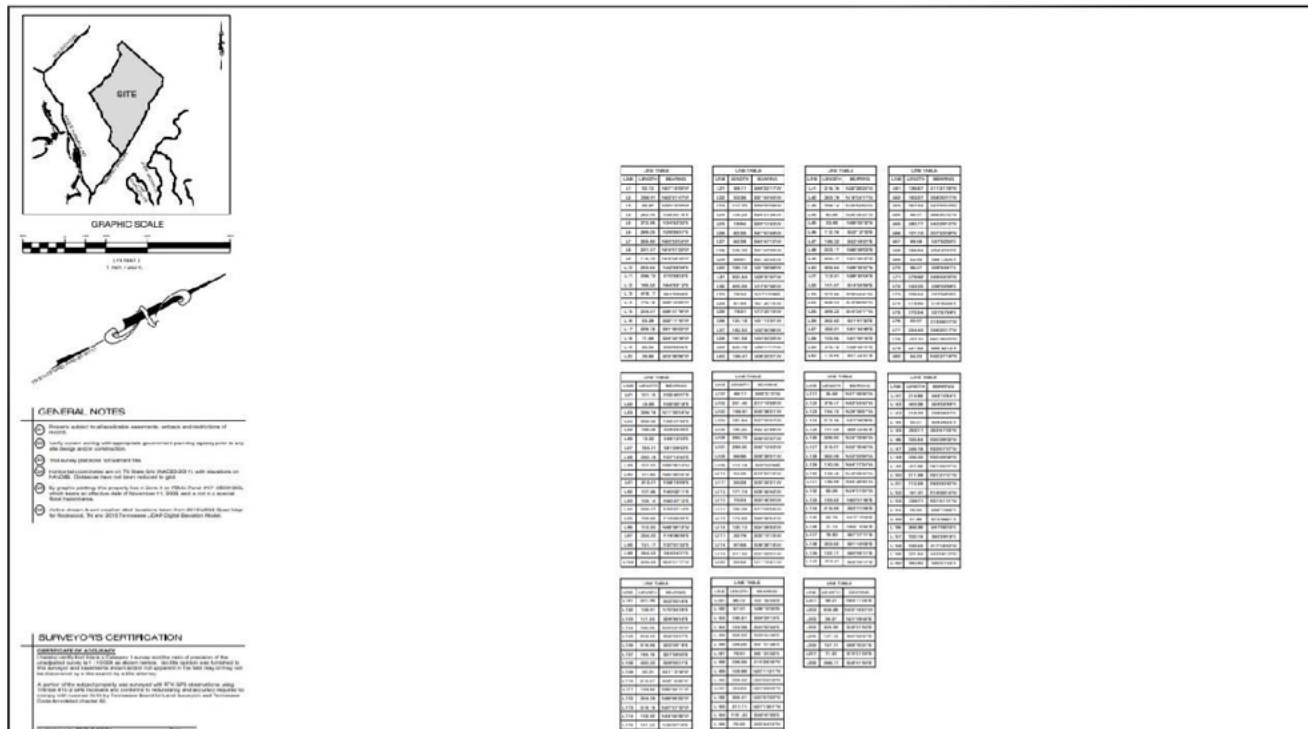
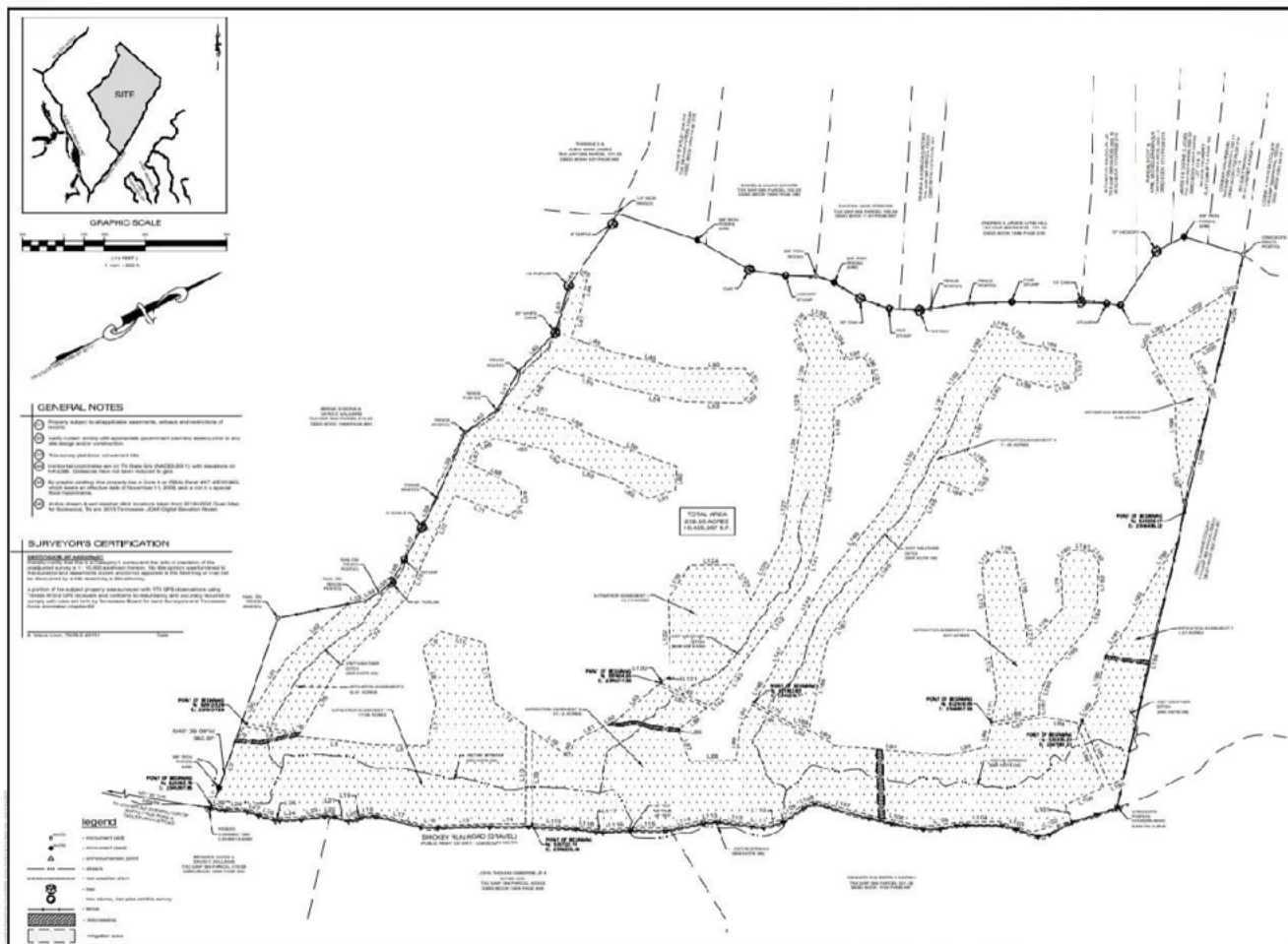
Tax Parcel Id:
Map 093 Parcel 002.00

Deed Ref(s):
Book 1385 Page 447

Plat Ref (s):

BOUNDARY SURVEY OF:

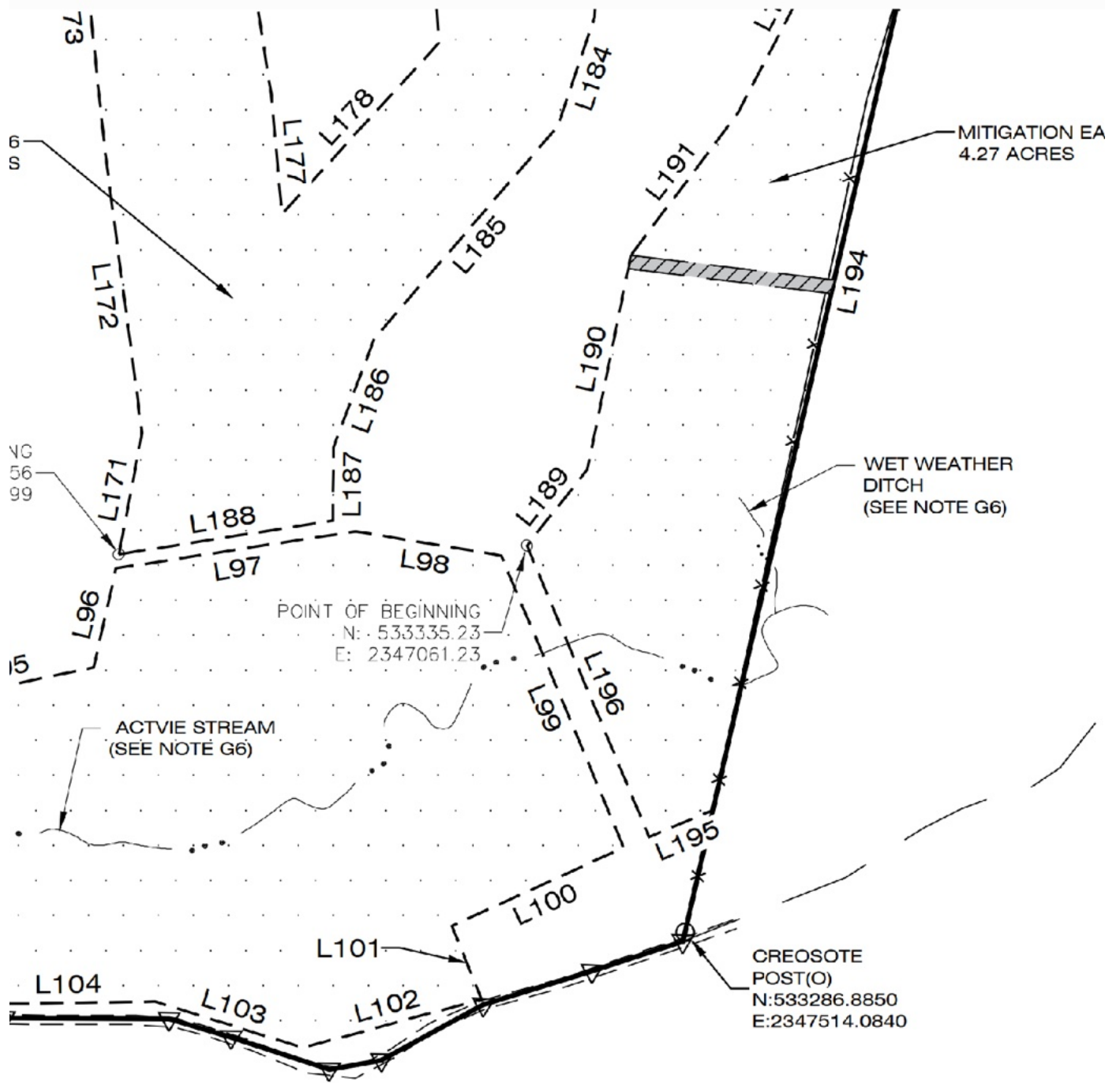
SMOKEY RUN MITIGATION
FACEMENTS



Summarize this document

Extract key information

Ask Copilot





TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
Land-Based Systems Unit
William R. Snodgrass – Tennessee Tower
 312 Rosa L. Parks Ave., 11th Floor
 Nashville, TN 37243-110

APPLICATION FOR WATER RESOURCES SERVICES
APPLICANT
COMPLETE QUESTIONS

1. Service Requested (Check Service)**Fees Due**

☒ Septic System Construction Permit	
☒ Dwelling	\$ 400.00 PAID
Commercial: gdp	\$
System Modification	\$
Repair	\$
☒ Conventional Construction Inspection	\$ 100.00 PAID
Inspection Letter	\$
Certificate of Verification	\$
Water Sample	
Total Coliform	\$
Fecal Coliform	\$
Alternative System Permit	\$
Alternative Construction Inspection	\$
Large Conventional System Plan Review	\$
Large Alternative System Plan Review	\$
Experimental System Plan Review	\$
Subdivision Evaluation: Lots: _____	\$
Pumping Contractor – Septage Application	\$

2. LANDOWNER:**APPLICANT:****Site Address:**

Names: Mitigate Tennessee LLC Mitigate Tennessee LLC

Address: 140 E Tyler St Ste 400
Longview, Texas 75601-7242

Day Phone: 8653865043

Original Owner: _____

Names: Hunter Alley

Address: 117 Huxley Rd STE B-2
Knoxville, Tennessee 37922

Day Phone: 8653865043

Email: hunter@allevauction.com

Address: Smokey Run Rd
Rockwood, Tennessee 37854-5757

3. LOCATION OF LOT OR SITE:

a) Subdivision Name: _____

Lot # _____

This is for the evaluation of a ~30,000 sqft area for a home on a ~240 acre parcel. The majority of the parcel has mitigation easements on it making this site the only feasible spot to construct a home. Home will go approximately where the current shed exists. I have emailed over a soil map by Grant Dunn of the area along with a survey. We discussed a sketch of the homesite but I forgot to mention it'll go where the shed is marked on the soils map.

b) In a subdivision? No

Give specific directions and address to the lot or site

c) Tax Map _____

Parcel _____

FOR SSDS PERMIT**4. ONLY:**a) Size of lot 238.00b) Number of Bedrooms 5

Bedrooms Added _____

c) How many occupants? _____

d) Excavated Basement? Yes _____ No Xe) Basement Plumbing Fixtures? Yes _____ No X

f) Amount of water used monthly (gallons) _____

g) Water Supply: Public _____

Well X

Spring _____

h) Is the lot staked? Yes

If not, date it will be staked: _____

Is the house staked? Existing Structure

If not, date it will be staked: _____

i) Installer, if known: _____

5. FOR INSPECTION LETTER ONLY AND CERTIFICATE OF VERIFICATION ONLY:

a) Age of house _____

b) Is house vacant? _____

How long? _____

c) Original sewage system inspected _____

d) Date of previous repairs _____

Inspected _____

e) Is wastewater "backing up" into plumbing fixtures? _____

Surfacing on the ground? _____

f) All wastewater including washing machines routed into septic tank _____

6. FOR WATER SAMPLE ONLY: a) Source of Supply: Spring _____

Well _____

Other _____

b) Is there an outside faucet? _____

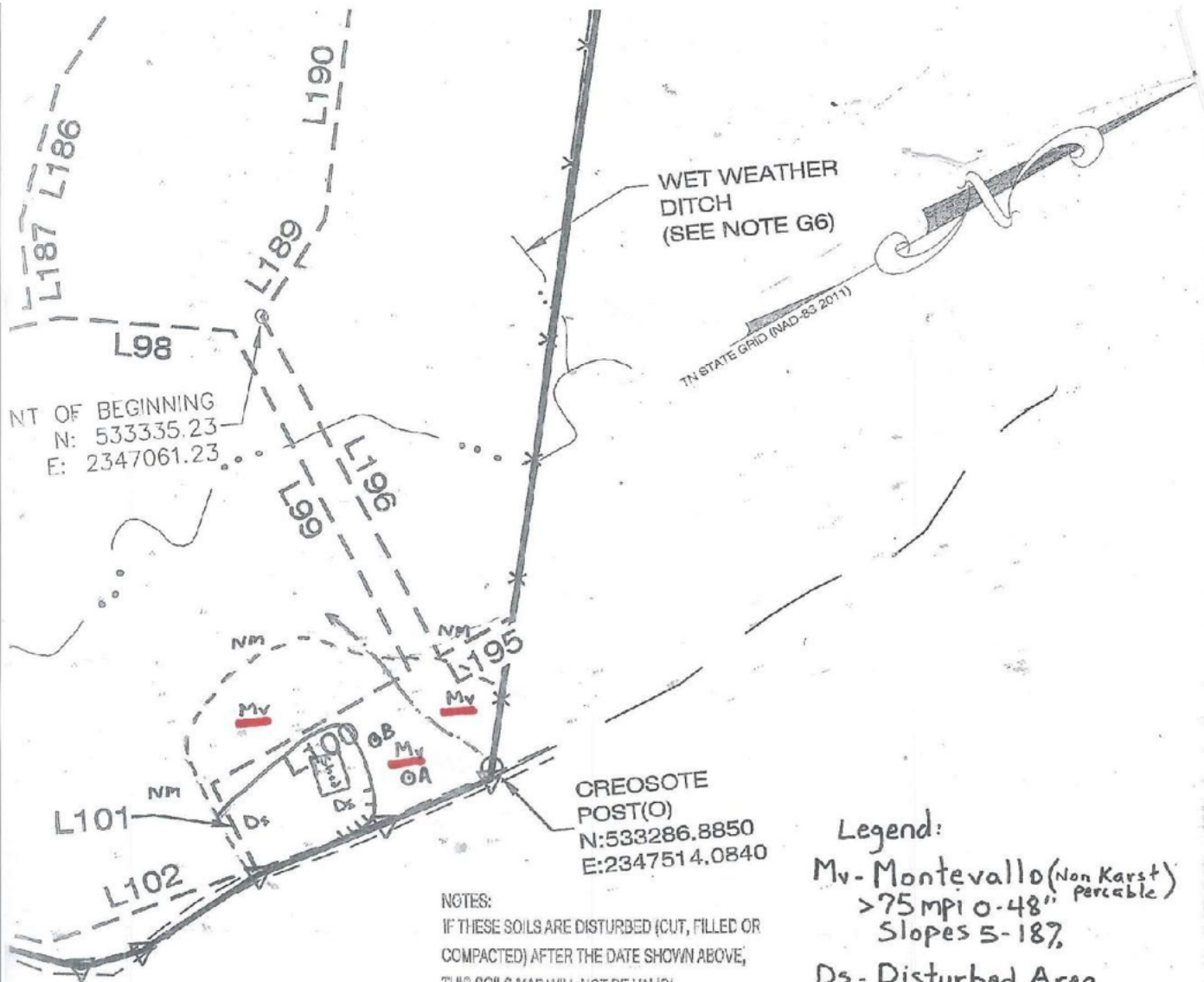
c) Is the source chlorinated? _____

d) For Wells: Is the casing 6" above the ground? _____

Is a sanitary seal on the casing? _____

7. I certify that the above information is true and correct to the best of my knowledge; **I have been authorized by the above name landowner** to submit this application for Environmental Services to the Division of Water Resources.

DATE: Aug 24, 2026SIGNATURE: Hunter AlleyAMOUNT PAID: 500.00RECEIPT NUMBER: 3926227952



NT OF BEGINNING
N: 533335.23
E: 2347061.23

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Tax Parcel Id:
Map 093 Parcel 032.00
Deed Ref(s):
Book 1055 Page 447
Plat Ref(s):

BOUNDARY SURVEY OF:

SMOKEY RUN MITIGATION
EASEMENTS



9-16-26	4:30pm
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DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GROUND WATER PROTECTION

REPORT OF SOIL ABSORPTION TEST

2. Sheet 1 of 1

3. Date 9-18-26.

4

Boane County

• Location (Subdivision Name or Number, Lot Number or Street Numbers, County and/or Town)

G. Davey Hunter Alley 865-381-4176

Owner/Developer

6. 171 Smokey Run Rd

Address

[illegible]

Remarks

Engineer/Architect/Surveyor/Soil Scientist