

measurements

TO well was - 132' ft +
TO north side property line 222' ft +
TO south road 430' ft +
TO East road 180' ft +
TO wash 50' ft +

ATTACHMENT 1 – ASTM 5921 METHOD FOR SUBSURFACE SOIL CHARACTERIZATION

Facility Address: 67992 65 1/2 Street
 Tested by: CJ Stacy
 Date Test Completed: 12/8/23

Parcel Number: 304-72-017Y
 Depth to Groundwater: PLEASE REPORT IN ITEM 8.G

Test Hole #	Depth Interval Below Land Surface (Inches)	Texture	Structure	Rock Fragments %	Mottles %	Boundary	Dry Consistency	Moist Consistency	SAR
1	0"-60"	LS/M	I/C/GR	1.00%	0.00%	G	SH	L	0.8
2	0"-60"	LS/M	I/C/GR	1.00%	0.00%	G	SH	L	0.8
3	0"-144"	LS/M	I/C/GR	1.00%	0.00%	G	SH	L	0.8

Comments:

Test 1

Test 2

Test 3

Test

Professional Seal

8 Subsurface Limiting Conditions [A.A.C. R18-9-A310(D)(2)]

Identify the presence or absence of all of the following possible limiting conditions in the intended location of the primary and reserve disposal areas of the on-site wastewater treatment facility to a depth of at least 12 feet below land surface or to an impervious soil or rock layer if encountered at a shallower depth:

- A) The soil absorption rate determined under A.A.C. R18-9-A312(D)(2) is:
 - 1. More than 1.20 gallons per day per square foot? Yes No
 - 2. Less than 0.20 gallons per day per square foot? Yes No
 - 3. A **site-specific soil absorption rate (SAR)** is required per A.A.C. R18-9-A312 (D)(2)(b)? Yes No
- B) The vertical separation distance from the bottom of the lowest point of the disposal works to the seasonal high water table is less than the minimum vertical separation specified in A.A.C. R18-9-A312(E)(1)? Yes No
- C) Does seasonal saturation occur within surface soils that could affect the performance of the on-site wastewater treatment facility? Yes No If Yes, describe evidence: _____
- D) Do any of the following subsurface limiting conditions that may cause or contribute to surfacing of wastewater occur within 12 feet of the land surface:
 - 1. An impervious soil or rock layer? Yes No
 - 2. A zone of saturation that substantially limits downward percolation from the disposal works? Yes No
 - 3. Soil with more than 50 percent rock fragments? Yes No
- E) Do any of the following subsurface limiting conditions that may promote accelerated downward movement of insufficiently treated wastewater occur within 12 feet of the land surface:
 - 1. Fractures or joints in rock that are open, continuous, or interconnected? Yes No
 - 2. Karst voids or channels? Yes No
 - 3. Highly permeable materials such as deposits of cobbles or boulders? Yes No
- F) Does subsurface conditions exist that may convey wastewater to a Water of the State and cause or contribute to an exceedance of a water quality standard established in 18 A.A.C. 11, Articles 1 and 4? Yes No
- G) Depth to groundwater below land surface _____ feet as determined by Trench or boring, Subdivision report, Published groundwater data or Relevant well data.

If the answer is Yes to any of the above subsurface limiting conditions, please show location and note the associated limiting condition type on Site Investigation Map (Item 7).

9 Site Investigation Attachments

#	Attachment Description	Attached?
1	ASTM 5921 SOIL CHARACTERIZATION	<input checked="" type="checkbox"/> Yes, total of <u>1</u> pages.
		<input type="checkbox"/> Yes, total of _____ pages.
		<input type="checkbox"/> Yes, total of _____ pages.


10 Investigator Certification

- A) Arizona-registered Professional engineer Certification Number: _____ Expiration Date: _____
- B) Arizona-registered Professional geologist Certification Number: _____ Expiration Date: _____
- C) Arizona-registered Sanitarian Registration Number: _____ Expiration Date: _____
- D) A certificate of training from a course recognized by ADEQ

Course Name: NAWT-SOIL INVESTIGATION Completion Date: 01/12/2024

- E) Qualifies under another category designated in writing by ADEQ. **Please use Attachment 4 to provide approved Qualification Category & Date Approved.**

Professional Seal



By signing this section, I certify that I am qualified to conduct this investigation as specified in R18-9-A310(H) and have inspected the property identified in Item 3 for purposes of performing a site investigation. I have performed this site investigation in accordance with R18-9-A310 and have completed this investigation to the best of my knowledge.

Printed Investigator Name/

Date of Investigation: 12/8/23

Investigator Signature/

Date Signed



7 Site Investigation Map Showing the Location of Limiting Conditions and Setbacks from Features and Improvements [A.A.C. R18-9-A309(B)(2)(a)]

A. CHECK below the features shown on the Site Investigation Map. **WRITE N/A** if item is **NOT PRESENT**. **RECORD** below the separation (feet) that will be maintained between the system and the checked feature.

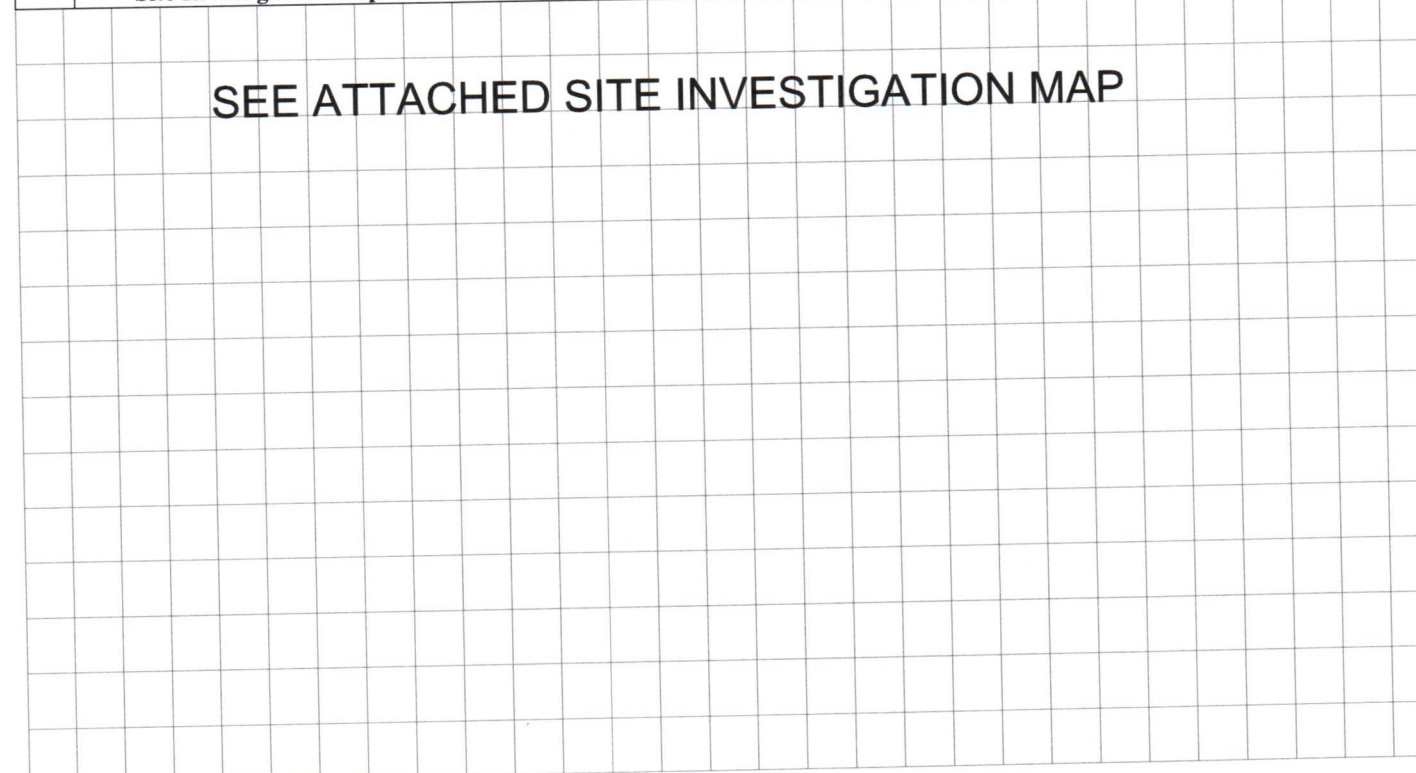
<input checked="" type="checkbox"/> Water supply well _100+_ (ft)	<u>N/A</u> Boundary of 100-year flood hazard zone ____ (ft)
<u>N/A</u> Water main or branch water line ____ (ft)	<u>N/A</u> Drainage easement or wash with drainage area more than twenty acres ____ (ft)
<u>N/A</u> Domestic service water line ____ (ft)	<u>N/A</u> Other Easement ____ (ft)
<u>N/A</u> Drinking water intake from a surface water source ____ 5 (ft)	<u>N/A</u> Downslope cut banks and culvert or roadway ditches ____ (ft)
<u>N/A</u> Perennial or intermittent stream ____ (ft)	<u>N/A</u> Planned cut bank over 2 feet deep ____ (ft)
<u>N/A</u> Lake, reservoir, or canal ____ (ft)	<u>N/A</u> Wall or planned wall over 2 feet high ____ (ft)
<u>N/A</u> Pond or other water feature ____ (ft)	<input checked="" type="checkbox"/> Driveway or parking area _20 (ft)
<u>N/A</u> Swimming pool ____ (ft)	<u>N/A</u> Storage Area ____ (ft) ____ Earth fissure ____ (ft)
<u>N/A</u> Planned building ____ (ft)	<u>N/A</u> Other ____ (ft) Describe: _____
<u>N/A</u> Existing building ____ (ft)	

B. Minimum setback distances are within the limits specified in R18-9-A312(C); Yes UNKNOWN No
Check UNKNOWN if the dwelling location or size (including building footprint, bedroom count & fixture unit count), or the location of other improvements is not known to the person performing the site investigation.

C. Show all soil test locations. Show any condition or feature observed during the site investigation which may affect on-site system design & is located within the **SITE INVESTIGATION AREA (defined as the planned excavation boundaries for the treatment works, primary disposal area and reserve disposal area plus the surrounding area out to 100 feet)** including :

(1) Show land surface contours at appropriate intervals when the elevations across the Site Investigation Area differ by more than 5 feet, and

(2) Any other factor is observed that may affect system design **regardless of property ownership (please include the Site Investigation Map with Attachment 4 if the information cannot be depicted on the below Grid).**



1 Authorization For Site Investigation

I certify that I am (check one) the Owner, the Authorized Representative or an Other Person and have authority to grant the investigator access to the property for this site investigation and authorize the work certified in this site assessment.

Name & Address

(Printed) CJ Stacy

Signature *CJ Stacy*

2 Project Identification

Property Owner or Project Name Bobby Payne (BBJ Ranches LLC.)

3 Site Information [A.A.C. R18-9-A309(B)(2)(a)]

Address: 67992 65 1/2 Street City Salome
 Parcel Number 304-72-017Y Lot Number _____
 Township 5N _____ Range 13W _____ Section 2 _____
 Latitude 33 ° 45' 39 " N Longitude 113 ° 34' 33 " W

4 Investigator Information [A.A.C. R18-9-A310(H)]

Name CJ Stacy Phone 928-231-0301
 Title Contractor/Installer Firm Name Stacy Excavating LLC.
 Mailing Address PO Box 41 City Wenden State AZ
 Zip 85357 E-Mail cjandbrooke@tds.net

5 Surface Characterization [A.A.C. R18-9-A310(C)]

Identify the presence or absence of all of the following possible limiting conditions in the intended location of the treatment works and the primary and reserve areas of the on-site wastewater treatment facility:

- A) The surface slope is greater than 15 % at the intended location of the on-site wastewater facility YES No
- B) Setback distances do NOT meet all the minimum values specified in R18-9-A312(C) YES No

NOTE: Check YES if the location or size of the dwelling or other improvements, or the bedroom count or the fixture unit count is UNKNOWN to the site investigator.

- C) Surface drainage characteristics could adversely affect the ability of the facility to function properly YES No **NOTE: If YES, please describe in Attachment 4.**
- D) A 100-year flood hazard zone, as indicated on the applicable flood insurance rate map, is located within the property on which the on-site wastewater treatment facility will be installed YES No **NOTE: If YES, please specify the FEMA Flood Insurance Map Number or Other Source** _____
- E) An outcropping of rock that cannot be excavated is present and could impair the function of soil receiving the discharge YES No
- F) Fill material deposits are present YES No

If the answer is YES to any of the above potential surface limiting conditions, please show location and note the condition type on Site Investigation Map (Item 7).

6 Subsurface Characterization Method [A.A.C. R18-9-A310(D)]

Check method used to perform subsurface characterization per A.A.C. R18-9-A310(D)(1) and (3)

- A) ASTM D5921 used? Yes No **(if Yes, please enclose Attachment 1)**
- B) Percolation test method used? Yes No **(if Yes, please enclose Attachment 2)**
- C) Seepage performance test method used? Yes No **(if Yes, please enclose Attachment 3)**
- D) Other ADEQ approved method? Yes No **(if Yes, please provide in Attachment 4 the method and data)**

La Paz County Community Development Department
1112 Joshua Avenue #202, Parker, AZ 85344
(928) 669-6138 or (888) 526-8658

SEPTIC SYSTEM/ONSITE WASTEWATER SYSTEM PERMIT TO OPERATE

Not Transferable- New owner must submit a Transfer of Ownership to
Community Development Department at time of purchase

ASSESSOR'S 304-72-017Y
PARCEL #
LEGAL Range:13W Section:23 Township:5N
DESCRIPTION: Zoning:RA-5 Docket:Z2000-002
911 ADDRESS: 67992 65 1/2ST SALOME, AZ 85348

APPLICATION 03/07/2024
DATE:
PERMIT SP24-0014
NUMBER:
TYPE Septic System/Onsite
Wastewater System

DESCRIPTION OF SYSTEM:

COMMERCIAL: RESIDENTIAL:
NAME OF BUSINESS: [Company Name] # OF BEDROOMS: 3
TYPE OF BUSINESS:
GALLONS PER DAY: 450
TANK SIZE: 1000
TANK TYPE Concrete MANUFACTURER:
PERC: 0.8 APPROVAL DATE: 4/10/24
LEACHLINE: 65'

Owner's Name and Address: BBJ RANCHES LLC

Contractor's Name: STACY
EXCAVATING LLC

22294 Holsey Acres Road
Idiahoma OK 73552

Note:

This permit is revocable by the Community Development Director of La Paz County for the failure of the owner to operate in compliance with Arizona Aquifer Protection Permit Rule or the following requirements:

1. Issuance of a sewage disposal permit does not imply or signify fulfillment of satisfaction of any other legal requirement, such as Building Codes or Zoning Ordinances, or the environmental regulations of the State of Arizona, or any federal regulations.
2. Altering, repairing, or extending an individual sewage disposal system including the septic tank, disposal system, and soil around and under the system, requires an approved construction permit application from the Community Development Department.
3. No physical structure, paving, driveway, carport, awning or any other amenity is permitted over the disposal or reserve area.
4. Setbacks from all portions of the system must be maintained throughout lifetime of system.
5. Any change in gallons per day of the residence or business (such as by adding bedroom or change of use) requires a new permit application be submitted to the Community Development Department.


Sanitarian, Environmental Health