

Final Inspection and Certification Letter

31 August 2021

San Juan Basin Health
281 Sawyer Drive
Durango, CO 81303

Re: PERMIT #: WWP2021-0202
DeWayne Todd
7100 CR 501
Bayfield, CO 81122

Dear SJBH Health Representative:

The above referenced OWTS has been installed, completed, and tested according to the drawings and plans on file with SJBH. Total deviation of the system base elevation was less than 2 inches across the width of the system. The squirt test was satisfactorily performed and witnessed by both SJBH and BPI before completion of the system.

The following photos were taken after completion on August 28 2021, and are submitted as record of the satisfactory installation.



Figure 1: Upper STA Area with Inspection and Valve Access Risers



Figure 2: Lower STA Area with Distribution Valve Risers, Inspection Risers



Figure 3: Flow Adjusting Ball Valves



Figure 4: S squirt Test Photo by SJBH



Figure 5: Final Site Grading Looking West



Figure 6: Final Site Grading Looking East

Final Site Plan with Dimensions and Setback

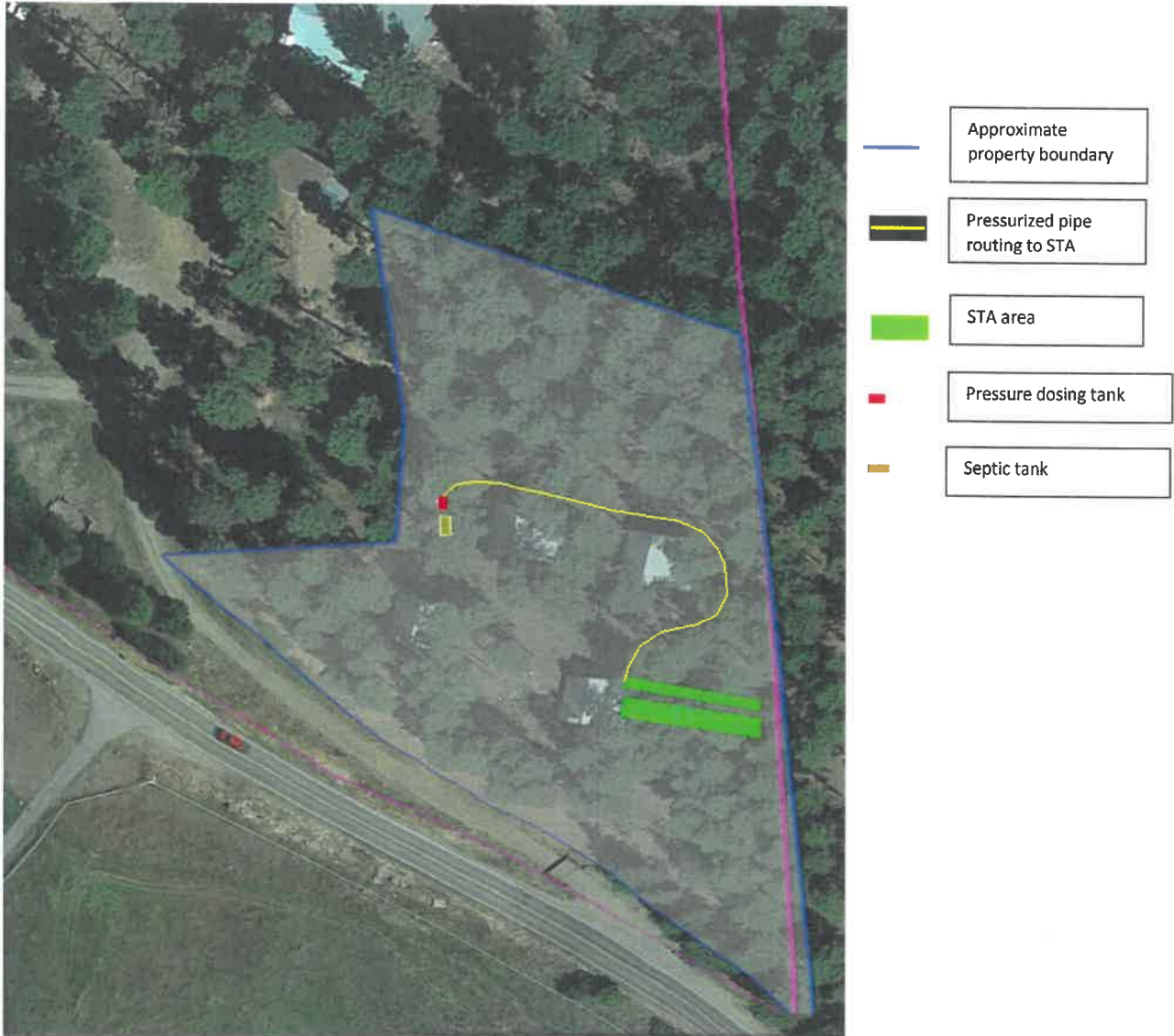


Figure 7: Approximate Property and Waste Disposal System Boundaries

At this 4-Cabin area the residence and waste treatment area are in the NE 1/2 of the SE ¼ of the property, setback distances from property boundaries were carefully measured, and are asserted to exceed regulatory limits in all directions.

Sincerely,

Colin J Basye

Colin J Basye, P.E.

460 Pevero Drive

Idaho Falls, ID 83401

208-859-4218

Colorado License # 38038

ON-SITE WASTE WATER TREATMENT PERMIT

APPLICANT	PROPERTY OWNER	INSTALLER
TODD BROTHERS LLC 1122 CR 509 IGANCIO, CO 81137 (970) 759-3950	TODD BROTHERS LLC 1122 CR 509 IGANCIO, CO 81137 (970) 759-3950	LIC #: EXP:

ADDRESS: 7100 CR 501, BAYFIELD **PARCEL #:** 567503400015
PERMIT TYPE: CONSTRUCTION **SUBDIVISION:**

LOT #: **LOT SIZE (ACRES):** 4.5
DWELLING UNITS: 4 **BEDROOMS:** 4
SITE EVAL LTAR: 0.6 **LIMITING ZONE:**
DEPTH: **WATER SUPPLY:** Central

SEPTIC TANKS: 1250 gal + 500 gal dosing tank
DESIGN FLOW: 600 gpd
DISTRIBUTION: Dosed, Pump
SOIL TREATMENT: (x1) bed 12' x 60' - MAX depth 2'
 Silt fabric laid over infiltrative base of bed covered by 4" coarse sand/washed gravel over fabric
 (4) 1.25" laterals laid over sand/ or gravel - fed by valve manifold
 5/32" orifice at 5' spacing
 4 rows - 15 chambers each over lateral
 Backfill native silty sand to natural grade
 10" of topsoil for final grade to drain away from bed

WORK DESCRIPTION: News OWTS for existing (4) 1 bd cabins on property to all tie in to new tank and STA

SPECIAL CONDITIONS

Pump and alarm must be connected to separate circuits. Pump must have quick disconnect for maintenance/ replacement accessible from grade.

Maintain setback distance requirements from water service lines as defined in Regulation 43.7, Table 7-1.

Splice boxes and electrical connections must be located outside the pump system access riser and be accessible from the ground surface. Wire splices are prohibited inside the tank, dosing chamber or riser. Wire splicing must be completed with corrosion-resistant, watertight connectors.

The system must meet pressure dosing requirements as defined in Regulation 43.10.E.3, including a distal operating head of 30-72 inches. A wet test of the dosing system is required at the time of construction inspection.

AUTHORIZATION TO BEGIN CONSTRUCTION OR REPAIRS

The submitted design and above specifications are authorized for construction, subject to the above special conditions. All provisions of the SJBPH On-site Wastewater Treatment System regulations must be complied with whether specified herein or not. The granting of this permit does not give authority to violate or cancel any other state or local law or regulation governing construction or land use.

Nicola Pasquini

 Authorized By

7/14/2021

 Date

FINAL INSPECTION

The above system has been inspected and found to comply with the requirements as described on the issued permit.

SAN JUAN BASIN
public health

Permit # 0202

Year 2021

APPLICATION to Construct, Alter, or Repair an On-site Wastewater Treatment System

Owner: TODD BROTHERS LLC Phone: 970-759-3950

Site address: 7100 C.R. 501

Assessor's parcel # 567503400015 Subdivision: N/A Lot#: _____

Lot size: 4.5 (acres) # of Dwellings: 4 # of Bedrooms: 4 Water supply: FOREST LAKES METERED

I acknowledge: (1) This application does not guarantee that an On-site Wastewater Treatment System ("OWTS") can be installed or a building permit issued; (2) The issuance of the OWTS permit does not imply any warranty by San Juan Basin Public Health as to the operation of the OWTS; (3) The OWTS must be constructed in accordance with the San Juan Basin Public Health On-site Wastewater Treatment System Regulations; and (4) The owner of the property assumes the responsibility and liability for the proper maintenance of the OWTS.

Date: 5-1-2021 Owner's signature: Dewayne Todd

Owner's mailing address: 1222 C.R. 509 TERNACIO CO. 81137

Owner's email address: DEWAYNE.TODD@YAHOO.COM

\$1023.00 payment received via cc web 05/13/2021 - MP

~~If applying for repair permit, list the repairs here:~~

NO REPAIR. INSTALLING NEW SYSTEM FOR 4 ONE BEDROOM CABINS.

Submit completed application to eh@sibpublichealth.org

[DEPARTMENT USE ONLY]

Authorization to begin Construction
Permit must be signed by EHS BEFORE construction begins

Environmental Health Specialist Date

Final Inspection The above system has been inspected and found to comply with the above requirements.

System Installed by (name, company, phone)

Environmental Health Specialist Date

System Designed by (name, company, phone)

Form revised 12/18/2020

Permit fee: \$ _____ Payment type: _____ Rec'd by: _____ Date: _____

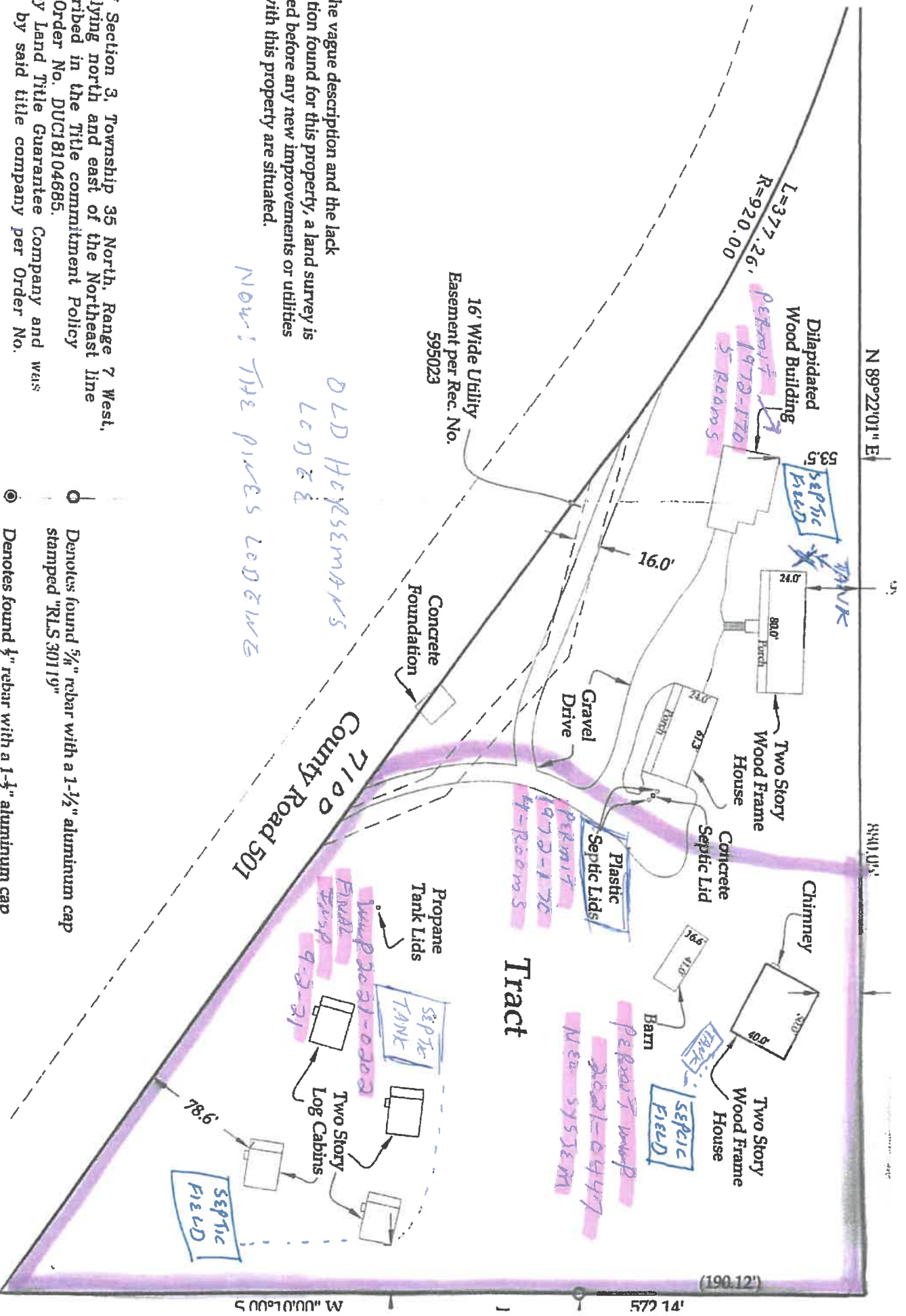
The vague description and the lack of information found for this property, a land survey is needed before any new improvements or utilities with this property are situated.

Now! THE PILES LEADERS
OLD HOPESEMAN'S LEADER

f Section 3, Township 35 North, Range 7 West, lying north and east of the Northeast line described in the Title commitment Policy Order No. DUC18104685, by Land Title Guarantee Company and was filed by said title company per Order No.

do B1122

- Denotes found $\frac{3}{8}$ " rebar with a $1\frac{1}{2}$ " aluminum cap stamped "RLS 30119"
- Denotes found $\frac{1}{2}$ " rebar with a $1\frac{1}{2}$ " aluminum cap stamped "LS 5836"



workbooks were prepared for Todd Brothers.

IMPROVEMENT LOCATIONS
 Todd Brothers

Rooms

1972

No. 170

SAN JUAN BASIN HEALTH UNIT - 1905 E. 3rd Avenue - P. O. Box 140 - Durango, Colorado

Application for Permit to Install, Construct, Alter or Repair Individual Sewage Disposal System.

High Country Lodge
 Owner or Sponsor High Country Lodge Address 7 miles north of Bayfield Phone 884-2795
 Address of Site RT # 1 Bayfield 7100 CR 501
 Mailing Address RT # 1 Bayfield

GENERAL INFORMATION 1-5 rooms SEPTIC TANK
 1. Living Units 1-4 rooms 3-W/Kitchen 1. Liquid capacity _____ Material _____
 2. No. of bedrooms _____
 3. No. of bathrooms _____
 4. Automatic Dishwasher _____
 5. Automatic Laundry _____
 6. Garbage Disposal _____
 7. Other _____
 8. Lot size 8 acres
 9. Soil type clay
 10. Percolation rate unsatisfactory
 11. Water supply distance 100 ft
 from sewage system 100 ft
 12. Water Table depth 100 ft

SECONDARY TREATMENT
 1. Field bed Lagoon _____
 2. No. of lines _____ total length _____
 3. Trench: width _____ depth 24 inches
 4. Depth of filter material 18 in gravel
 5. Gravel size 1/2
 6. Type Tile plastic or orangeburg
 7. Depth of cover 12 inches sand
 8. Lagoon: Bottom size _____
 Lining material _____

EXTENDED AERATION 2 Single home units
 1. Capacity _____
 2. Final treatment step aeration

COMMENTS: 2 single home aeration units -
2 transpiration beds (1-1000 sq ft) (1-1600 sq ft) with bitches

This system will be constructed in accordance with the above specifications and regulations governing non-municipal sewage disposal systems of the San Juan Basin Health Unit.

Date: 6/27/72 Applicant: Doug Groves ^{by} Phil Malberg

The plans and Specifications as shown are approved, pending payment of permit fees. Acceptance does not relieve the owner or other parties of proper placement, installation and maintenance of a sewage disposal system.

Sanitarian: Phil Malberg
 Date: 6/27/72

The above system inspected and found to comply with the plan and description.
 Installed by _____ Date: _____

Sanitarian: _____

PERMIT FEE \$ 1250/100

Received by Phil Malberg

Please use reverse side for Plot Plan or use separate sheet of paper.

3/72 (1000) 5 rooms = 10 people = 500 g/d. 4 rooms = 12 people = 480 g/d. to one way may be small for constant use.
22 gpd
2 gpd