

09/07/2022

Teton County Planning and Zoning
89 North Main Suite 6
Driggs, Idaho 83422

Taylor Bertin
290 Market Str #702
Minneapolis, MN 55405

RE: Bertin Ranch Subdivision

I have reviewed the application to have RP04N45E247900 subdivided into four (4) lots to be known as the Bertin Ranch Subdivision and determined that the property is suitable for sub-surface waste disposal systems to serve residences. Two (2) test holes were excavated on September 1, 2022, to allow observation of the soil horizon to ten feet below natural grade. There is an existing septic system on the parcel serving a two-bedroom dwelling installed under Permit #4101011. The information gleaned from permitting and installation of this system is being used for this report as well. Following is my evaluation of the soils on the property. Both test pits presented basically the same soil layering with minor differences in thickness of the layers. (See included Test Hole Information page for greater detail.)

Soil information observed:

0~20 inches silty sand loam with no rock content. Topsoil with varying thickness. B1 soil type.
~20-120 inches gravely loamy coarse sand. 60% rock content of clasts 2-10 inches in diameter. A2A soil type.

Septic systems will be sized using B1 application rate of 0.6 gpd/sq ft due to the 60 percent rock content.

There is some calcification on the rock clast surfaces but no hardpan was encountered. This calcification will not impede permeability. No bedrock was encountered in any test hole. No groundwater was encountered in any test hole.

The entire parcel is flat with almost no undulation in topography. There was no surface water apparent at the time of evaluation. A small irrigation ditch runs along the north boundary of the parcel.

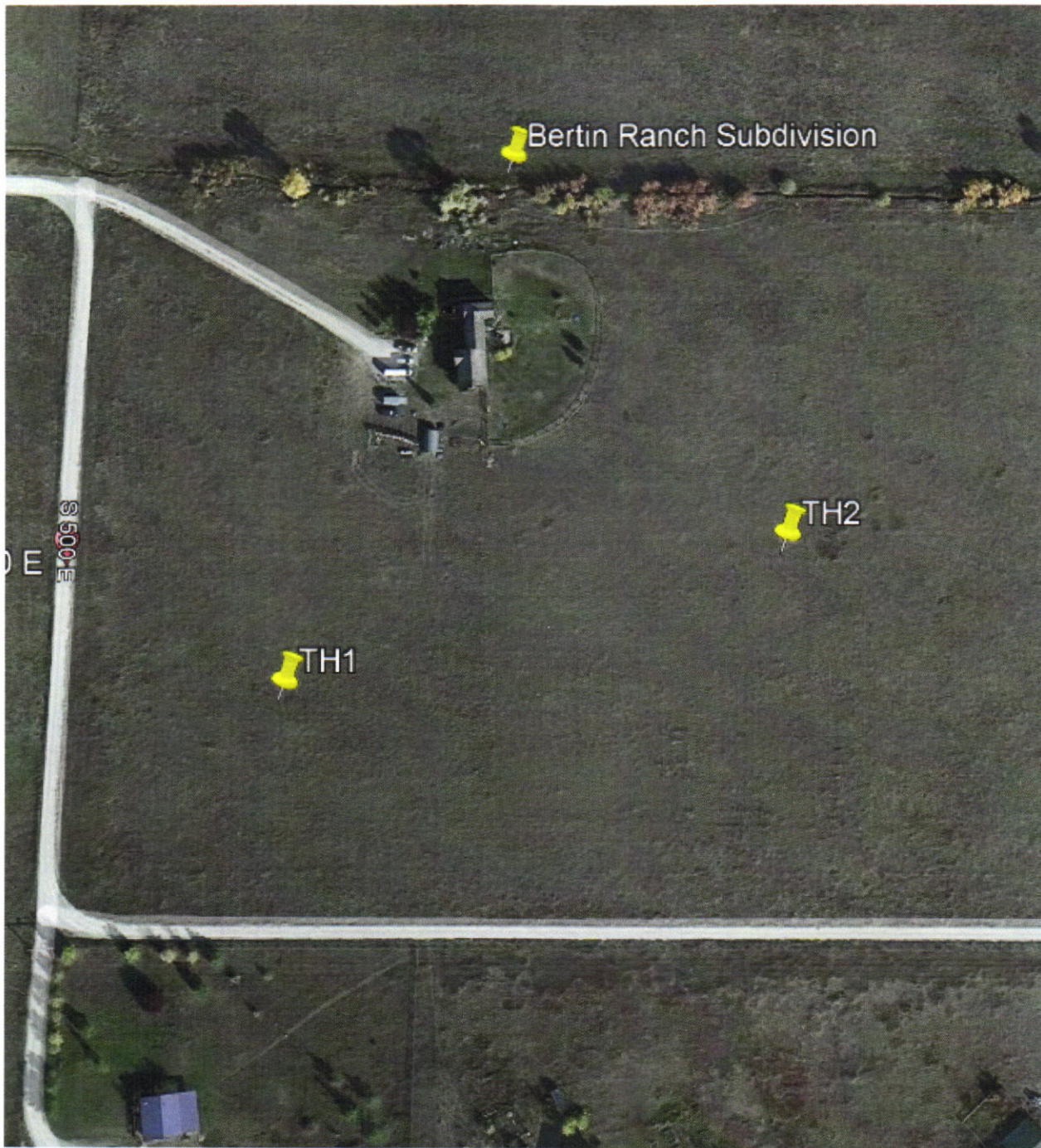
Eastern Idaho Public Health gives preliminary approval of the application to divide this parcel creating the Bertin Ranch Subdivision based on suitability for residential sub-surface waste disposal. Individual

subsurface sewage disposal systems may be allowed in accordance with IDAPA 58.01.03 and the Technical Guidance Manual for Individual Subsurface Waste Disposal. All current Idaho Rules must be met at time of installation.

A copy of the final plat is to be provided to the Health District at the time the Health Certificate is signed. The application fee balance if any will also be collected prior to signing the Health Certificate. If this application /plan changes for any reason, please coordinate those changes in advance, with this office.

A handwritten signature in black ink, appearing to read 'Kathleen Price', with a large, stylized loop at the end of the name.

Kathleen Price
REHS/MSG
Eastern Idaho Public Health District
kprice@eiph.idaho.gov
208-354-2220



~ Test Hole Locations

SUBDIVISION ON-SITE

Conducted on: Sept 1, 2022 Time: Travel _____ On-site _____

I. NAME OF SUBDIVISION: BERTU PANCH

II. LOCATION (COUNTY): Teton

III. GENERAL INFORMATION:

A. Current Land Use: Residential / Ag -

B. Adjoining Property Use: Same

C. Surface Water (on or near development): None

D. Slope: None

E. Drainage Areas Present: No

F. Rock Outcrop Present: No

G. Wetland Indications: No

IV. EVALUATION:

A. Individual water and sewer:
Does each lot appear to have sufficient area to install proposed system and to meet minimum separation requirements? Yes No

B. Individual water and central sewer:
Does there appear to be sufficient area for central system and replacement area? Yes No

C. Individual sewer and central water system:
Does each lot appear to have sufficient area to install proposed system and to meet minimum separation requirements? Yes No

D. Individual sewer and public water system:
Does each lot have sufficient area to install proposed system and to meet minimum separation requirements? Yes No

COMMENTS:
Suitable for sub-surface wastewater disposal.

EHS: [Signature]

TEST HOLE INFORMATION

SUBDIVISION Bernal Park. DATE 9-1-2022

Test Hole # 1

Location: See map

Depth: 120"

15" —
 Silty sandy loam B₁
 No rock content.
 Gravely loamy coarse sand
 > 75% rock content
 2-12" Diameter
 Some calcification on rock but no hardpan
 A₂A soil.
 120" — Dry / No bedrock.

Test Hole # 2

Location: See map

Depth: 120"

22" —
 Silty sandy loam B₁
 Gravely loamy sand.
 60% rock
 A₂A
 2-10" Diameter
 120" — Dry No bedrock

Test Hole # "3"

Location: existing septic system

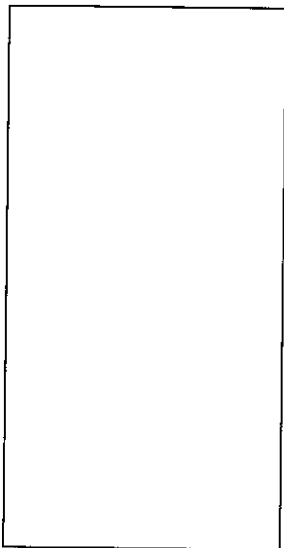
Depth: 120"

using existing house's septic system info - Same as TH1+2.
 Permit # 4101011
 ↓
 see info below

Test Hole # _____

Location: _____

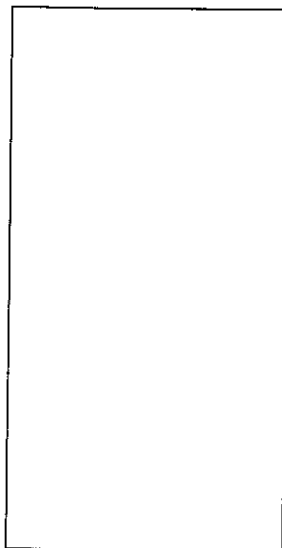
Depth: _____



Test Hole # _____

Location: _____

Depth: _____

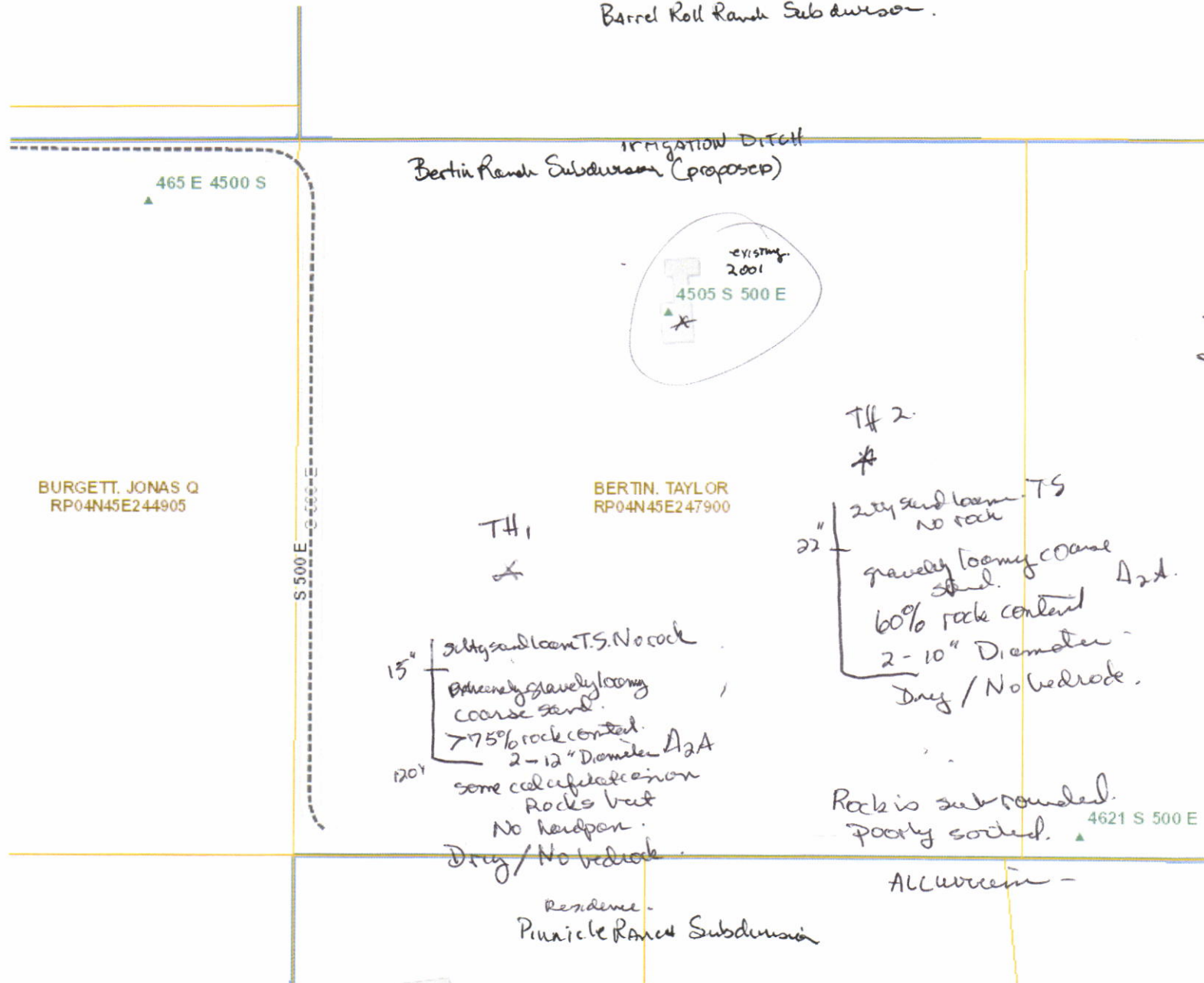


Test Hole # 3

Location: _____

Depth: 120"

info from Raytech site eval. 2001
 Top soil.
 A₂A soil
 Very gravelly loamy sand.
 120" — Dry / No bedrock.



No concept map provided @ time of onsite.

Flat - one house on property - slight slope N to SW 1-2%

No surface water apparent
Pasture / Ag - Residential
photos on T#1.

Vegetation makes
difficult to
tell slope.
but it is minor



Bertin Ranch Subdivision
TEST HOLE LOCATIONS
Flat -
No surface water.

**DISTRICT SEVEN HEALTH DEPARTMENT
SEPTIC SYSTEM INSPECTION REPORT**

Activity Code 01
Travel Time: 30 Inspection Time 15 ¹⁹⁹

INSPECTION CONDUCTED FOR: Name STEVE KITTO Permit No 4101011

LOCATION OF INSPECTION: Street Address 450S 47E City VICTOR
Legal Description: 1/4 Section _____ Section 24 Township 4N Range 45E
Subdivision: _____ Lot _____ Block _____

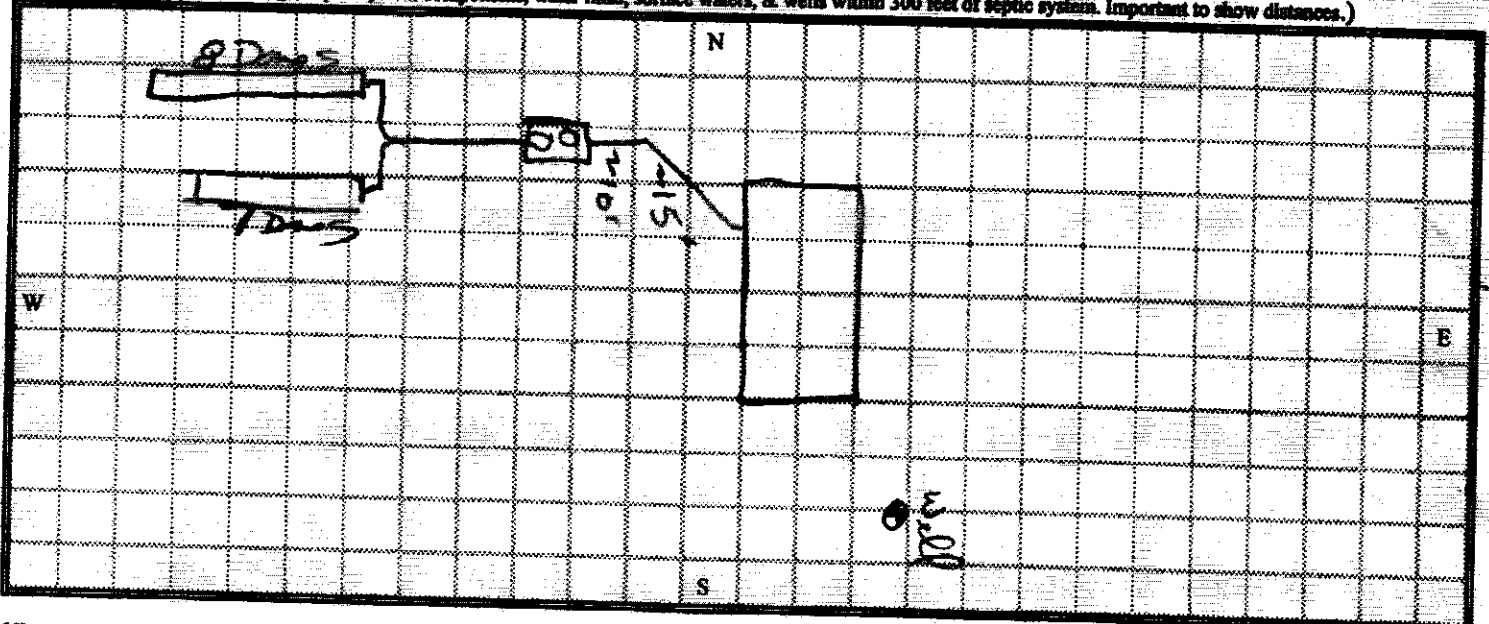
SEPTIC TANK INSPECTION

- Capacity of Septic Tank Installed 1000 gallons. Septic Tank capacity = or greater than permit requirements? No N/A
- Was Septic Tank construction in compliance with State regulations and was tank State approved? No No
- Were inlet and outlet properly sealed? No No
- Did Septic Tank meet minimum separation requirements as required by permit? No No
- Was extension of manhole required? Yes No No
Depth from final grade to manhole. 1 feet

SUBSURFACE DISPOSAL (DRAINFIELD) INSPECTION

- Type of Disposal System installed Domes Meets permit requirements? No N/A
- Disposal Area Size 270 Square Feet In compliance with Permit Issued? No No
- Did Disposal System meet the minimum separation distance as required by the Permit? No No
- Was Disposal System constructed in compliance with the State Technical Guidance Manual? No No
- Maximum depth of Disposal System 3 Feet. In compliance with Permit Issued? No No

DRAWING: (Show buildings, septic system components, water lines, surface waters, & wells within 300 feet of septic system. Important to show distances.)



SELF-INSPECTION: If given approval for self inspection Installer certifies that information provided is accurate and system was installed as shown.

Installers Signature X _____ License #: _____ Date: _____

Installed by: Self Official Use Only License #: _____
 This System appears to:
 1. Be in Substantial Compliance with permit and is approved.
 2. Have Minor deficiencies which could cause premature failure, but still in substantial compliance with Intent of Rules. Recommend that deficiencies be corrected, which could improve your system, but system is still approved. Yes No
 3. Have Major deficiencies which violate the Intent of Rules and must be corrected, system not approved. Yes No
 Comments: _____

INSPECTED/REVIEWED BY EHS: Raymond Keating EHS Date: 11/15/01

Box 2343 JACKSON 83001
DISTRICT SEVEN HEALTH DEPARTMENT
SEPTIC PERMIT

74

NOTE THIS PERMIT IS ONLY VALID FOR ONE YEAR FROM DATE OF ISSUE

4/99

Installation shall comply with all the requirements of the Health District and Idaho's Individual Subsurface Sewage Disposal Regulations as stated below. Failure to install system in compliance with permit will cause disapproval by District 7 and possible legal action.

CDP No. _____ T-Code: 232 Time: 10 Permit No. 4401011
Receipt No. _____

Permit Issued To: Name STEVE KITTO Phone _____

For Location: Address _____ City _____ Zip _____

Legal Description: 1/4 Section _____ Section 24 Township 4N Range 45E

Subdivision _____ Lot _____ Block _____

SEPTIC TANK SPECIFICATIONS (minimums)

Size of Septic Tank: 900 gallons Multiple tank (if using or required): _____ Total gallons
Pump Chamber (if required): _____ gallons First tank: _____ gallons Second tank: _____ gallons

SEWAGE DISPOSAL (DRAINFIELD) SPECIFICATIONS (minimums)

Type(s) of Standard Sewage Disposal System Permitted: Trench Bed _____ Pit _____ Gravelless 200ft 12 domes
Basic Alternative Privy _____ Steep Slope System _____ Capping Fill _____ Extra Drain-rock Trench _____

Type(s) of Complex Alternative Disposal System Permitted: Sand Filter Intermittent _____ Sand Filter Intrench _____
Sand Mound _____ Lagoon _____ Extended Treatment Systems _____ Large Soil Absorption Systems _____
Other _____

Complex Alternative Disposal Systems are required to be installed by a licensed complex installer

MAXIMUM DEPTH OF EXCAVATION: 3 Feet DISPOSAL AREA SIZE: 333 Sq. Ft.
SOIL TYPE: VG loamy sand APPLICATION RATE: .6 gals/day/ft²
DISTANCE TO NEAREST SURFACE WATER (explanation): _____

SPECIAL CONDITIONS

Sigd for 2 BRM

I hereby agree that the system will be installed as per this permit and will not make any changes from the permit without written approval from District 7. I also hereby authorize access to this property for purposes of inspection.

Applicant/Agent Signature: _____ Date: _____

ISSUED BY EHS
Raymond Keating EHS Date Issued: 28 Feb 01
Expiration Date: _____

Note Other requirements on reverse side of permit.

DISTRICT SEVEN HEALTH DEPARTMENT
APPLICATION FOR SEWAGE DISPOSAL PERMIT
SINGLE FAMILY RESIDENCES (This is not a permit to install)

11
Receipt # 1048
Permit # 12

Owner of system: Steve Kitto

Phone # 307-739-3054
^(w) 307-690-1044

Mailing Address of Owner: P.O. Box 2343 City: Jackson Zip: 83001

Location of actual system:
Legal Description: 1/4 Section. Section 24 Township 4N Range 45.E
Subdivision Name if applicable: Lot Block
Address: City Zip

Directions to property: 450 S. 50 E.
End of 450 S.

Lot Size: 10.25 acres. Water Supply: Private Well Shared Well () Public System ()

Constructional Activity: New Construction Enlargement () Replacement ()

Wastewater Flow Information:
Maximum number of potential bedrooms 2
Will home have basement with bathroom, laundry or other plumbing for disposal of wastes? Yes No

Daylight

Proposed Disposal System:
Standard Systems: Trench Gravelless Dome () Absorption Bed () Seepage Pit ()
**Note* Current rules require you to install one of the systems listed above if you can, however, if you cannot due to circumstances such as sub-water, slope, separations to surface water, or other items, then you must install one of the alternative systems listed.*
Basic Alternative System: Capping Fill Trench () Gray Water Sump () Steep Slope ()
Incinerator Toilet () Pit Privy () Vault Privy ()

Complex Alternative System: Evapotranspiration () Experimental () Extended Treatment Package () Intermittent Sand Filter () In-Trench Sand Filter () Lagoon () Pressure Distribution () Sand Filter- Intermittent () Sand Filter-Recirculating () Sand Mound ()
Two Cell Infiltrative ()

**Note* Current rules require you to hire a septic installer that is licensed to install complex systems. A homeowner or an installer that only holds a standard or basic alternative permit cannot install complex systems.*

I certify that public or central sewage facilities are not reasonably accessible. I understand that if this system is constructed by anyone other than homeowner, a licensed installer must install it. I understand that the system must be inspected and approved prior to final cover. I understand this is an application only and that it is necessary to have a permit before construction can begin. * Note * Once the permit has been issued, no changes can be made without prior approval from District Seven Health Department.

I am the: Homeowner Owner's authorized representative: Installer license number Contractor ()

I hereby authorize access to this property for the purpose of conducting an on-site evaluation. I understand it is necessary to have one of the following present during the evaluation: Homeowner, Installer or Contractor.

Signed By: X Stephen Kitto Date: 2-26-01

ON-SITE EVALUATION

Date(s) On-Site Evaluations Conducted. 26/10/01
 Travel Time associated with evaluation. 30
 Inspection Time associated with evaluation. 10

CURRENT LAND USE: Field

SITE SUITABILITY:

Slope: Does slope prohibit installation of proposed system? Yes No

Soil Types:
 Based on SCS maps. Type A B C Unacceptable
 Based on Engineering Report. Type A B C Unacceptable
 Based on Test Hole. Type A B C Unacceptable

Test Hole Information:
 Depth of Test hole. _____
 Predominant soil type observed. _____
 Bedrock encountered. _____
 Any ground water encountered. _____
 Other concerns. _____

Effective Soil Depth: Has sufficient soil depth below bottom of proposed system to meet rules? Yes No

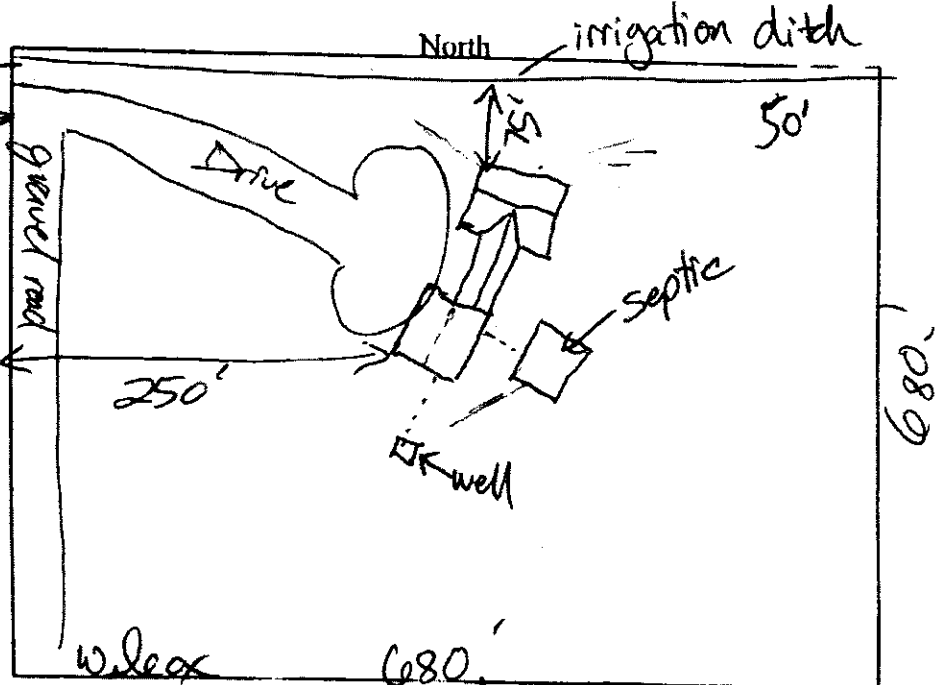
Depth to nearest Groundwater. 10' Depth to nearest impermeable layer. 60'

Separation Distances: (Property has sufficient area for system and replacement to meet all separation requirements?)

Well location (owners property)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Nearest neighbor's well	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Distribution lines	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Downslope Cut or Scarp	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Temporary Surface Waters	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Property lines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Permanent or Intermittent Surface Water	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

PLOT PLAN: (Show proposed building sites, well location, septic site, replacement area, any surface waters, property lines, and utilities if known.)

Comments: 450 S



By EHS. RR