35289 WASHBURN HEIGHTS DR

BROWNSVILLE, OR





AGENT INFORMATION



Paul Terjeson is the Principal Broker/Owner of Oregon Farm Brokers, the Willamette Valleys leading Farm, Ranch, and Land experts. For over 25 years, Paul and his team have been representing Sellers and Buyers and are experts in the purchase or sale of: High Value Farm Ground, Ranch Land, Development Property, Luxury, Small and Large Acreage, Residential, and Multifamily. Oregon Farm Brokers diverse background includes 5th generation farmer, nursery and dairy manager, land developers, and economist. Paul and his team have the combination of skills, experience, and service to understand the layers of complexity and fluency with local zoning, water rights, soils, and construction standards in Oregon. We are here to assist you in building your Real Estate Portfolio. Paul brings a high degree of professionalism to help you sell your property for the highest possible value, find the next perfect property and protect you and your interests throughout the transaction.

PAUL TERJESON PTERJY@KW.COM 503-999-6777

Steve is a fifth generation farmer who was born and raised on a farm in the Willamette Valley. Steve farmed for 32 years growing crops that includes blueberries, mint, row crops, and grass seed. He also has a wide array of knowledge about soils, water rights, property management, ranching and forestry. Steve has served on the South Santiam River Water Board for fifteen years. Steve enjoys working on improving his forested property and spending time at his farm in Eastern Oregon. He looks forward to serving the hard working people of the Willamette Valley and surrounding areas with their real estate needs. He uses his attention to detail and foresight to proactively address every aspect of his client's real estate transactions. With a reputation of hard work, honesty, and protecting his client's interests, Steve is interested in doing everything possible to ensure you are successful.



STEVE HELMS STEVEHELMS@KW.COM 541-979-0118



Home

1,955 SqFt

- 2 Bedrooms, 2.5 Bathrooms
 - 1 Bonus Room
- Heated Master Bathroom Flooring
- Clawfoot Soaking Tub
 - Unique Stain Glass Window Above Tub
- Recently Remodeled Kitchen
 - Stainless Steel Appliances
 - Swing Out Pantry
- Trex Deck with Cable Railing
 - Upstairs Installed 2019
 - Downstairs Installed 2016
- Solar Screens
- Multiple Skylights
 - 2nd Bedroom Upstairs has Velux Feature
- Vaulted Ceilings
- Internet Type Alyrica
- Wyze Security System
- Upstairs Flooring
 - Bambo
- Downstairs Flooring
 - Marmoleum and Cork

Land

Beautifully Landscaped Deer Fenced Garden with Raised Beds Fenced Dog Yard Chicken Coop Barn • 110 Power Long Private Driveway

Mountain Views of Marys Peak Serene Woodland Setting Established Fruit Trees and Berries

















Maps







County Information

List Packet (s) Provided Through County Records





LINN COUNTY PROPERTY PROFILE INFORMATION

Parcel #: 0384137

Tax Lot:	13S02W1800328
Owner:	Snetsinger, Thomas
CoOwner:	Herman, Christina

Site: 35289 Washburn Heights Dr

Brownsville OR 97327

Mail: PO Box 306

Brownsville OR 97327

Zoning: County-F/F - Farm/Forest

Std Land Use: OTHR - Other

Legal: - LOT 2

Twn/Rng/Sec: T:13S R:02W S:18 Q: QQ:



ASSESSMENT & TAX INFORMATION

 Market Total:
 \$705,880.00

 Market Land:
 \$317,050.00

 Market Impr:
 \$388,830.00

 Assessment Year:
 2022

 Assessed Total:
 \$275,130.00

 Exemption:
 Taxes:

 Taxes:
 \$3,074.20

 Levy Code:
 55203

 Levy Rate:
 11.1736

SALE & LOAN INFORMATION

Sale Date: 07/01/2015 Sale Amount: Document #: 9871 Deed Type: Deed Loan Amount: Lender: Loan Type: Interest Type: Title Co:

PROPERTY CHARACTERISTICS

Year Built:	1988
Eff Year Built:	2007
Bedrooms:	3
Bathrooms:	2
# of Stories:	1
Total SqFt:	1,955 SqFt
Floor 1 SqFt:	
Floor 2 SqFt:	
Basement SqFt:	
Lot size:	18.54 Acres (807,602 SqFt)
Garage SqFt:	
Garage Type:	
AC:	
Pool:	
Heat Source:	Wall Electric
Fireplace:	
Bldg Condition:	Average
Neighborhood:	
Lot:	2
Block:	
Plat/Subdiv:	
School Dist:	552Z6 - Central Linn
Census:	1038 - 030500
Recreation:	

Sentry Dynamics, Inc. and its customers make no representations, warranties or conditions, express or implied, as to the accuracy or completeness of information contained in this report.

Assessor Map



Site Address: 35289 Washburn Heights Dr

Sentry Dynamics, Inc. and its customers make no representations, warranties or conditions, express or implied, as to the accuracy or completeness of information contained in this report.



Fidelity National Title

Parcel ID: 0384137

Site Address: 35289 Washburn Heights Dr

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Parcel ID: 0384137

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Fidelity National Title

Parcel ID: 0384137

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LINN County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2023

2023 11:56:38 a
0 0 0
0 0 0
0
0
Trended RMV
3,000
39,530
30,000
254,810
327,340
Trende # RMV
2,500
4,330
24,190
298,050
329,070
0
0

9/29/2016-JG

STATEMENT OF TAX ACCOUNT

Linn County Courthouse, Room 214 300 4th Ave SW, PO Box 100 Albany, Oregon 97321-8600 (541) 967-3808

SNETSINGER THOMAS & HERMAN CHRISTINA TRUST C/O THOMAS SNETSINGER PO BOX 306 BROWNSVILLE OR 97327

Tax Account #	384137	Lender Name
Account Status	А	Loan Number
Roll Type	Real	Property ID 55203
Situs Address	35289 WASHBURN HEIGHTS DR BROWNSVILLE OR 97327	Interest To Feb 15, 2023

Tax Summary

Tax Year	Tax Type	Total Due	Current Due	Interest Due	Discount Available	Original Due	Due Date
				Duc			Date
2022	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$3,074.20	Nov 15, 2022
2021	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$3,187.21	Nov 15, 2021
2020	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$3,125.54	Nov 15, 2020
2019	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$3,060.03	Nov 15, 2019
2018	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,978.82	Nov 15, 2018
2017	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,896.74	Nov 15, 2017
2016	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,819.48	Nov 15, 2016
2015	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,668.70	Nov 15, 2015
2014	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,578.09	Nov 15, 2014
2013	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,516.76	Nov 15, 2013
2012	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,438.46	Nov 15, 2012
2011	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,371.16	Nov 15, 2011
2010	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,296.68	Nov 15, 2010
2009	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,236.50	Nov 15, 2009
2008	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,197.73	Nov 15, 2008
2007	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$2,124.83	Nov 15, 2007
2006	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,812.77	Nov 15, 2006
2005	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,767.58	Nov 15, 2005
2004	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,654.64	Nov 15, 2004
2003	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,750.14	Nov 15, 2003
2002	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,712.14	Nov 15, 2002
2001	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,742.89	Nov 15, 2001
2000	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,642.09	Nov 15, 2000
1999	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,636.62	Nov 15, 1999
1998	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,486.21	Nov 15, 1998
1997	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,680.90	Dec 15, 1997
1996	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,582.34	Nov 15, 1996
1995	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,400.94	Nov 15, 1995
1994	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$964.56	Nov 15, 1994
1993	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,111.16	Nov 15, 1993
1992	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,352.33	Nov 15, 1992
1991	ADVALOREM	\$0.00	\$0.00	\$0.00	\$0.00	\$1,473.19	Nov 15, 1991
	Total	\$0.00	\$0.00	\$0.00	\$0.00	\$67,341.43	

20-Jan-2023

STATEMENT OF TAX ACCOUNT

Linn County Courthouse, Room 214 300 4th Ave SW, PO Box 100 Albany, Oregon 97321-8600 (541) 967-3808

SNETSINGER THOMAS & HERMAN CHRISTINA TRUST C/O THOMAS SNETSINGER PO BOX 306 BROWNSVILLE OR 97327

Tax Account #	384137	Lender Name	
Account Status	A	Loan Number	
Roll Type	Real	Property ID	55203
Situs Address	35289 WASHBURN HEIGHTS DR BROWNSVILLE OR 97327	Interest To	Feb 15, 2023

Tax Summary

Tax	Tax	Total	Current	Interest	Discount	Original	Due
Year	Туре	Due	Due	Due	Available	Due	Date

20-Jan-2023

Until a change is requested send tax statements to: [NO CHANGE]

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After recording, return to: Evashevski, Elliott, Cihak & Hediger, PC PO Box 781 Corvallis, OR 97339



Steve Dirticker miller Good of en

The true and actual consideration paid for this conveyance is \$ -0-, estate planning purposes.

WARRANTY DEED

Thomas J. Snetsinger and Christina M. Herrmann, Grantor, conveys and warrants to Thomas James Snetsinger and Christina Marie Herrmann, trustees of the Thomas Snetsinger and Christina Herrmann Trust dated June 19, 2015, or the Successor Trustee, Grantee, and to Grantee's heirs, successors and assigns, the following described real property situated in Linn County, Oregon, to wit:

Parcel 2, Partition Plat 1990-29, filed November 6, 1990 in the County of Linn and State of Oregon. TOGETHER WITH, an easement for roadway purposes, 30 feet in even width, as created by instrument recorded July 5, 1988 in Volume 474, page 763, Microfilm Records of Linn County, Oregon, the centerline of which is described as follows:

Beginning at a point on the Northerly right of way line of Washburn Road, which is South 12°33' East 7.37 feet, South 67°59' East 54.51 feet and South 70°11' East 119:10 feet from the Southerly Southwest corner of the O.H. Collins Donation Land Claim No. 40 in Section 18, Township 13 South, Range 2 West of the Willamette Meridian, Linn County, Oregon; thence South 85°18'55" East 13.25 feet; thence South 77°38'12" East 169.46 feet; thence North 73°34'58" East 171,25 feet; thence South 75°16'53" East 244 47 feet ;thence North 70°6'25" East 124.29 feet; thence North 75°29'09" East 109.65 feet; thence North 34°21'20" East 63.64 feet; thence North 0°20'0" West 270.32 feet; thence North 7º42'23" West 57.00 feet; thence North 17º53'22" West 112.46 feet; thence North 39°56'59* East 60.29 feet; thence North 82°52'22" East 129.53 feet; thence North 65°48'42" East 72.73 feet to the North line of the property conveyed to Jeffrey 8. Edwards and Stephanie Edwards by Bargain and Sale Deed recorded July 5, 1988 in Volume 474, Page 763, Microfilm Records of Linn County, Oregon, which is a point North 89°29'0" West 342.84 feet from the Northwest corner of Lot 36, Washburn Heights Subdivision.

Grantor warrants that the aforesaid property is free of encumbrances except liens, encumbrances, easements, covenants, conditions, restrictions, and exceptions of record.

Legal description created prior to January 1, 2008.

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warranties and covenants contained herein or provided by law shall be limited to the amount, nature, and

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1 - Warranty Deed

terms of any right or indemnification available to Grantor under any title insurance policy, and Grantor shall have no liability or obligation except to the extent that reimbursement for such liability or obligation is available to Grantor under any such title insurance policy.

The true and actual consideration paid for this conveyance is \$ -0-, estate planning purposes.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424 OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIEY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY UNDER ORS 195,300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11 CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7. CHAPTER 8, OREGON LAWS 2010.

IN WITNESS WHEREOF, the Grantor has duly executed this instrument this 19th day of June, 2015.

Thomas J. Snetsinger

Christina M. Herrmann

State of Oregon)) ss. County of Benton)

Personally appeared before me this 19th day of June, 2015, the above-named and identified Thomas J. Snetsinger and Christina M. Herrmann, and acknowledged the foregoing instrument to be their voluntary act and deed.



Notary Public for Oregon

Soil Report





Fields | Soil Survey January 20, 2023



All fields

19 ac.

SOIL	SOIL DESCRIPTION	ACRES PERC	ENTAGE OF	SOIL	NCCPI
CODE			FIELD	CLASS	
34E	Dixonville silty clay loam, 12 to 30 percent slopes	8.07	42.9%	4	53.4
34F	Dixonville silty clay loam, 30 to 50 percent slopes	4.47	23.7%	6	15.3
84G	Ritner cobbly silty clay loam, 30 to 60 percent slopes	4.01	21.3%	7	14.2
8	Bashaw silty clay	2.18	11.6%	4	33.9
9D	Bellpine silty clay loam, 12 to 20 percent slopes	0.10	0.5%	3	62.6
		18.83			33.8

 $\label{eq:acceleration} \mbox{AcreValue} @ 2023 \mbox{ Ag-Analytics Technology Company All Rights Reserved.} \\$ Use of this report is subject to Ag-Analytics Technology Company's Terms of Service. All information is provided without any express or implied warranties of any kind. Land prices are estimates of valuation and not certified appraised values.



Soil Survey: 1 of 1



Inspections

Buyers should not rely on this or any other correspondence because the information may not be accurate. The seller makes no representation whatsoever regarding the accuracy or completeness of the information and is providing the buyer with a copy of the report only for disclosure purposes. Buyer is advised to obtain their due diligence.



Septic



(REQUIRED FOR DLDING TANKI HIS Size Material LDGTS. OLDING TANKS & SYSTEMS WITH A PUNP OR SIPHON.) Material OSTING TANE: Xfg LFBORI MIE Node1 CPN Discharge Diam FUND OR SIPHON INSTALLED, TESTED & OPERATIONAL: Borsepower. WO'L MIL CTH Node1 ERCURY FLOAT SWITCHES AND AUDIBLE-VISUAL ALARM INSTALLED, TESTED & OPERATIONAL. Gate & check walves installed Diam PSI EISSURE SIVER! Length Material FTUDAT STUTA: Longth 27' Diam 4/" Material PV6 3884 Grada 15' dieP L LINEAR FOOTAGE OF DRAINFIELD 37.5 [Equal X Serial Preseurised Sidevalls Laked . Loop CE DEPTE: Min 24" Max 30" DISTANCE BETWEEN TRENCHES: Min 9' FIFE MATERIAL: Beader FVL 2719Lateral PVL 2729 MTIND BOCK: Total Depth /2 // Depth Below Pipe 6 // Supplier Mack Slate Dreiafield 1151 ACKS FROM WELLS: Septic Tank 140 Holding Tank Sand Filter FOLLOWING HAVE BEEN INSTALLED Sand Filter Pressurised Drainfield Tile Dewatering System Curtain Drain DIAGRAM OF SYSTEM IDE THE FOLLOWING: SCALE OR MEASUREMENTS, NORTH, WELL LOCATIONS, TWO MEASUREMENTS TO THE SEPTIC TARK LID, THREE GRADE SHOTS ACH LINE, REPAIR AREA. approx Property Il location differs from & well lines cement shown on approved + plan. Installer reports House Parking 1 loration to be ~ 15-20' ide property comer. Ling Deck Steep slope 22 4. 1 75 system installed 7.3 or small bench 9.8 steep slope 1 second bench area Re Pair Area derstand that I am responsible for the satisfactory completion of all required testing and final cover of the system." I ify that the installation described above complies with the requirements of Oregon Administrative Rules Chapter 340 and permit issued by LINN COUNTY ENVIRONMENTAL HEALTH DIVISION. aller's Signature DEQ License No. 36050 Date 8-17-88

Well



Pacific Analytical Laboratory, Inc.

4314 SW Research Way Corvallis, OR 97333

(541) 753-4946

ORELAP ID #OR100009

Water Quality Analysis Report

Tom Snetsinger 35289 Washburn Heights Dr. Brownsville, OR 97327

Daytime phone: (541) 466-5934

Date: November 16, 2001

Report Number: 3765

Sample Information

Sample Location:	Bathroom faucet
Collection Date:	11/13/01
Collection Time:	7:15 am
Water Source:	Well

Analysis Results

Parameter	Method	MDL	MCL	Result	Units	Initials
Coliform	SM 9223B	Absent	Absent	Absent	per 100 mls	RAP
E. coli	SM 9223B	Absent	Absent	Absent	per 100 mls	RAP
Arsenic Total	EPA 200.9	0.005	0.050	ND	mg/L	DEL

MDL - Method Detection Limit is the level at which the parameter can be detected.

MCL - Maximum Contamination Level allowed by the Oregon Health Division.

ND - None detected above this detection level.

DEL – Delta Environmental Services - Oregon Certified Lab #068. Note – Due to certification delays, this laboratory has not been NELAC certified yet but is certified by the Oregon Drinking Water Laboratory Certification Program.

Thank you for your business!

Reviewed By: ______Chris Holmes-Baker President

Page 1 of 1

Date:

11/20/01

Pacific Analytical Laboratory, Inc.

4314 SW Research Way Corvallis, OR 97333

(541) 753-4946

ORELAP ID #OR100009

Water Quality Analysis Report

Tom Snetsinger 35289 Washburn Heights Dr. Brownsville, OR 97327

Daytime phone: (541) 466-5934

Date: November 16, 2001

Report Number: 3766

Sample Information

Sample Location:	Kitchen faucet
Collection Date:	11/13/01
Collection Time:	7:10 am
Water Source:	Well

Analysis Results

Parameter	Method	MDL	MCL	Result	Units	Initials
Lead	EPA 200.9	0.005	0.015	ND	mg/L	DEL

MDL - Method Detection Limit is the level at which the parameter can be detected.

MCL - Maximum Contamination Level allowed by the Oregon Health Division.

ND - None detected above this detection level.

DEL – Delta Environmental Services - Oregon Certified Lab #068. Note – Due to certification delays, this laboratory has not been NELAC certified yet but is certified by the Oregon Drinking Water Laboratory Certification Program.

Thank you for your business!

Reviewed By: _____CHB Chris Holmes-Baker President

Page 1 of 1

Date:

11/28/01

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HALTING LADOUUS

A-1740 at	1
- NAVER COMMON	
· Jane Walte	
· Constants	

Analytical Leboratory & Consultants, Inc. 301 West Filth Avenue Eugana, OR \$7401 Oregan Cartine Lak OR016 541-455-5404

Lab Report No 19274				
Client P.O				
Date Received _	8/23/00	0920		

CHAR.

DOMESTIC WATER QUALITY INDICATOR TESTS

Adention		Delivered By	UPS
Name	Star Water Systems, Joz.	Water Source	Wel/Raw
Addresa	250 Market Street	Collected By .	Jeny
	Lebanon, OR 87355	Company	. Star Water Systems, Inc.
Phono/Fac.	541 259-3200 / 541-259-3207	Collected Date	6/22/00
Loueden	35 Weshburn Hilling	Sample Point .	Easy bitte as wellinged
	Brannwille, QR	Comments	Dave Edwards

ANALYSES		MAXIMUM CONTAMINANT LEVEL	RESULTS
	Arsenic	0 05 mg/l	mg4
	Hardness (as CaCO_)	250 mg/l	mg/
	kron	0.3 mg/l	mgA
	PH	85-85	
	Total Dissolved Golids (Estimated)	500 mg/l	mə/
x	And the second se	10 mg/l	<u><0.4</u> mgA
	Lead	Action Level 0.015 mg/	mgi

X.	Totel Collforn Bacteria	Present		A Jacem	America	-	
	E. Coll (a Fecal Coliform)	Present _		Absent	X		
	Coliforn Analysis: Date	6/23/00	Time135	e			

Oregon Nachi Division: The presence of collors bucheris indicates that shee disease reusing organisms may also be present in the water and it may be unsets to drive. MCLs taken from Oregon Administrative Rules for Public Water Systems 333-61-030.

APPROVED	Roy E Whit	DATE

54 HODE 120 0008 52 6mg

LBC NU: : 211 528 2581

tBLMI COIS : Widt

1 541 259 1229

97%

×66 50.9 241 528 3581 HOC-55-5000 12:28 WATER SYSTEMS പിവിങ 250 MARKET ST. 22257 LEBANON, OR 97355 929-2586 R.E. 8-22-00 451-3298 TO Snetsinger To Land mark Realty BAY WORK CONTRACT L' EXTRA Brownsville, Oc 2801 main 2t. 97370 Philomath DR dosing TERMS: PLEASE PAY FROM THIS INVOICE Other escrow- One. title "Prompt Service" by mid Scof. ong DESCRIPTION OF WORK MATERIAL MATERIAL PRICE flow test only 1 OTHER CHARGES Odometer Lv: Ar: Add. Mileage: 0 sample pd. Edwards asperate musice # 22256 To John L. & LOH- 406TOTAL OTHER LABOR HAT AMOUNT System Equipment: LV:830 Ar: Rt: 1:30 Well cased 310 deep 300 sat gal Service Call (Min) 198'static Add. Serviceperson Pump: 10E JI5412 Goulds 230 Boomtruck 34 Shop Charge Tank: WX251 35# P.C. 4060 cyde 50 250 00 **Capacity Test** 5 Overtime: Filter: -0 -ANT COMPLETED 8-22-00 TOTAL LABOR 250,00 TOTAL MATERIALS TOTAL MATERIALS Work ordered by Tom Snetsinger TOTAL OTHER Thank You Signature _____ A TAX TOTAL the satisfactory cumplesion of the shove described work 50.00 Bug. 22 2000 02:37PM P2

STAR WATER SYSTEMS Inc.

250 Market St., Lebanon, OR 97355 451-3298

"WELL FLOW TEST REPORT"

REPORT FOR:	TOM SNETSINGER % LANDMARK REALTY PHILOMATH, OR	TEST DATE: 8-22-00	
REQUESTED BY:	RHONDA ROMERO % LANDMARK REALTY	WELL SITE: DAVE EDWARDS 35289 WASHBURN HEIGHT BROWNSVILLE, OR	S

LOCATION OF WELL ON PROPERTY: RT SIDE OF DRIVEWAY UNDER WOODEN BOX

"COLLECTED DATA"

well type [DRILLED] casing size [6"] casing is [8] inches [ABOVE] ground well depth if known [310'] sanitary seal yes[X] no[] sanitary vent? [YES] type of pump: jet [] sub [X] H.P. [1.5] make [GOULDS] model [10EJ15412] was test pump part of permanent system? yes [X] no [] flow measuring equipment: ____ BUCKET & FLOW METER ______ water level measuring equipment: ____ ELECTRONIC PROBE _____

SAMPLE COLLECTED:	MICROBIAL	[X]	NITRATE [X]	GENERAL [X]
	OTHER	[]	DESCRIBE :	

"FLOW DATA"

TEST TIME	FLOW	GALLONS PUMPED	WATER LEVEL	BACK	COMMENTS
START9:15_ 15-MIN 30-MIN 45-MIN 1 HOUR 1-1/2 2 HOUR 2-1/2 3 HOUR 3-1/2 4 HOUR	12GPI	0 180 360 540 720 1080 1440 2160 2520 2880			CLEAR
TOTAL GALLONS	PUMPED:	_2880 R	ECOVERY AF	TER5	AIN TO_225FEET
THIS TEST DAT. PERFORMANCE O	A IS ACCURATE F THIS WELL A	FOR THE DATE	TAKEN. W	E MAKE NO CLI	AIMS AS TO THE

DATA COLLECTED BY JK STAR WATER SYSTEMS INC. CCB#51054

Hus. 22 2000 02:38PM P3

L622 652 105 : 241 528 3584

ABTAW PATE : MORA

Radon Test



Short-Term Radon Decay Product Measurement Report

Simultaneous Duplicate Radon Decay Product and Radon Measurements

This report provides the results of a short-term test to determine the average activity levels of radon decay products for the property referenced below. These results are based upon the data collected by the measurement professional who conducted this test and the conditions that existed in the building during the period the test was performed, as noted in the "Test and Building Details" section of this report.

The US EPA recommends that individuals not have long-term exposures to more than 0.02 working levels (WL) of radon decay products. The result of the radon decay product measurements have also been converted to an equivalent activity level of radon gas to allow a comparison to EPA's alternate guidance that individuals not have long-term exposures to more than 4.0 pCi/L of radon. The result of this short-term test is as follows:

	Test Results	
Property Tested:	35289 Washburne Heights Dr, Brownsville, OR 9	7327
	ay Product Activity: Radon Levels Based on this Measurement:*	0.013 WL 2.6 pCVL
Although some ris proper testing pro conditions change relatively low, it i	ions Based Upon Results of this Test: ks exist at exposures of less than 0.02WL, based cedures were followed, the US EPA does not rev significantly, retesting in the future may be advis s recommended that long-term tests (91 days to one xposures, due to variations that can occur from weather or se	commend follow-up action. Should building sable. Even when short-term results are year ~ without closed house conditions) be

* This determination of equivalency is based upon a 50 percent equilibrium factor between radon and its radon decay products as dictated in section 4.7 of the US EPA "Protocols for Radon and Radon Decay Product Measurements in Homes," EPA 402-R-92-003. The following equation is used in determining this equivalency:

Equiv Radon (pCi/L) = 100 x RDP(WL)/0.5

Test Description

The test performed in this building consisted of two simultaneously deployed radon progeny sampling units, NEHA device code: 8228 (the results of which are indicated as WL-A and WL-B, with the Reported Value being the average of the two measurements), and a radon gas measurement. The individual measurements obtained as well as the building conditions observed by the individual placing and retrieving the device are noted below.

	Test at	nd Building Details	
Test Start Date and Time:	7/31/2009 17:46 PM	Test Stop Date and Time:	8/ 2/2009 18:35 PM
Location of Test:	Basement	Forced Air System:	Auto
Closed House Conditions:	Yes	Air Filter System:	Yes
House Occupied:	Yes	Sq ft of Building:	0
Furniture in Home:	Yes	Mitigation System:	None
Test Type:	Pre-Mitigation	Actual Radon Measured:	4.2 pCi/L
Individual Detectors:	WL-A: 0.0119 WL WL-B: 0.0140 WL	Equilbrium Factor:	31%
		Notes:	11

Report Print Date: August 03, 2009

Test Number: 1157

Short-Term Radon Decay Product Measurement Report

Simultaneous Duplicate Radon Decay Product and Radon Measurements

For More Information: www.ProgenyGrp.com

Measurement Precision

In accordance with EPA protocols, duplicate radon decay product measurement devices were utilized, allowing for an results (difference between results/average of results). The RPD for this particular measurement and its interpretation are

16%

Relative Percent Difference of DuplicateMeasurements:

Relative Percent Difference should be below 67%. If greater than 67% the results can still be used since both results are less than 0.02 WL

Relevance of Radon Measurement

The health risk associated with the presence of radon is associated with the level of radon decay products rather than the radon gas that produces these decay products. That is why the recommendations contained within this report (and EPA epidemiological health studies linking radon to lung cancer risk) are based upon the lung dose causing radon decay products, rather than radon gas measurements. However, the amount of radon decay products in the breathing space can vary. The US EPA relates radon levels to radon decay product levels by assuming that 50% of the radon decay products page 1 of this report.

It should be noted that if the equivalent radon value (page 1) is different from the actual radon measured (Test Detail Section), this can be due to the operation of certain equipment such as forced air systems and air filters that often serve to reduce airborne radon decay products. If these devices are removed or not operated, (e.g., changing from forced air to base-board heating), the actual exposure could change and be closer to the risk suggested by the actual radon measurement. Although the radon measurement is not used in making specific recommendations for follow-up action, it (e.g., forced air heating systems or air filters) be removed or disabled.

Additional Information

Additional information regarding the specifics of this test are provided on page 1 of this report, including an assessment of the precision of this measurement, special conditions noted, and the results of a simultaneous radon gas measurement. All results reported are for the conditions that existed at the time the test was conducted. Additional information regarding the interpretation of these results can be found at the following websites:

Organization	Web Address	Information to the
Progeny Group, Ltd.	www.ProgenvGrp.com	Information Available Interpretation guidance, Technical bulletins
US EPA	www.epa.gov/iag/radon	EPA protocols and guidance documents
	A CONTRACTOR OF	Links to State Radon Programs

This report and the calculations contained herein have been prepared by Progeny Group, Ltd., based upon the analysis performed by the company listed below.

Measurement Device Analyzed By:

EcoTech 4548 N Albina Avenue, Portland, OR 97217

(503) 493-1040

info@ecotechllc.com

www.oregonradon.com

The calculations performed to arrive at the results in this report are based on formulas developed by R ad Elec. Inc and computed by Progeny Group, Ltd. They are also based on conditions that existed at the time of this test. Radon entry and radon decay product distribution can vary with weather and operating parameters of the building.

Interpretation of the health effects to exposure to radon and radon decay products a nd the desire to reduce exposure is an individual decision.

Well Log



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WATER WELL REPORT

STATE OF OREGON

AUG0 7 1980 WATER RESOURCES DEPT SALEM. OREGON

LINN 11624

and 133/200-18

State Permit No.

1) OWNER:	(10) LOCATION OF WELL:	1809
DAVID EDWARDS	County LINN Driller's well	sumber 1509
TCO HARDANY	4 4 Section 8 7. 135	R 2W WM.
LEBANON Bate OR 97355	Tax Lot # Lot 33 Bik	Bubdivision MELGA
to LCIDANON and	Address at well location;	
2) TYPE OF WORK (check):	Addition of the second	
	(11) WATER LEVEL: Completed w	elL
f ebendonment, describe material and procedure in item 12.	Depth at which water was first found 490	. n.
3) TYPE OF WELL: (4) PROPOSED USE (check):	Static level 250 IL below la	ad surface. Date 7-19-80
	Additional and the second seco	aguare Inch. Date
stary Air & Dehem D Damastic Of Industrial D Mazzidgel D tary Mail D . Dag D Infgation D . Twet Well D Other D		/ 4
able D Bored '2D Thermal , Withdravel D Reinjection D	(12) WELL LOG: Diameter of well below of	asing
	Depth-drilled 605 A Depth of o	n COO flow basiques
(5) CASING INSTALLED: Steel & Plastic D	Formation: Describe color, tenture, grain size and struc-	ture of materials; and show
1 20 200	thickness and nature of each stratum and aguifer penets	ated, with at least one entry
Martin Dian. Dom	for each change of formation. Report such change in pr and indicate principal water-bearing strata.	altion of Matic Water Laws
Diam. from	and mangate principal water-opering scale.	
LINER INSTALLED:	MATERIAL	From To SWL
	TORSON	01
"Diam. from	BROWN WEATHERED JANDSTONE	2 33
(6) PERFORATIONS: Perforated? - Yes WNo		33 490
Type of perforator used	RED & BLUE CINDERS	490 492
Size of perforations in. by in.	HEDE DUCE CINDERS	COLUMN TWO IS NOT THE OWNER.
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perforations from		000 530
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perforations from		540 550
(7) SCREENS: Well acress installed? D Yes B'No	BLUE CLANSTONE CONSG.	580 605
Manufacturer's Name	· · · · ·	
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and Attain the A		
Diam. Sict Sine Drawdown is amount water lavel is lowered		
(8) WELL TESTS: below static loval		
Was a pump test made? [] Yes [Pie If yes, by whom?		
Yield galdnin with ft drawdown after hrs.		
Airtust 3 gal/sain, with drill ptom at 505 ft. hrs.		
pol.tmin with ft. drawdown after hrs.		
Artestan flow >0 gp.m.		7-19 1080
Temperature of water 52° Depth artesian flow encounteredfl.	Work started 7-17 19 80 Completed	1-10 100
(9) CONSTRUCTION: Special standards: Yes D No C	Data well drilling machine moved off of well	7-19 1980
Well seal Meterial used CEMENT	Drilling Machine Operator's Certification:	
Well and all and	This well was constructed under my direct sup-	rvision. Materials used
Diameter of well bure to bottom of seal 10 in.	and information forgortad above of true of gy beat	knowledge and belief.
Diameter of well bare below seal	[Signed] (Culton Cycrater)	Date 7-28 1980
Number of secks of remont used in well and 12	Drilling Machine Operator's License No. 113	3
Number of mode a control placet PRESSURE GROUT	Drining marine of a	
Now and original from bacan. The second se	Water Well Contractor's Certification:	
	This well was drilled under my jurisdiction as	d this report is true to
Was pump installed? No. Type HP Depth	the best of JONES DRILLING CO, INC	
Was pump installed	Name Owner Value Settifistin Hwy.	(Type or price)
Was a drive shoe used! I Yes INo Plage NO Base location	AddressLetterport, OR 97355	
	E . Tuine	
A Pipe on the second	[Signed] Bell TUNE (Water Well Contractor)	
Method of sealing strata off	Contractor's Linense No. 514 Date 7-28	3 1980
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Was well gravel pecked? [] Yes UNa Size of gravel	and the second sec	
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Was well graver pockets? Li kiel S2 cm	WATTER RESOURCES DEPARTMENT, BALSIA, ORDOON STILD within 26 for hom the date of will completing,	

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Easement Documents



Voi 1129PAGE 142

No. 69722i

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US

EXHIBIT "A" Legal Description

Parcel 2, Partition Plat 1990-29, filed November 6, 1990 in the County of Linn and state of oregon.

and State WITH, an easement for roadway purposes, 30 feet in even width, as TOGETHER WITH, an easement for roadway purposes, 30 feet in even width, as created by instrument recorded July 5, 1988 in Volume 474, page 763, Microfilm Records of Linn County, Oregon, the centerline of which is described as follows:

Beginning at a point on the Northerly right-of-way line of Washburn Road, which is South 12°33' East 7.37 feet, South 67°59' East 54.51 feet and South 70°11' East 119.10 feet from the Southerly Southwest corner of the O.H. Collins Donation Land Claim No. 40 in Section 18, Township 13 South, Range 2 West of the Willamette Meridian, Linn County, Oregon; thence South 85°18'55" East 13.25 feet; thence South 77°38'12" East 169.46 feet; thence North 73°34'58" East 171.25 feet; thence South 75°16'53" East 244.47 feet ;thence North 70°6'25" East 124.29 feet; thence North 75°29'09* East 109.65 feet; thence North 34°21'20" East 63.64 feet; thence North 0°20'0" West 270.32 feet; thence North 7°42'23" West 57.00 feet; thence North 17°53'22" West 112.46 feet; thence North 39°56'59" East 60.29 feet; thence North 82°52'22" East 129.53 feet; thence North 65°48'42" East 72.73 feet to the North line of the property conveyed to Jeffrey B. Edwards and Stephanie Edwards by Bargain and Sale Deed recorded July 5, 1988 in Volume 474, Page 763, Microfilm Records of Linn County, Oregon, which is a point North 89°29'0" West 342.84 feet from the Northwest corner of Lot 36, Washburn Heights Subdivision.

STATE OF OREGON County of Linn	##0		61
I hereby certify that the attact was received and duty record by me in Lion County record STEVE DRUCKENMILLER Lion County Clerk		2000 SEP 27	A II: 06

Sent by: OREGON TITLE

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09/08/00 4:20PM; JetFax #992; Page 12/17

VOL 546 MG1287

GRANT OF EASEMENT

DAVID L. SDWARDS and CORALES EDWARDS, husband and wife, (Granter) conveys to KEVIN W. MORTENSON and ERIN E. MORT-ENSES, husband and wafe. (Grantee), a perpetual mon-exclusive 30 foot wide even width permanant access easement of which the contentine is more particularly described as follows:

beginning at a point that is correspondingly on the North line of Tax Lot 361 and the South line of Tax Lot 328 that is N 89*-21'17" W 621.99 feet from the Northwest corner of Lot 36. Washhum Heights Suburvision in Section 18. Township 13 South, hange 2 weat, Willamette Noridian, Linn County, Oregon: thence N 48*-11' E 105.1 feet; thence N 59*54' E 169.1 feet; thence N 48*-100.7 feet; thence N 74*16' & 62.1 feet; thence N 27*67' E 82.6 feet; thence N 75*00' E 115.1 feet to the terminum of said 10

the terms of this easement are:

Grantees may use the 30 foot wide permanent access ensement strip for road surposes only for access to the property described in Paragraph 2 below.

 This easement is appurtenant to the following described property:

Regioning at a point that is S 0*25' W 319.44 feet from the North Quarter Corner Of Section 18, Township 13 South, Range 2 Vest. Willamette Meridian, Linn County, Oregon; thence S 0*14' 46' V 660.00 feet to a point; thence S 89'41'35' W 330.00 feet th a point; thence N 0*14'46' E 660.00 feet to a point; thence N 89'41'41' + 330.00 feet to the point of beginning.

A) by their delivery and by their acceptance of delivery of the instrument respectively, the Grantees agree to accept the responsibility of reasonable maintenance and upkeep of any sondthe other party hardless from and signing to hold the other party hardless from and signing claims of loss or dumage attributable to the indepnifying party's use of the easement.

This essement shall be for the joint use of Grantor and Grantees, the successors, grantees and assigns of each. This essement as described shall be subject to all applicable Land Use Laws and Regulations.

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Geotechnical Reports



GEOTECHNICAL ASSESSMENT REPORT

Terra Firma Geotechnical

26910 Fern Ridge Road Sweet Home, OR 97386

lie	nt/Project: Christina Herrmann and Tom S	Snets	singer CO PRATA
ob	Address: 35289 Washburn Heights Driv	e, Br	ownsville CERED IN DEC
ate	e:9/19/00		2 4 15,983 P
Pu	rpose of Assessment:	2.5	ating G. Chlm.
Pr	e-purchase assessment of single-family resident	tial pr	operty. QREGON
			14 21 19
			GRAVERIBE
			EXPIRES 12/31/200
x	Observations:		CAFINED TE / OT / ECO
х	Ground Cracks SHRINKAGE; POSSIBLE SLOPE		Structural Distress
	Scarps	x	Pavement Distress CARPORT SLAB TILTED, CRACKED
	Settlement	x	Crawlspace Moisture APPARENT PAST BASEMENT FLOODING
	Erosion	x	Drainage POSSIBLE GUTTER AT EAST END OF HOUSE
x	Slope STEEP	x	Groundwater PROBABLE SEASONAL SEEPAGE & RUNOFF
No	ites		
Th	e property is a rural acreage with a single-family	resid	dence built in 1988. The house is a wood-frame, two story
str	ucture founded on a daylight basement. The pro-	opert	y is located on the north side of Washburn Heights Drive
be	tween Brownsville and Lebanon. The property is	s stee	eply sloping. Terra Firma Geotechnical, herein referred to as
Te	rra Firma, was requested to visit the site and ob	serve	the house and the property immediately surrounding the
to	assess the conditions with house particular resp	ect to	o slope stability. The scope of work was limited to a visual
as	sessment of the surface conditions, including to	pogra	aphy, vegetation, soil type, and structural characteristics of fhe
ho	use, with a written report of the observations, co	nclus	sions and recommendations. This work was authorized by
-		-	nber 6, 2000, in the presence of Tom Snetsinger and Christina
-	errmann. For the purposes of this report, the fro		
-			
To	pography. The house is located in the southea	ast co	orner of the property, on a graded building pad. Fill up to 8 feet
_			se to create a more or less level yard. The fill is sloped about
			izontal run to vertical rise). A lesser thickness of fill
-			use to support the carport slab. The property slopes down at
_	oderately steep to very steep angles generally to		
	and Rock. The property is located on the nor	rth fla	ank of Washburn Butte. The slopes of Washburn Butte are
30			
-	apped as a volcanic ash and tuff deposit known	as th	e chile butte romation (Oregon Department of Geology and
m			
ma Mi	neral Industries (DOGAMI), 1974; Bulletin 84: I	Envir	onmental Geology of Western Linn County, Oregon, Brownsville
mi Mi qu	neral Industries (DOGAMI), 1974; Bulletin 84: I adrangle). The top of the butte is mapped as in	Envin trusiv	onmental Geology of Western Linn County, Oregon, Brownsville ve volcanic basalt. Landslide terrain is mapped in the vicinity of failure was observed in the steepest draws west of the site.

CONTINUED

Miriam G. Liberatore, P.E.

GEOTECHNICAL ASSESSMENT REPORT CONTINUATION SHEET

Terra Firma Geotechnical

26910 Fern Ridge Road

Sweet Home, OR 97386

Client/F	Project:	Christina Herrmann and Tom Snetsinger / 35289 Washburn Heights Drive, Brownsvi	lle	
Date:	9/19/00			2 of 3

east end of the house and in the wooded area northeast of the house. Cracks were also observed near the east property boundary in an old skid road northeast of the house. These may also have been shrinkage cracks, but their orientation across the slope could be suggestive of shallow tension cracks. If so, a shallow slump could be developing at this location. Exposures of bedrock were not observed. Active erosion was not observed. A narrow and shallow channel was observed along the east side of the house. The channel apparently either developed or was manually dug to drain runoff. Runoff may tend to accumulate on this side of the house because the ground slopes up from this side. However, it may also be that the roof configuration and condition of the gutters and downspout subdrains combined to concentrate stormwater on this side of the house. Routine maintenance and the addition of a subsurface drain on the east side of the house can correct this condition.

Structural Observations. The foundation exterior appeared in very good condition, without cracks. The carport slab is cracked, though not in excess of the type of cracking normally seen in carports of this age. The north side of the slab tilts down toward the house, indicating possible settlement in the soil beneath the slab. There is no indication in the structure that the tilting is due to lateral movement that might be associated with slope movement.

A wood deck on the west side of the house shows pronounced settlement at both ends relative to its center. The displacement is not reflected anywhere in the main structure. The displacement is probably sag due to structural factors, not soil-related factors. One of the two glass doors from the living room to the deck was difficult to open because it was sticking in its frame, and the kitchen window in the north wall appears out of square. Sticking or out-of-square doors and windows can indicate foundation displacement. However, in this case, the lack of consistency and the absence of other indicators suggest that these may be due to structural or construction factors unrelated to soil factors.

Mud tracks in the basement level suggest past flooding occurred in the room north of and below the carport. Water and soil apparently entered the room from the top of the south wall. On the outside, it appears that a strip of siding had been removed and replaced at this location. The east-facing basement walls appear to have transmitted light seepage in the past through narrow cracks or segregations in the concrete. These observations are consistent with the earlier observation that the soil on the east side of the house tends to become very wet, at least seasonally.

Conclusions and Recommendations

Based on the observations described above, it appears that the house is in generally good condition with respect to soil bearing and slope stability issues. There is no indication in the house that excessive settlement or lateral displacement has occurred since its construction.

Slope Stability. A tendency for slope failures was observed in the vicinity. The building area appears stable. Based

CONTINUED

Miriam G. Liberatore, P.E.

GEOTECHNICAL ASSESSMENT REPORT CONTINUATION SHEET

Terra Firma Geotechnical

26910 Fern Ridge Road

Sweet Home, OR 97386

Client/Project: Christina Herrmann and Tom Snetsinger / 35289 Washburn Heights Drive, Brownsville Date: 9/19/00

Page: 3 of 3

on the geologic materials, topography, and observed cracks Terra Firma concludes there is a moderate probability of a shallow slump or other type of localized slope failure occurring somewhere on the property over the long term. The probability that a future slope failure would threaten the house is low.

Stability factors are affected by land use. Changes in the land use above or below this property could increase the risk of a slope failure. A property below this one was recently logged, and it is not known whether or how the subject property might be affected. The owners should remain aware of the surrounding land uses, and should become familiar with the normal soil and moisture conditions on this property so that any changes may be detected early.

Drainage. Drainage improvements are warranted at the east end of the house. The gutters and downspout subdrains should be checked for proper slope direction and clear operation. The gutters can be checked by running a garden hose into each segment of gutter and observing the direction and rate of flow. The subdrains should be cleaned by a professional drain cleaning contractor (Roto-rooter® or similar) to ensure their clear flow. The runoff patterns can be observed for a winter or two. If the rain drain system is operating properly and excessive moisture still develops on the east side of the house, a subdrain can be constructed to collect runoff and groundwater. A subsurface drain generally consists of a trench 12 inches wide at the base, excavated to the basement floor elevation, sloped at least 2 percent to drain by gravity toward the north. A perforated, four-inch diameter pipe would be placed in the bottom of the trench, bedded on clean drain rock. The trench would be backfilled to the ground surface with the drain rock to permit surface runoff to be collected as well as seepage. From the north end of the house, a solid (i.e., not perforated) pipe would carry the drainage until it can be daylighted onto the slope north of the house. Terra Firma is available to assist in the details of the drain design and construction on request, under a separate work order.

Carport Slab. The carport slab cracking is not in itself a matter of concern. The tilting is indicative of settlement. erosion, or both. Based on the observations that flooding occurred at least once in the past, and of excessive moisture at the east end of the house, it is concluded that the tilting is related to excess moisture and possibly to the soil loss evidenced by the mud tracks in the basement. It is not likely that this represents a recurring or ongoing problem. Visual monitoring of the condition is warranted. If the tilting or cracking worsen over time, or if water is observed emerging from the cracks, Terra Firma or another geotechical professional should be consulted.

This completes the assessment of the subject property. This assessment was conducted for the exclusive use of Christina Herrmann and Tom Snetsinger and their agents for specific application to the subject property and within the authorized scope of work. Please contact the undersigned if you have questions regarding the contents of this report or if further information is required, or if changes in the soil and moisture conditions of the property develop, such as as new or widening ground cracks, pressurized springs, slumps or bulges in the ground surface, or if cracks, sloping floors, or sticking doors or windows develop in the house itself.

Mriam G. Liberatore, P.E.

OGD Consulting, PC. Serving Oregon Geotechnical Design & Consulting Needs

Thomas Snetsinger P.O. Box 306 Brownsville, Oregon 97327

July 10, 2008

Re: 35289 Washburn Heights Drive Brownsville, Oregon

Subject: Geotechnical Evaluation of Septic Tank Replacement <u>Project No. 056-08-01</u>

Dear Mr. Snetsinger:

At your request, we have visited the above referenced site to observe surface features and provide consultation regarding replacement of an existing septic tank and potential slope stability issues associated with the proposed work. OGD Consulting, PC (OGD) made a site visit and prepared this summary letter based on your verbal authorization.

SITE OBSERVATIONS

We visited the site on July 8, 2008 to observe surface conditions. The lot is located on moderately to steeply sloping terrain north of Brownsville. The septic tank is located at the edge of a relatively level area immediately downslope of the house, near the edge of a much steeper slope. It appears that the original site development included placement of fill from the foundation excavation in the tank area. Access to the area is limited due to the sloping terrain.

The house includes a daylight basement. At the time of our site visit we observed the basement slab, which includes some cracking and faulting. Observed cracking suggests that differential slab movements of $\pm \frac{1}{4}$ inch have occurred. We also noted some settlement/rotation of a deck pier on the downslope side of the structure.

DISCUSSION AND CONCLUSIONS

The site is located within an area mapped as mass movement topography in the Linn County geologic hazard maps (Environmental Geology of Western Linn County, Oregon Department of Geology and Mineral Industries Bulletin 84). The geologic data referenced above in conjunction with the observed surface features and distress to the basement slab suggests that the parcel has a high slope stability risk. We did not observe any fresh tension cracks or significant distortion on the slope. Therefore, we July 10, 2008 Page 2 of 2

expect that slope movement at the site is limited to 'slope creep' (<1 inch/year). Slope creep can result in significant distortion and structural damage to residential structures over the life of the structure. In addition, minor changes in site grading and/or groundwater conditions can result in increased rates of slope movement. Therefore, we believe that placement of additional fill material downslope of the existing residence should be avoided. We understand that replacement of the tank will require excavation work on the slope. We recommend that the final grades after replacement of the tank remain close to existing grades and that the bulk of any excess fill material generated be exported from the site.

We trust this information meets your current needs. Please call if you have any questions or need additional assistance.

Sincerely,

OGD Consulting, PC.

By:

Mel McCracken, P.E., President