



Oregon

Theodore R. Kulongoski, Governor

Department of Environmental Quality

Western Region

Grants Pass Branch Office

510 NW 4th St., Rm #76

Grants Pass, OR 97526-2019

(541) 471-2850

FAX (541) 479-2764

September 1, 2004

David Linderman
367 Eric Way
Grants Pass, OR 97526

IMPORTANT DOCUMENT – PLEASE READ CAREFULLY

-This is not a construction permit-

RE: **Site Evaluation #0417-109 Results – Site Approval With Conditions**
Township/Range/Section: 35-05-30-23, Tax Lot Number: 304
323 Eric Way, Grants Pass, Josephine County

Dear Mr. Linderman:

Your site was evaluated for suitability of on-site sewage disposal systems on the following date(s):
6/14/04, 9/1/04. Based on this evaluation, the following on-site sewage disposal systems are approved:

Initial system: Sand filter, 150 linear feet drainfield (**SEE CONDITIONS PG 3**)

Replacement system: Sand filter, 150 linear feet drainfield (**SEE CONDITIONS PG 3**)

Details of the site evaluation are included in the Site Evaluation Report that is enclosed. The Site Evaluation Report also includes more specific information and further conditions of site approval.

Next Step – Applying for a Construction/Installation Permit

When you are ready to proceed with system construction, contact this office to get a permit application package. The permit must be issued by DEQ before you can start construction.

Request for Site Evaluation Report Review or Request for Variance

If you believe that an error was made in the evaluation of your property, you may apply for a Site Evaluation Report Review at a cost of \$440. If you would like to apply for a Variance from one or more of the On-Site Sewage Disposal rules, you may apply for a Variance at a cost of \$1340. If you are interested in either of these actions, please contact the undersigned for more details before you proceed.

Best wishes on a successful project. If you have any other questions about this report, please feel free to call me at (541) 471-2850, ext. 23.

Sincerely,

Richard E. Blake, R.S.
On-Site Wastewater Specialist

Enclosure
Site Evaluation Report



Site Evaluation Report For On-Site Sewage Disposal System Suitability

Site Location: 35-05-30-23, Tax Lot Number: 304
323 Eric Way, Grants Pass, Josephine County
Applicant: David Linderman
Date(s) of Site Evaluation: 6/14/04, 9/1/04
DEQ On-Site Specialist: Richard E. Blake, R.S.
Date of Report: September 1, 2004

General Description of Site Evaluations

Sewage contains disease-causing organisms and other pollutants that can cause adverse impacts to human health and the environment. An on-site sewage disposal system must treat and dispose of sewage in a way that will not cause a public health hazard, contaminate drinking water supplies, or pollute public waters.

Proper treatment in an on-site system begins with primary treatment in the septic tank. The septic tank separates the solid particles in sewage from the liquid. The liquid that comes out of the septic tank is called effluent. The effluent may then be dispersed in the soil for further treatment or discharged into a secondary treatment device such as a sand filter or aerobic treatment unit prior to dispersal in the soil. For proper treatment, the effluent must slowly infiltrate into the underlying soil. Dissolved wastes and bacteria in the effluent are trapped or adsorbed to soil particles or decomposed by microorganisms. This process removes disease-causing organisms, organic matter, and most nutrients. Effluent that comes to the ground surface (through poor soils or other problems with the system) can be a possible health hazard because it may still contain some disease-causing organisms. Soil that drains too quickly may not give the effluent enough treatment and may result in groundwater contamination.

The purpose of the evaluation was to locate suitable soils in an area that is large enough for both the initial drainfield area and the replacement drainfield area. The criteria used for this site evaluation can be found in Oregon Administrative Rules (OAR) 340-071.

Soil test pits and other site features were evaluated during the site visit on 6/14/04. In the site inspection, the following features were evaluated:

- Soil types - how well they drain and other evidence of good soil structure for treatment
- Depth to groundwater
- Wells located on the site or adjacent sites.
- Slopes, escarpments, ground surface variations, topography
- Creeks or springs on the site or adjacent properties
- Whether the soils have been disturbed
- Setbacks from property lines, buildings, water lines, and other utilities
- Other site features that could affect the placement of your on-site system.

Approved Systems

Based on the evaluation of the site conditions, the following on-site sewage disposal systems are approved:

Initial System: System Type: Sand filter - conventional
Minimum Septic Tank Size: 1100 gallons
Linear feet of drainfield: 150
Distribution Method: Serial
Trench Depths – Maximum: 27" and Minimum: 24"
1. System staked out 9/1/04
2. Minimum 50' to pond and seasonal drainage.
3. Install initial system at pit #1

Replacement System: System Type: Sand filter - conventional
Minimum Septic Tank Size: 1100 gallons
Linear feet of drainfield: 150
Distribution Method: Serial
Trench Depths – Maximum: 27" and Minimum: 24"

Attached is the Site Evaluation Field Worksheet, which shows the approved areas and other details of the site visit.

Site Limitations

Most sites have some limitations that will affect either the location of the on-site sewage system, or the type of system that can be allowed. The following describes the limitations found at this site.

Setback from property lines

Rule requirement: 10' setback required

Description: This is more of a practical issue – it allows construction of the system without trespass or damage to neighboring properties.

Too close to “public waters”, i.e. springs, year round streams, intermittent streams, groundwater interceptors, or canals

Rule requirement: Depending on the type of waterbody/source of water, setbacks are from 10 feet to 100 feet.

Description: Soils provide an important part of the treatment and “sanitizing” process for sewage. Bacteria and other organisms that live in soil can destroy some pathogens; and over time pathogens will die off. Sewage also contains other pollutants that can be harmful to surface waters, such as nitrates, phosphates and organic material, all of which are treated in soils. These

setbacks are to prevent incompletely treated sewage from discharging to surface waters where it can both be a health hazard and pollute the surface water.

Not enough effective soil depth

Rule requirement: 30" + required, minimum of 6" from bottom of trench to layer that limits effective soil depth.

Description: "Effective soil depth" is defined as "...the depth of soil material above a layer that impedes movement of water, air, and growth of plant roots. Layers that differ from overlying soil material enough to limit effective soil depth are hardpans, claypans, fragipans, compacted soil, bedrock, saprolite, and clayey soil." Soils provide an important part of the treatment and "sanitizing" process for sewage. However, this treatment by the soils requires air to penetrate. The problems caused by not enough effective soil depth: poor treatment of the sewage, and sewage being forced to the ground surface where it is a public health hazard.

Additional Conditions of Site Approval

1. This site is approved for the type of disposal system described above. Peak sewage flow into the system is limited to a maximum of 450 gallons per day, with an average sewage flow of not more than 225 gallons per day. This is normally sufficient to serve a single-family dwelling with a maximum of four bedrooms. Premature failure of the treatment system may occur if either of these flow quantities is exceeded. If for some reason you expect your domestic household water use may exceed these flows, it may be advisable to increase the size of the treatment system.
2. Any alteration of natural soil conditions (i.e. cutting or filling) in the acceptable area may void this approval.
3. Both the initial and replacement disposal areas are to be protected from traffic, cover, development, or other potential disturbance of natural soil conditions.
4. The area must not be subjected to excessive saturation due to, but not limited to, artificial drainage of ground surfaces, roads, driveways, and building down spouts.
5. This approval is site specific and intended to serve only one tax lot. Future lot line locations through or near the approved area may invalidate this approval.

6. Placement of a well within 100 feet of the approved areas may invalidate this approval.

This site approval is valid until the system approved above is constructed in accordance with a DEQ construction permit. Technical rule changes shall not invalidate this approval, but may require use of a different kind of system. If there is a technical rule change affecting this site approval, the Department will attempt to notify in writing the current property owner as identified by the county assessor's records. The site approval runs with the land and will automatically benefit subsequent owners.

Attachment: Field Worksheet

SITE EVALUATION FIELD WORKSHEET

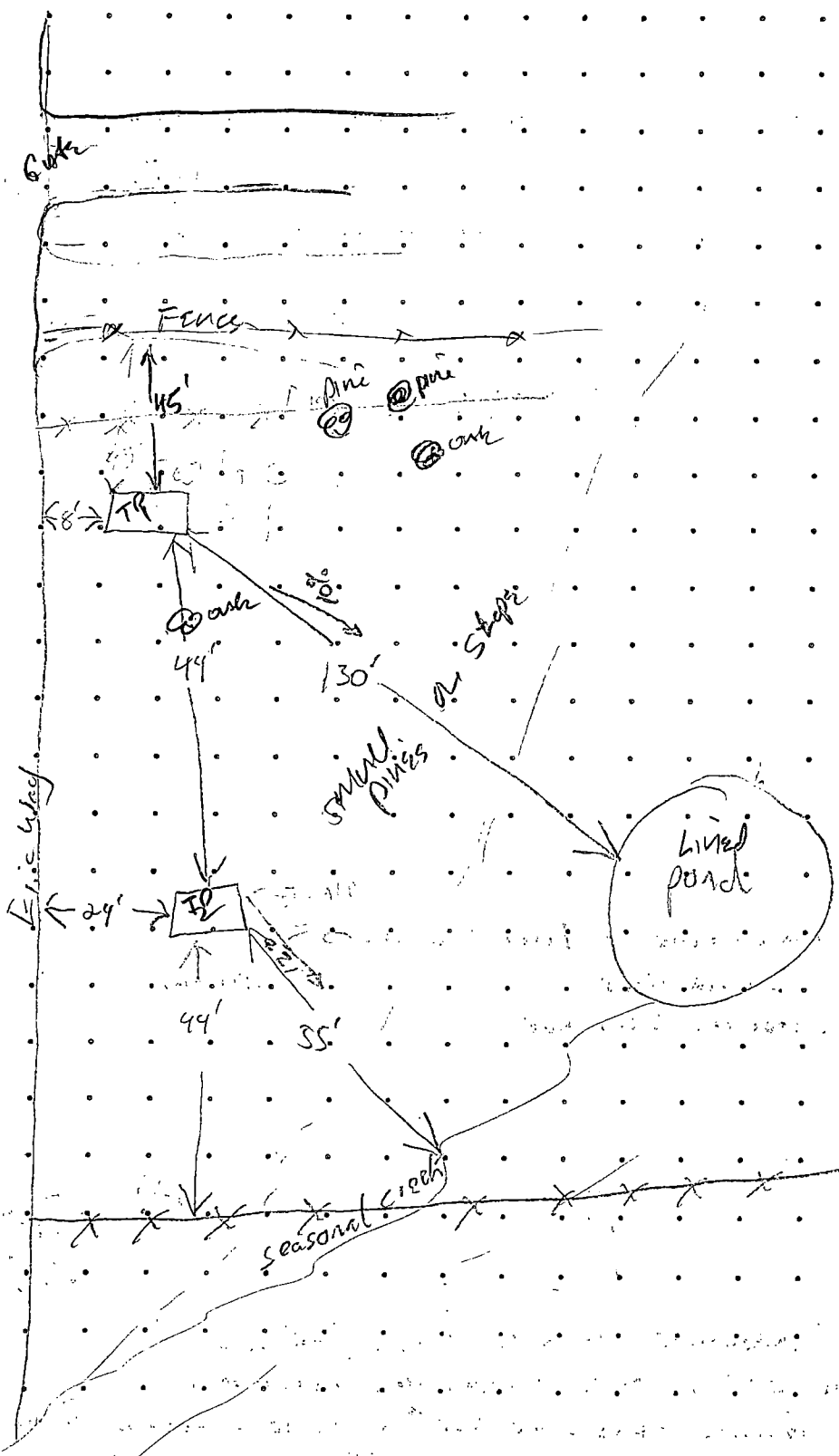
Tax Reference 35-05-30.23 TL304 Evaluator 6/10/04
 Applicant DAVID LICHTENHEIM Date 6-14-04 S.E. # 0417-109

	Depth	Texture	Soil Matrix Color and Mottling (Notation), % Coarse Fragments, Roots, Structure, Layer Limiting Effective Soil Depth, etc.
Pit 1	0-7	silty	5 3/3 com med roots
	7-14	gsi clay	5 3/3 com med roots 25% coarse frags
	14-20	visi cl	7.5 4/4 abrupt root boundary @ 20" ESD = 33"
	20-33	visi cl	7.5 4/4
	33-60		decomposing rocks packed w/ s/c
Pit 2	0-7		silty
	7-15		"
	15-34	c/c	2.5 5/4 10 4/1 1/2 7.5 6/2 roots 30% coarse frags
	34-64		decomposing rock 7.5 4/4 coating com roots
			ESD 15"
Pit 3			
Pit 4			

Landscape Notes SCATTERED OAKS - PINE - PONY CORRAL
 Slope 10-12% Aspect SOUTH EAST Groundwater Type TEMPORARY
 Other Site Notes POND - SEASONAL DRAINAGE

SYSTEM SPECIFICATIONS

9-1-04
 Type System: Design Flow 450 gpd Disposal Field Size 150 Linear Feet
 Initial SAND FILTER System Sizing 50' / 150 g. Max. Depth Absorption Facility (in) 27"
 Replacement SAND FILTER System Sizing 50' / 150 g. Max. Depth Absorption Facility (in) 24"
 Special Conditions SYSTEM STAKED-OUT 9-1-04. - OK RBL
MINIMUM 50' TO POND + SEASONAL DRAINAGE.
INSTALL INITIAL SYSTEM AT PIT # 1. - SEE STAKE-OUT PLAN BY
STEPHEN STARK.



Stephen Stankovic
 SGT. Retired
 5-21-04



State of Oregon
Department of
Environmental
Quality

Application for On-Site Sewage Treatment System

Department of Environmental Quality

510 N.W. 4TH St.

Grants Pass, OR 97526

Phone: (541) 471-2850

Fax: (541) 479-2764

Requirements:

- Plot Plan ☐
Vicinity and Tax Lot Map ☐
Test Pits—5 feet deep ☐
Development Permit ☐

Included:

- Plot Plan ☐
Vicinity and Tax Lot Map ☐
Test Pits—5 feet deep ☐
Development Permit ☐

For DEQ Use Only:

Date Received 5-24-04
Fee Paid 465.00
Receipt Number 112602
Application Number 0417-109
Date of 1st Response 6-14-04 6F
Date of 2nd Response 8-1-04 PR
Date of Final Response _____
Date of Completion _____
☐ Scanned ☐ Data Entry
Underground Utility Locate Number
1-503-232-1987 or 1-800-332-2344

A. Property Owner Information

David Linderman 367 Eric Way Grants Pass, OR 97526 476-2510
Name Mailing Address City State Zip Code Phone Number

B. Legal Property Description

35 5 3023 304
Township Range Section Tax Lot Acreage or Lot Size County
Property Address: 323 Eric Way Grants Pass OR 97526
Address City State Zip Code
Directions to Property: Soldier Creek to Eric Way

C. Existing Facility / Proposed Facility / Water Information

Existing Facility:

☐ Single Family Residence

Number of Bedrooms _____

☐ Other _____

Proposed Facility:

☒ Single Family Residence

Number of Bedrooms _____

☐ Other _____

Water Supply:

☐ Public

Name _____

☐ Private

Well, Spring, Shared

D. Type of Application

- ☒ Site Evaluation ☐ Renewal Permit ☐ Authorization Notice for:
☐ Construction Permit ☐ Existing System Evaluation ☐ Connecting to an Existing System Not in Use
☐ Repair Permit ☐ Permit Transfer ☐ Replacing a Mobile Home or House with Another Mobile Home or House
☐ Major ☐ Minor ☐ Permit Reinstatement ☐ The Addition of One or More Bedrooms
☐ Alteration Permit ☐ Personal Hardship
☐ Major ☐ Minor ☐ Temporary Housing
☐ Other - Please Specify _____

If the required fee and attachments are not included with this application, it will be returned to you as incomplete. Post a sign with your name and address at the entrance to the property. Flag route to site and indicate lot and test hole numbers.

By my signature, I certify that the information I have furnished is correct, and hereby grant the Department of Environmental Quality and its authorized agents permission to enter onto the above described property for the sole purpose of this application.

David Linderman
Signature

05-17-04
Date

DAVID L. LINDERMAN
Applicant's Name - Please Print Legibly

476-2510
Applicant's Phone Number

Cell: 961 2007
2008
DAVID
Applicant's E-mail Address

367 ERIC WAY GRANTS PASS ORE.
Applicant's Mailing Address

Applicant is the ☐ Owner ☐ Authorized Representative ☐ Authorization Attached

☒ Licensed Septic Installer
Stephen Stark
Excavation, LLC
Installer's Name

6-15 left message
1:30
6-16 left message
for DL to call

35 05 30.23 304

DAVID Linderman

Twp. Range Sec. Tax Lot # Tax Account # OWNER

DATE	NARRATIVE/ACTION	Initials
6-16-04	SF Inspection - needs to stake out for SF APPROVAL possibility	
6-16-04	Discussed w/ David Linderman - he told me Stephen Stark, instructor contracted me to discuss DF placement layout - also discussed possible easement on to his (DL) lot if needed for DF.	
6-18-04	Talked to Stephen Stark - discussed DF location and house site - need to lay out 300' of DF for SF system. Apparently Linderman's DF is just across fence on road to locate it also. Buyers want to build house to place - discussed that foundation DVARs would cause a low interception which would require a cul set back - Steven will lay out 300' of DF, locate Linderman's DF and call me	
8-6-04	Spoke w/ Stephen Stark - he will stake out	RT

This map was prepared for
assessment only.

JOSEPHINE COUNTY

1" = 100'

SEE MAP 35 5 30BB



JOSEPHINE COUNTY HEALTH DEPT.
714 N.W. 'A' Street
Grants Pass, Oregon 97526

VERIFICATION OF ZONING PROVISIONS*

Josephine County, Oregon

Date 3-28-71

Zoned Area V

APR 10 1975

Owner Louise Harmon

Mailing Address 620 Saldia Creek Rd

Property Description

Subdivision-Name Bonnie Brice Sub Lot 9 Block

Twp 35 Range 5 Section 30BC Tax Lot 304

Existing Lot-Width 217 Depth 25 Total Area 147 AC

Fronting on ERIC WAY

Number of Proposed Lots 1 Existing Residence: yes no X

ALL PROPOSED LOTS TO RECEIVE SITE INVESTIGATIONS.

Proposed Lot Plan

Louise M Harmon
Signature of Applicant

District Classification SR-5 Min. Road Frontage 25'

Min. Lot Size 5 AC Min. Lot Width at Building Line 300'

Approved By: J. Kly

* FOR SITE INVESTIGATION ONLY

No. 180

VERIFICATION OF ZONING PROVISIONS*

Josephine County, Oregon

Date 3-28-75

Zoned Area V

Owner June M Harmon

Mailing Address 620 Soldier Creek Rd

Property Description

Subdivision-Name Bonnie Brac Sub Lot 6 Block

Twp 35 Range 5 Section 30BC Tax Lot 306

Existing Lot-Width 300 Depth 217 Total Area 1.49A

Fronting on ERIC Way

Number of Proposed Lots 1 Existing Residence: yes no X

ALL PROPOSED LOTS TO RECEIVE SITE INVESTIGATIONS.

Proposed Lot Plan

June M Harmon
Signature of Applicant

District Classification SR-5 Min. Road Frontage 5A

Min. Lot Size 35A Min. Lot Width at Building Line 300'

Approved By: J. Klug

* FOR SITE INVESTIGATION ONLY

No. 182

Cliff Bartholomew

March 18, 1975

	Hole #	Description
lot 303	1	Slope 8-10%; water @46" gravelly clay loam 0-24"-----restrictive clay @ 25"
	2	Slope 8-10%; water @18"---Restrictive clay @12" ----- hole only 36" deep
	3	Slope 5%; water @44"---clay loam 0-25"--- cemented gravel 25"-60" (65% gravel) Restrictive @ 25" mottles @ 20"
lot 304	4	Gravelly clay loam 0-23"-----clay restrictive clay @23"----- slope 8% mottles @ 23"
	5	Clay loam 0-23"---restrictive clay @23"-30"--- cobble clay 30"-60"-----mottles @ 20" slope 6% water @s 57"
tax lot 305	6	(---75ft. from intermittent stream---) Slope 8%; water @ 31" clay loam 0-17" cemented gravel layer d 18" restrictive @ 18" mottles @ 18"
	7	Slope 5%; water @ 32" clay loam 0--24" restrictive clay @ 24"-33" 80% rock & parent material 33"-60" mottles @ 20"
tax lot 306	8	Clay loam 0-20" restrictive clay @20" slope 5%; water @ 32"
	9	Clay loam 0-15" restrictive clay 15"-35" cobble clay 35"-60" mottles @ 15", slope 5%



COUNTY HEALTH DEPARTMENT

JOSEPHINE COUNTY OREGON

714 N.W. A STREET
GRANTS PASS, OREGON 97526

March 10, 1975

Irene Harmon
620 Soldier Creek Road
Grants Pass, Oregon

Re: Notice of Denial of a Septic Tank
Permit Number _____ or Site
Investigation Number 1889

Desc: T 35 - R 5- Sec 308C
Tax Lot 304, 305, 306

Dear Mrs. Harmon:

On 3/18/75, Charles Costanzo, authorized agent of the Department of Environmental Quality, examined your plans for a proposed installation of a subsurface sewage disposal system. On the basis of that examination and inspection, the undersigned sanitarian has determined that approval cannot be given at this time to your request. The proposed installation would be in violation of the following administrative rules and for the reason (s) given:

Reasons

Applicable Rule

- | | |
|--|---|
| 1. ☐ An impervious layer is less than 36 inches below the ground surface or less than 12 inches below the bottom of the disposal trench. | 1. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1-a) |
| 2. ☐ An impervious soil layer was found _____ inches from the ground surface having a surface slope of _____ percent. | 2. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1 & d-B) |
| 3. ☒ A restrictive soil layer is less than 30 inches below the ground surface or less than 6 inches below the bottom of the disposal trench. | 3. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1, b) |
| 4. ☐ A restrictive soil layer was found _____ inches from the ground surface having a surface slope of _____ percent. | 4. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1, d-A) |
| 5. ☐ Surface slope was in excess of 25 percent. | 5. OAR Chap. 340, Div. 9, Subd. 1, Section 71-030 (1, d) |
| 6. ☐ Temporarily perched watertable will be in contact with the disposal field. | 6. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1) |

Memorandum

JOSEPHINE COUNTY HEALTH DEPARTMENT

714 N. W. "A" St., Grants Pass, Oregon, Ph. 476-4264

TO : Irene Harmon

DATE:

FROM : CDC

SUBJECT: Denial letter Site Investigation #1889 35-5-30BC
TL# 304,305,306

On March 18, 1975, CDC

Reasons

3. a restrictive . . .

Statue

3

Lots 4, 5 and 6, BONNIE BRAE SUBDIVISION 35-5-30B1

Tax Lots #304, #305 and #306

Don D. Fleming Co., Inc.

Two test holes on each lot spaced at least 75 feet apart.

Chuck:

all the holes were full of
water so I had them refilled.
Need a letter of denial on each
lot.

Thanks loads,
Irene

Reasons (cont.)

7. ☐ Insufficient area available for a full subsurface sewage system replacement.

8. ☐ Does not meet the minimum setback requirements as follows:

9. ☐ Watertable (saturated zone) is within 6 feet of the natural ground surface.

10. ☐ Other _____

Applicable Rule (cont.)

7. OAR Chap. 340, Div. 7, Subd. 1, Section 71-020 (3, E)

8.

9. OAR Chap. 340, Div. 7, Subd. 1, Section 71-030 (1-c)

10.

We have regretfully denied your application for a subsurface sewage disposal system. We want to inform you though that this denial is for the specific area we have observed and may not hold true for the total property.

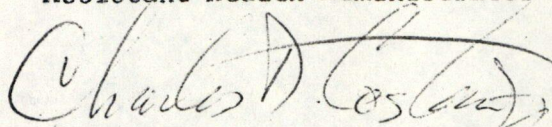
We encourage you to make contact with us for purposes of discussing possible alternate sites. You may be able to provide additional soil test holes in different areas of your property that would be acceptable.

The DEQ is contemplating changes in the rules that will allow for what is known as "alternate systems." This will be an alternate to the standard septic tank system. This may hold some promise to you. Also a "variance board" is being studied as a possibility to consider specific variances.

If you have additional questions concerning this denial, please call the County Health Department at this number, 479-5575. We will assist you to the best of our ability.

Sincerely yours,

C. WILLIAM OLSON, M.P.H.
Assistant Health Administrator



Charles D. Costanzo
Register Sanitarian

NO
 NUMBER: HD 1889 PRIVATE

 VZP IV 180, 181, 182
 SITE INVESTIGATION

Josephine County Health Dept.

 Date 4-1-75

ANY PERSON, FIRM, OR CORPORATION DESIRING TO SUBDIVIDE LAND INTO FOUR OR MORE BUILDING SITES OR DEVELOP A MOBILE HOME PARK SHALL SUBMIT THIS BUILDING SITE INVESTIGATION REPORT TO THE HEALTH DEPARTMENT. THE INFORMATION SHALL BE OBTAINED THROUGH AN ENGINEER OR A LAND SURVEYOR. THE HEALTH DEPARTMENT WILL INVESTIGATE UP TO AND INCLUDING THREE BUILDING SITES FOR A FEE OF \$5.00 PER BUILDING SITE.

 Name of Property Owner Gene Harmon Phone

 Mailing Address of Property Owner 620 Soldier Creek Road

 Name of Developer Phone

 Mailing Address of Developer

 General Directions to Development, Including Landmarks Eric Shay
Bonne Brae Sub. Lots 4, 5, 6

 (attach copy of assessor's map) Township 35 Range 5 Section 30 BC Tax Lot Number 304, 305, 306

 Metes and Bounds, if Part of a Tax Lot

 Total Acreage 4.5 ± Dimensions

 Number of Building Sites Desired 3 Number of Mobile Home Spaces Desired

 Source of Water Supply: Individual — Well (drilled X driven dug) Surface Spring

 Public: City Community System (name)

 Plot plan required for final approval.

 Permit Fee Received \$7500 4-1-75 Signature of Developer Gene Harmon Clerk 4-1-75 7500 ler

FIELD INFORMATION REQUIRED

 General Topography Slope 5-8% Rolling hills

 Relationship to Existing Domestic Water Sources

 Hydrology: (1) Depth to ground water table (representative) Lot #304: mottles @ 20-23". Lot #305: mottles @ 18" & 20" water @ 31". Lot #306: water @ 32" mottles @ 15"

 (2) General description of methods to be used for removal of ground or surface water (if applicable)

 Relationship to Natural Water Courses (rivers, lakes, etc.)

 Soil Limitations: (If percolation tests are requested, attach results to this form. The percolation test form will be provided by the Health Department) see attached soil report

 Miscellaneous Information

 Date 3/18/75 Person Performing Investigation and Title CD Costanzo RS

FOR USE BY HEALTH DEPARTMENT

 We have found the above described property: Acceptable Conditionally Acceptable

 Not Acceptable XXX for use with individual sewage disposal systems.

 To obtain clearance on a conditionally approved property the following is necessary:

 in for denial of a septic tank system is as follows: See attached letter

Sanitarian

 Date 4/10/75

SOLDIER

CREEK

400
4.51 Ac.

301
1.45 Ac.

100
1.24 Ac.

WAY

BONNIE

COLON

200
1.22 Ac.

302
1.45 Ac.

THIS SKETCH IS FOR LOCATION PURPOSES
ONLY AND NO LIABILITY IS ASSUMED FOR
ANY VARIATIONS DETERMINED BY SURVEY
JOSEPHINE COUNTY TITLE CO.

600
9.51 Ac.

303
1.46 Ac.

BRAE

5

500
4.59

304
1.47 Ac.



305
1.48 Ac.

SUBDIVISION



306
1.49 Ac.

