



SEPTIC SYSTEM APPLICATION

(CONSTRUCTION OF AN INDIVIDUAL ONSITE WASTEWATER DISPOSAL SYSTEM)

Please complete the application in full, incomplete applications will be rejected

Contact Name: Tony Jackson Phone: (435) 1691-8585

Contact E-Mail: office@jacksonexcavation.com

Property Owner Name: Andy Rice Phone: (970) 306-2997

Lot#: 7 Block: _____ Subdivision: _____ Tax ID (Parcel) #: _____

Additional Information (Directions or other identifying features): 100 North 100 west
Boulder UT Box 1523

Construction Site Address: _____
 TBD (if no address, give the most accurate location information possible) _____

 Beaver
 Garfield
 Iron
 Kane
 Washington

City County

Are there any other installed or proposed septic systems on this lot/parcel of land? Y N

Maximum Number of Bedrooms (count dens, offices, or other rooms that can be converted): 4

Commercial Facility (List the estimated Maximum Daily Flow): _____

Will There be a Basement? Y N Will It be Finished? N/A Y N Will It Be Plumbed? N/A Y N

Are there any wells, streams, ponds, ditches, or springs in the vicinity of the proposed system? Y N
If Yes please show complete details on the plot plan

Water Supply for System: well is not drilled yet.

Name of Certified Soil Evaluator: Tony Jackson

Name of Certified System Designer: Tony Jackson
Certification must be current at the time testing is performed.

I HEREBY CERTIFY ALL INFORMATION CONTAINED IN THIS APPLICATION IS CORRECT

SIGNATURE Tony Jackson Date 3/28/23

FOR OFFICE USE ONLY

<u> </u> Number Bedrooms	<u> </u> Maximum Hydraulic Loading Rate gal/ft ² /day	<u> </u> Tank Size Gallons	<u> </u> Absorption Area Size Ft ² <input type="checkbox"/> Deep <input type="checkbox"/> Shallow <input type="checkbox"/> Chambers <input type="checkbox"/> Bed
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Environmental Health Scientist Signature _____ Date: _____

APPROVED REJECTED

Fees Received: _____ By: _____
Initials



Working for Healthy Communities

Soil Log/Percolation Test Record Sheet

Name: Andy Rice
 Site Location: 100 N. 100 W. Boulder, UT

Soil Layer Depth Intervals	Soil Texture	Soil Structure (i.e. Single Grain, Granular, Blocky, Platy, Prismatic, Massive)	% Rock in Soil		% Soil Particle Distribution (Sand + Silt + Clay = %100)		
			Cobbles	Gravel	Sand	Silt	Clay
Surface to <u>4'</u>	<u>loamy sand</u>	<u>Single Grain</u>	<u>10%</u>	<u>10%</u>	<u>80%</u>	<u>20%</u>	<u>0</u>
to <u>10'</u>	<u>Sandy loam</u>	<u>Granular</u>	<u>20%</u>	<u>10%</u>	<u>60%</u>	<u>20%</u>	<u>20%</u>
to _____							
to _____							
to _____							
to _____	<u>Soil is hard to dig @ 4'</u>						

Soil Percolation Test #	Total Depth of Hole (ft.)	Period of Time Hole Presoaked	Period of Time Soil Allowed to Swell	Initial Depth of Water	Beginning Time	Final Depth of Water	Ending Time	Distance Water Dropped	Elapsed Time	Perc. Rate in Min/in
<u>1</u>	<u>3'6"</u>	<u>24 hrs</u>	<u>24 hrs</u>	<u>12"</u>	<u>9:02</u>	<u>11 1/4</u>	<u>9:12</u>	<u>3/4</u>	<u>10</u>	<u>10/3/4</u>
				<u>12"</u>	<u>9:15</u>	<u>11 1/2</u>	<u>9:25</u>	<u>1/2</u>	<u>10</u>	<u>10/1/2</u>
				<u>12"</u>	<u>9:28</u>	<u>11 1/2</u>	<u>9:38</u>	<u>1/2</u>	<u>10</u>	<u>10/1/2</u>
				<u>12"</u>	<u>9:41</u>	<u>11 1/2</u>	<u>9:51</u>	<u>1/2</u>	<u>10</u>	<u>10/1/2</u>

Final Stabilized Percolation Rate 20/1 Minutes per Inch

- Maximum Seasonal Ground Water Elevation: None
- Depth from Ground Surface to Unsuitable Soil or Bedrock Formation: None
- Distance from Public Wells Within 1500' of system: None and Private Wells Within 200' of System: None

Note: Soil exploration must extend to a MINIMUM depth of 10' and for deep systems AT LEAST 4' below the bottom of proposed trench.

I, Tony Jackson certify the above information to be an actual description of the Physical Site Characteristics of the proposed subsurface wastewater disposal system.

Signature: Tony Jackson
 (Certified Soil Tester)

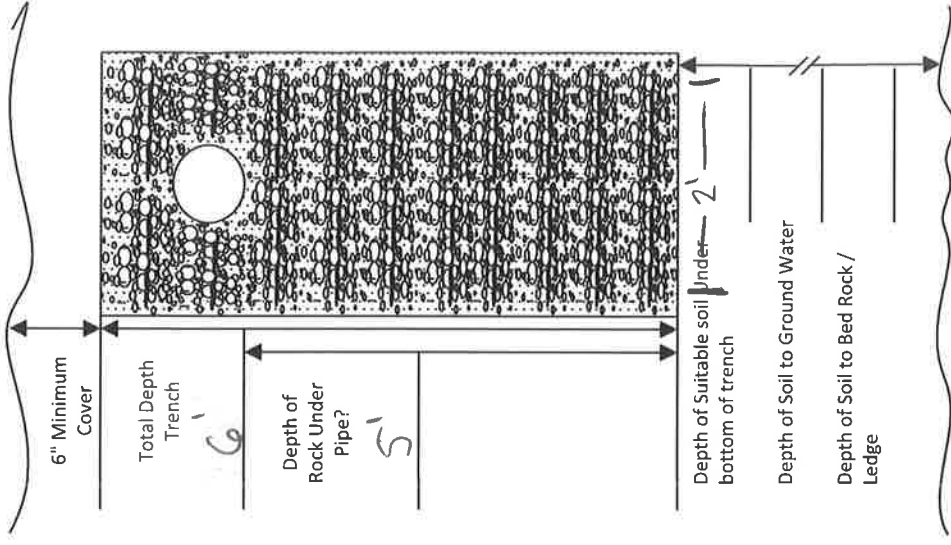
Date: 3/27/23

Waste Water System Site Plan

Plot Plan

Include: House, Tank, drain field, water sources, property lines, grade changes, drainage ditches

Trench Detail



600 gpd. ÷ .65 = 924

SEE MAP A VENDOR
R-17101
L-17101
C-17101
C-17101

NORTHWEST CORNER OF
FOUND 1988 S.L.D. 0000

AREA OVER 100'

LOT : 1
257884 SQ FT ±
5.92 ACRES ±

JACQUELINE A. SAGLEY
15-70-2

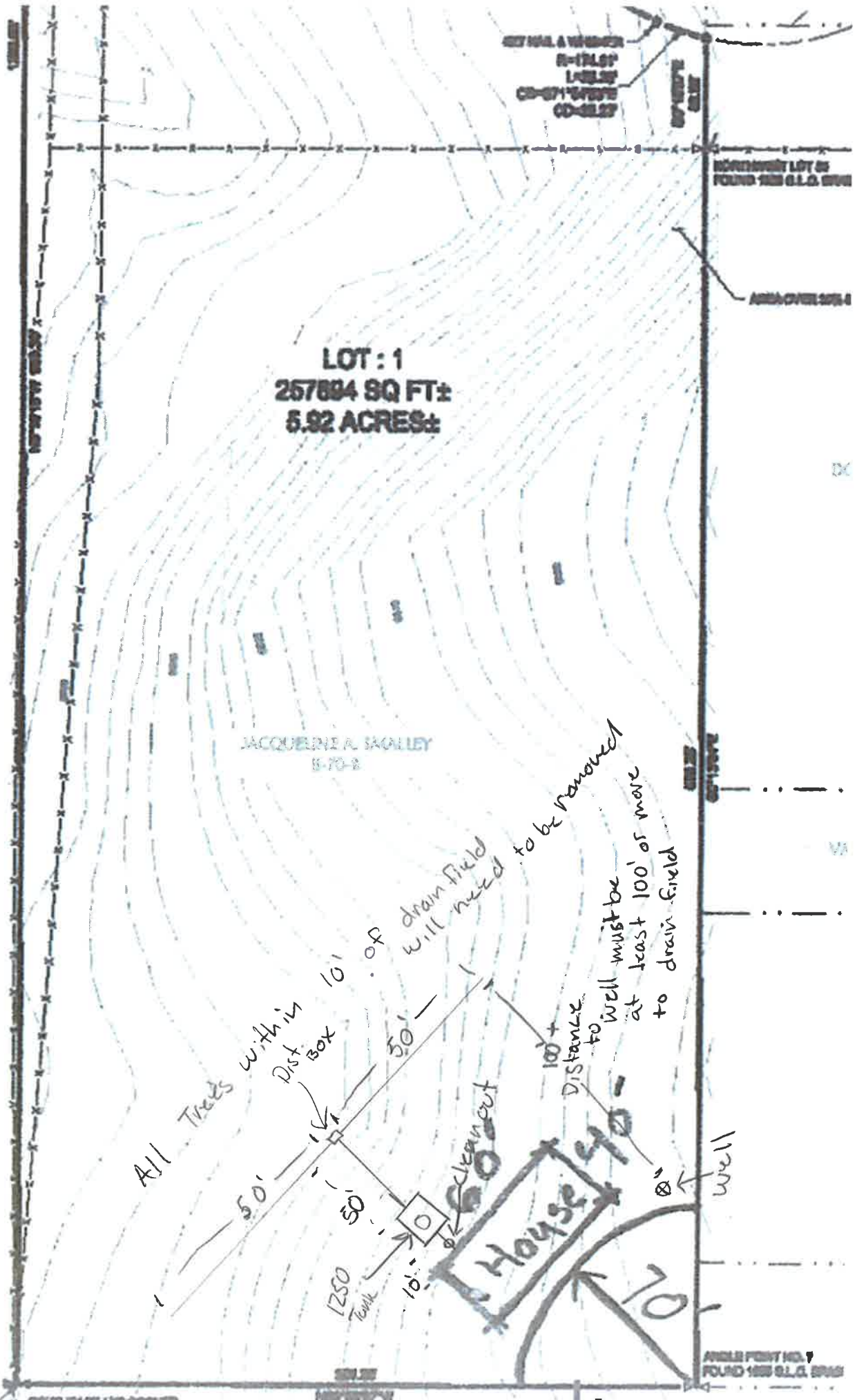
ELDER CREEK
RYON, LLC
B-88

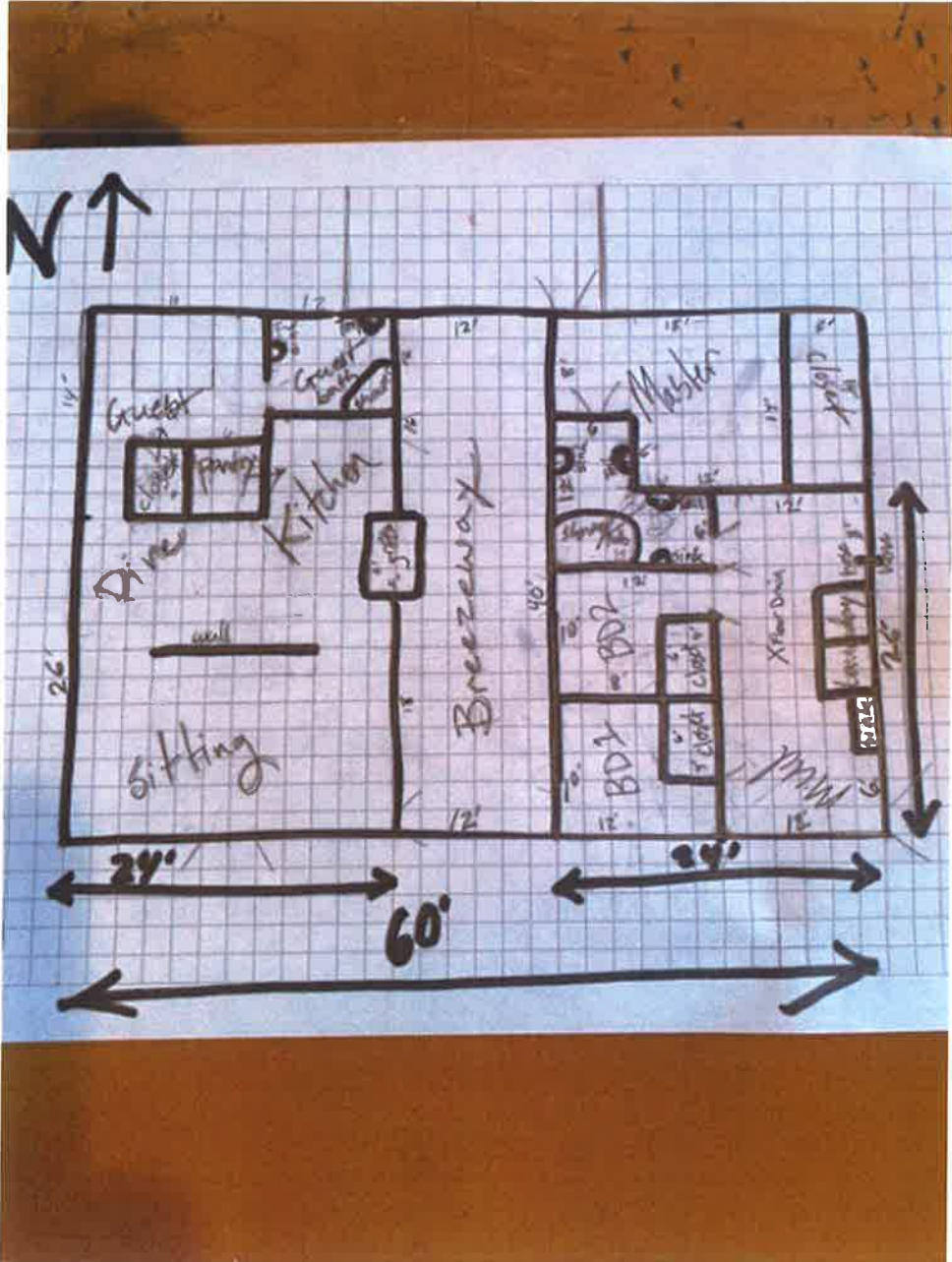
All Trees within 10' of
Dist Box
50' of drain field
will need to be removed
1250 Tank
10' of
House
100' + Distance to well must be at least 100' or more to drain field
cleanout
well

ANGLE POINT NO. 1
FOUND 1988 S.L.D. 0000

SOUTH-EAST 1/4 CORNER

1/4 SECTION







SPENCER J. COX
Governor
DEIDRE M. HENDERSON
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Water Rights

JOEL FERRY
Executive Director

TERESA WILHELMSEN
State Engineer/Division Director

April 18, 2023

ANDY Rice
PO Box 1523
Boulder UT
84716

Dear Applicant:

**RE: PROVISIONAL ("RUSH") WELL REQUEST
WATER RIGHT 97-2507(A83737)**

Reference is made to your request to expedite drilling of a well before the underlying application has been approved by the State Engineer. This well is located at:

South 1104 feet, West 1025 feet from the E4 Cor, Sec 26, Town 33S , Range 4E, SLB&M.

Permission is **HEREBY GRANTED** to proceed with the drilling of this well. While this letter grants you permission to proceed with the construction of the well, **IT DOES NOT GRANT ANY APPROVAL TO DIVERT OR USE WATER FROM THE WELL.**

Following completion and testing, the well casing must be sealed with a tamper-resistant, water-tight cap or permanently abandoned by licensed driller before the drill rig is removed from the site. No water may be diverted from the provisional well and applied to beneficial use under this permission to drill, and **no assurances are given that the subject application will be approved.** You may proceed with the drilling, but all risks associated with drilling under this authority are borne by the applicant. Please note that this permission to drill expires on **October 18, 2023.**

Enclosed are two self-addressed postage-paid 'cards.' One page is the Driller (Start) card which you **MUST** give to the licensed driller with whom you contract to drill the well. The well driller must have a current Utah Water Well Driller license, and the well must be constructed in accordance with the State of Utah Administrative Rules for Water Wells. The driller may not commence construction of the well until you provide the Driller (Start) Card which the driller must submit to our office.

The other page is the Applicant Card which is **YOUR RESPONSIBILITY** to sign and return **immediately upon completion of drilling.** **DO NOT GIVE THE APPLICANT CARD TO THE DRILLER. Your submission of the Applicant Card is your certification that the drilling is complete and the well site is secured.**

You are advised to review this letter with the driller prior to commencing construction to assure that all restrictions and conditions are understood.

Sincerely,

Nathan Moses, P.E., Regional Engineer - Cedar City

NM:kb

