Heritage Dunes Subdivision

Original Tax Lot

6 10 3BD 3300

Original documents in file 6 10 3BD 3300

Now Tax Lots 6 10 3BD 3307 Lot 1

6 10 3BD 3306 Lot 2

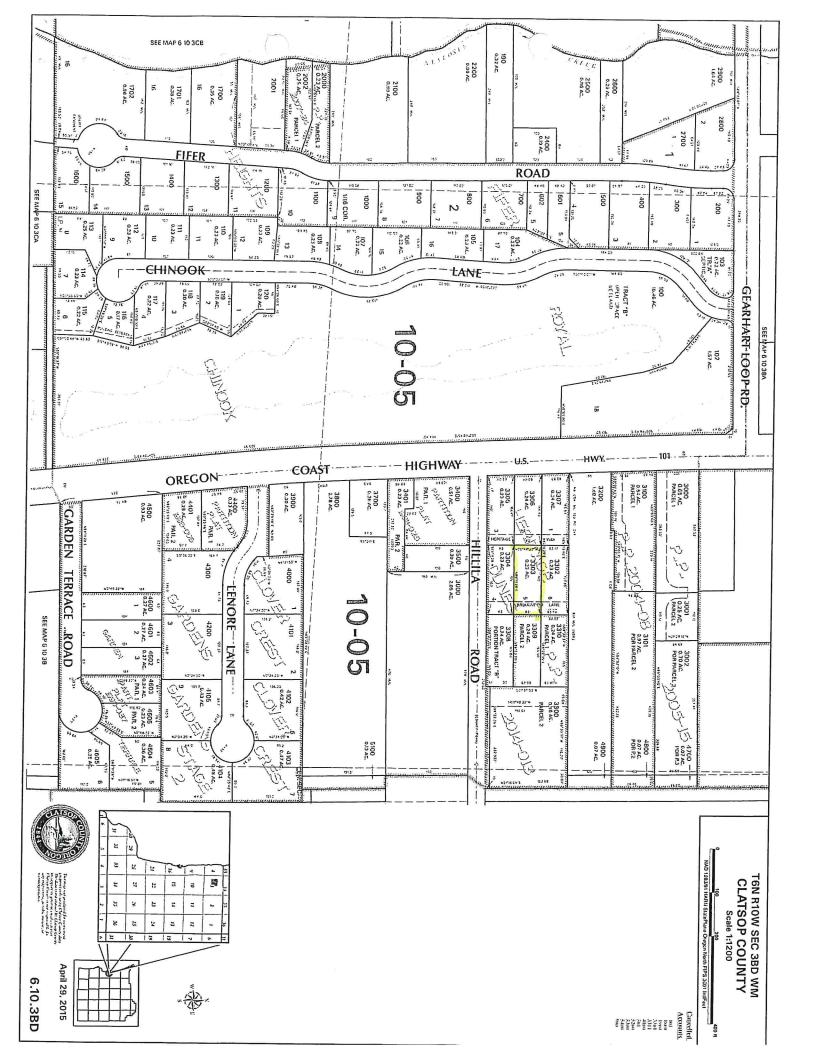
6 10 3BD 3305 Lot 3

6 10 3BD 3304 Lot 4

6 10 3BD 3303 Lot 5

6 10 3BD 3302 Lot 6

Notes to file 5/13/2015 Pat Getchell





State of Oregon

Department of Environmental Quality

Onsite Permit ID: OS411797

Certificate of Satisfactory Completion

Installation of this onsite wastewater treatment system has been determined to comply with the applicable requirements in Oregon Administrative Rules Chapter 340, Divisions 071 and 073 and the conditions of Permit OS411797 as follows:

PROPERTY INFORMATION

Property Owner: Romine Construction LLC; Ray

Township 06N, Range 10W, Section 03 BD

Romine

Property Location:4141 Hwy. 101 N., Gearhart

Tax Lot 3300

Facility Type:

Single Family Dwelling

Clatsop County

3 Bedrooms

SPECIFICATIONS AND REQUIREMENTS

System type: Sand Filter: Bottomless - Residential

Design Flow:

450 gals/day

Minimum Septic Tank Size: 1500 gals

DistributionType:

Pressurized

Sand Filter:

360 SqFt

Media Type:

Rock and Pipe

Maximum Trench Depth:

36 inches

Minimum Trench Depth:

0 inches

ADDITIONAL CONDITIONS

- 1 The owner is responsible for the operation and maintenance of the sand filter system.
- 2 This onsite wastewater treatment system must be connected to the facility referenced herein within 5 years of the issuance of this Certificate of Satisfactory Completion (CSC) or rules for authorization notices, alteration permits, or construction-installation permits as outlined in OAR 340-071-0160, 340-071-0205, or 340-071-0210 apply, including payment of an additional fee.
- 3 This system must operate in compliance with OAR Chapter 340, Division 071 and must not create a public health hazard or pollute public waters.
- 4 Unless otherwise required by the agent, the system installer must backfill (cover) this system within 10 days after the issuance of this Certificate of Satisfactory Completion.
- 5 In accordance with Oregon Revised Statute 454.665, this Certificate of Satisfactory Completion is issued as evidence of satisfactory completion of an onsite wastewater treatment system at the location identified above.
- 6 Issuance of this Certificate does not constitute a warranty or guarantee that this onsite wastewater treatment system will function indefinitely without failure. Conditions imposed as permit requirements continue for the life of the system.

7 The area of the initial and the identified replacement area must not be subjected to activity that is likely to adversely affect the soil or the functioning of the system. Such activities may include, but are not limited to, vehicular traffic, livestock, covering the area with asphalt or concrete, filling, cutting, or other soil modification activities.

SYSTEM INSPECTIONS AND COMPLETION DATES

Pre-Cover Inspection Waived by Bernie Duffy on 11/27/2012

Installer Name: Hartman Construction Co. Certificate Issued by Operation of Law.

To be valid, this document must be signed by an "Agent" as defined in OAR 340-071-0100.

Bernie () uf	Onsite Wastewater Specialist	11/30/2012
Authorized Agent: //)	Title	Date CSC Issued
Bernie Duffy		

Department of Environmental Quality Northwest Region - Warrenton Office 65 N Highway 101, Suite G

Warrenton, OR 97146 Phone: (503) 861-3280 Fax: (503) 861-3259

SCHIELE Vicky

From:

DUFFY Bernie

Sent:

Tuesday, November 27, 2012 8:20 AM

To:

SCHIELE Vicky

Subject:

RE: Romine, app 413328

Vicky,

Ask Dean to provide the provide the following information and then I will issue the CSC.

- 1. Show on As Built pressure line location and manifold layout in the sand filter.
- 2. Is there a sieve analysis for the sand and underdrain media on file or did he provide before started construction?
- 3. Provide measured squirt height.

Thanks,

Bernie

Did you receive a minor repair application from Dean?

From: SCHIELE Vicky

Sent: Tuesday, November 20, 2012 3:31 PM

To: DUFFY Bernie

Subject: Romine, app 413328

Bernie,

Another final.

This one from Dean Hartman.

Vicky

Vicky Schiele Oregon Department of Environmental Quality North Coast Branch Office 503-861-3280 / fax 503-861-3259 schiele.vicky@deq.state.or.us



Scappose Sand & Gravel Co. \ 33485 E. Crown Zellerbach Road • P.O. Box AF • Scappoose, Oregon 97056 Phone (503)543-8821 • Fax (503) 542-7997

UNDERDRAIN MEDIA / SIEVE ANALYSIS

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Township 06N, Range 10W, Section 03 BD

Clatsop County TaxLot#: Tax Lot 3300

VIRONMENTAL QUALITY

Final Inspection Request and Notice - Onsite ID: 411797

Pursuant to the requirements within ORS 454.665, OAR 340-071-0170 and OAR 340-071-0175, the system installer and/or the permittee must notify the Department of Environmental Quality (or its authorized Agent) when the construction, alteration or repair of a system for which a permit was issued is completed and prior to backfilling or covering the installation. The Department (or Agent) has 7 days to perform an inspection of the completed construction/installation following the official notice date, unless the Department (or Agent) elects to waive the inspection and authorizes the system to be backfilled. Receipt and acceptance of this completed form by the Department (or Agent) establishes the official notice date of your request for the pre-cover inspection. Faxed copies are acceptable for inspection request purposes only. Originals must be received before a Certificate of Satisfactory Completion is issued. Please complete sections 1 through 4 on the form and return it to the office that issued the permit. Forms that are determined to be incomplete will be returned.

SECTION 1: Owner/Permittee Information:

Property 4141 Hwy 101 N. Gearhart

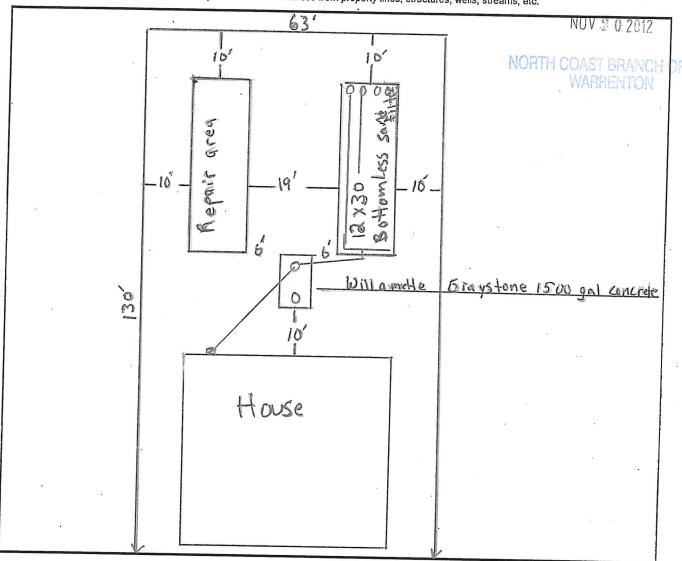
Name: Romine Construction LLC; Ray Romine

Address:	,,					*
SECTION 2: System	m Component S	pecifications:				
A. Tanks/Pumps	Sys	tem Type: Sai	nd Filter: Bottor	nless -	- Residential	Water tight verification*
Tanks(1) Volume:	1500 gal Compartments: 2 Manufacturer: Will amothe Gray Stone Date:					na Date: 1-15-1
Tanks(2) Volume:	Compartments: Manufacturer:					Date:
Pump(s) HP:	P: 1/2 Model/Manuf. Franklin - Float(s) Type(1): A Model/Manuf. Ofence					
	PF3	00511	Float(s)Type(2)): A	Model/Manuf. Orch(0	
B. Piping		Squirt he	eight b'			***************************************
Effluent Sewer (tank to drainfield)		liameter: 1'14"	ASTM#	Other: Sch 40 PVC	Length: 16
Pressu	re Transport Pipe	res No D	lameter:	ASTM#		Length:
C. Secondary Treatment	Unit:					
Sand Filter**	Yes No	Type: Bottom	less Sandfilt	-er	Container Dimension	s: 12×30
Underdrain pipe	Diameter: N/A	ASTM#/Other:			-, <u>-</u>	Length:
Manifold piping	Diameter: 314	ASTM#/Other:	sch 40 PVC		*	Length:: 2 8'
Internal Pump	HP: 1/2	Model/Manufactu	rer			
Floats(1)	Туре:	Model/Manufactu	rer			
Floats(2)	Туре:	Model/Manufactu	rer			
ATT	Yes INo	Model:				
	Provider Name:		•			
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	(Gravei, Pipe or alter	hallver) Fee-	gravel - Dra	in R	ock - Deg sand	
Distribution Box	Yes No					
Drop Box		lameter:	ASTM#/Other:			Length:
Distribution Pipe			TO SHOW BY ASSESSED BY ASSESSE			Length.
Comment	4" ABS F	rom house	to tank			

*All Tanks(s) were tested for water-tightness after installation and passed in accordance with OAR 340-073-0025(3)

**Allach sieve analysis for Underdrain Media and Filter Sand

AS-BUILT PLAN OF THE CONSTRUCTED SYSTEM. Indicate the direction of NORTH. Show locations of all wells within 200 feet of the system. Show system setback distances from property lines, structures, wells, streams, etc.



SECTION 4 - Construction was performed by (Signature Required)

I certify that the Information provided on both pages of this document is correct and that the construction of this system was in accordance with the permit and the rules regulating the construction of onsite wastewater treatment systems (OAR Chapter 340, Divisions 71 and 73).

Owner/Permittee or Certified Installer w/Certification#: Print Nan	ne: o
Country Permittee or Certified Installer w/Certification#: Print Nan Licensed Installer: Yes No License#: 2022	
58331	Certification#: R 1 - 321
Owner/ Certified Installer: Signature: Dea Hotel	Date: Phone#: 503 470 2012
SECTION 5 - Office Use Only:	
Notice Accepted Yes No Date:	Installer/Owner (Permittee) Yes No Date:
	Notified:
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FIELD WORK SHEET FOR AGGREGATE

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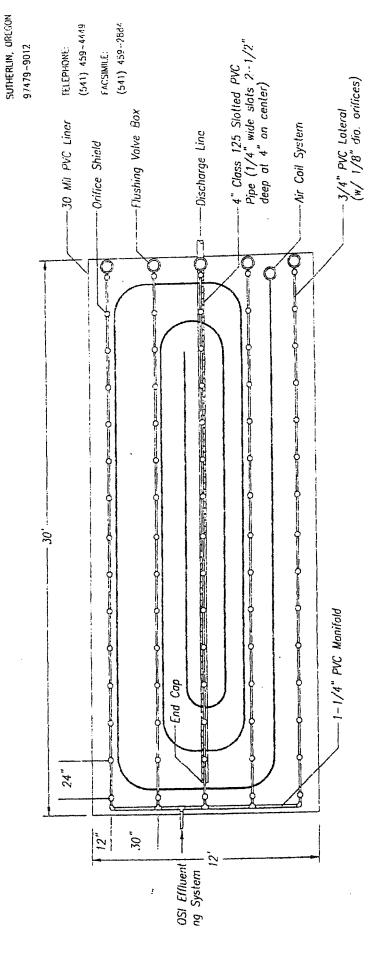
REVIEWED BY CONTRACTOR

REVIEWED BY PROJECT MANAGER

814 AIRWAY AVENUE

30' Intermittent Sand Filter* with Gravity Discharge

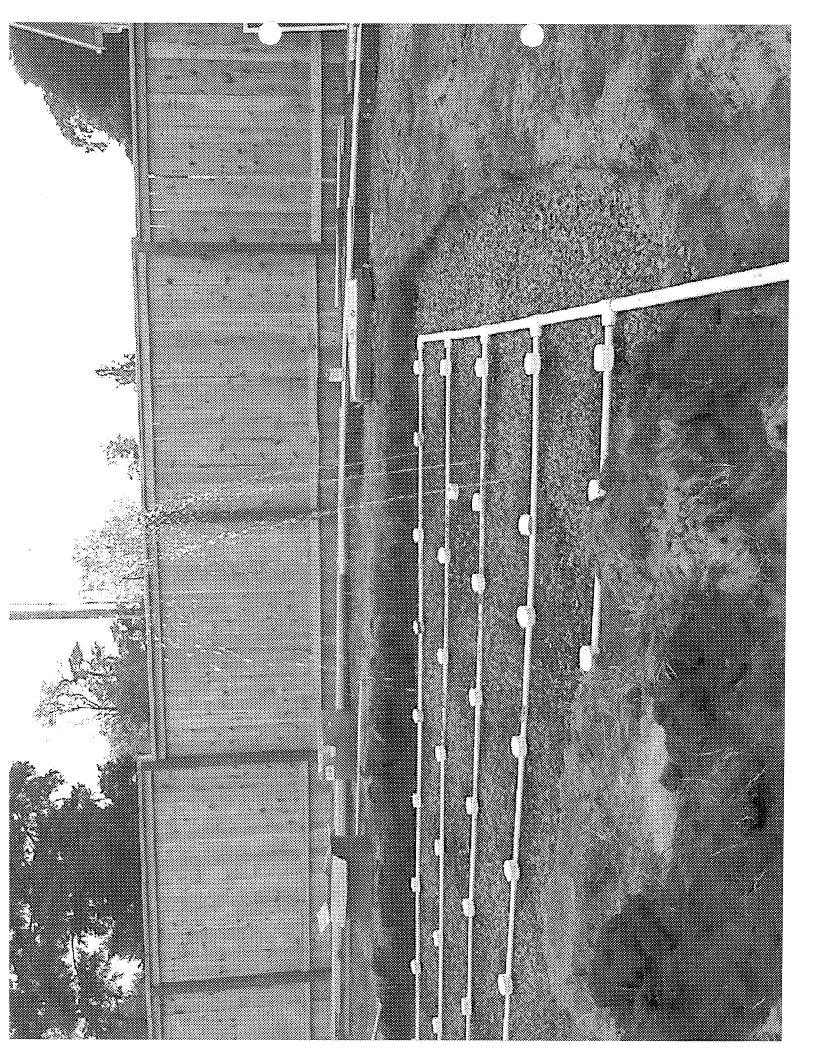
red for loading rates up to 1.25 GPD/FT.² Follow appropriate intermittent sand filter design criteria.

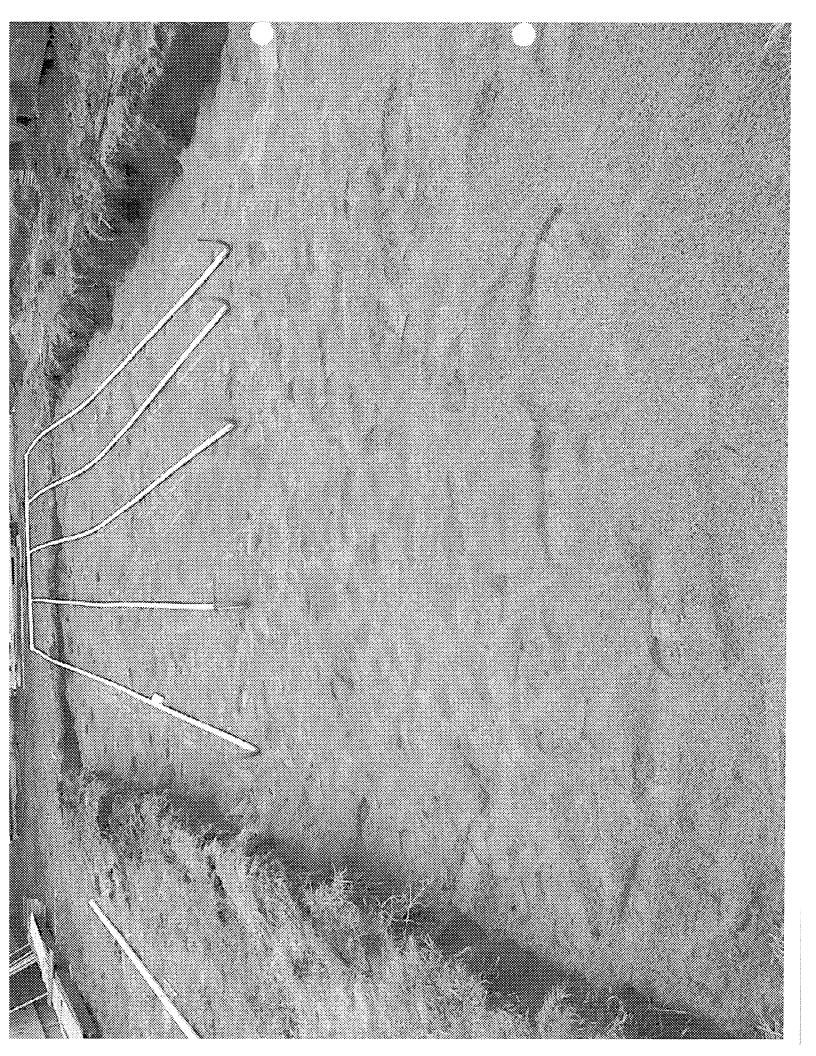


TOP VIEW - 12'X30' GRAVITY DISCHARGE SAND FILTER SCALE: 1'-5'-0'

Note: See additional details on EDW-ISF-S-3

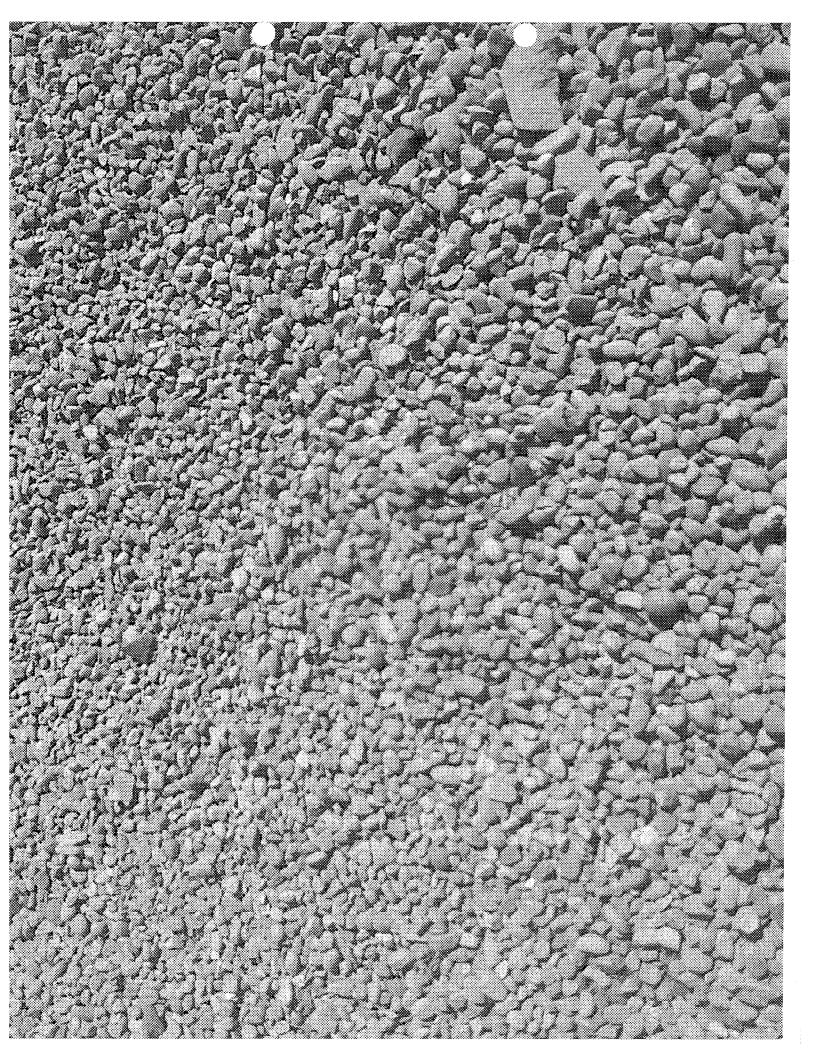


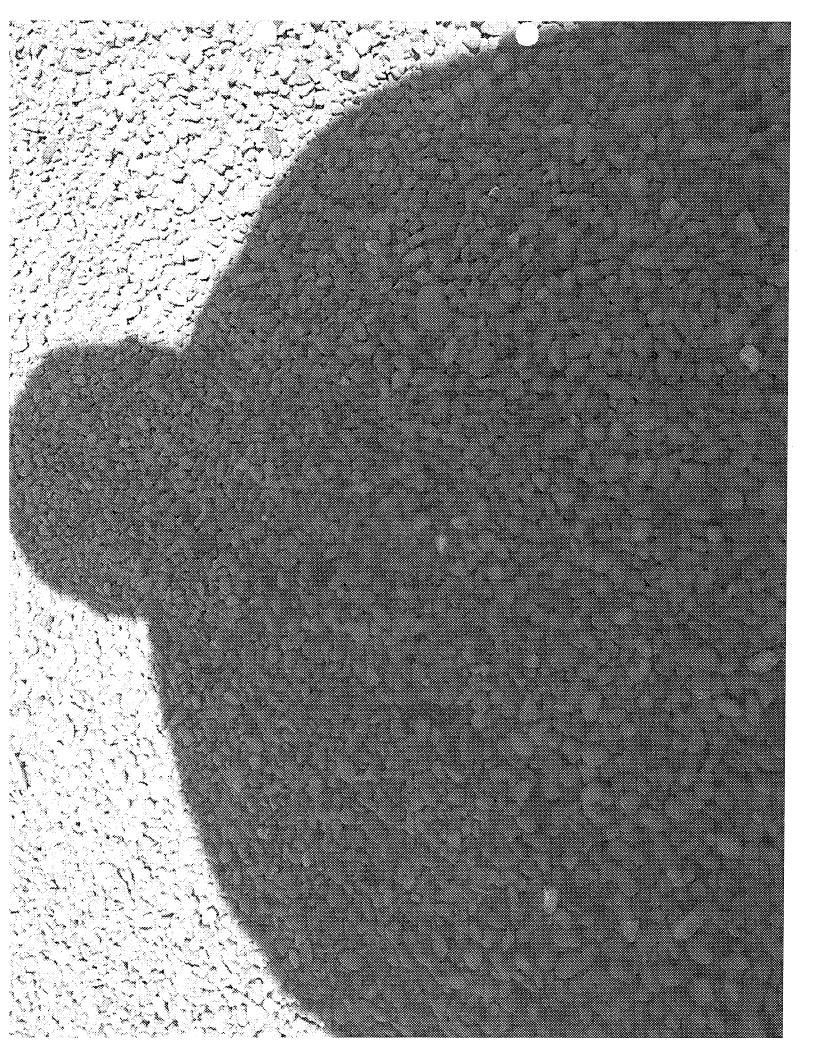




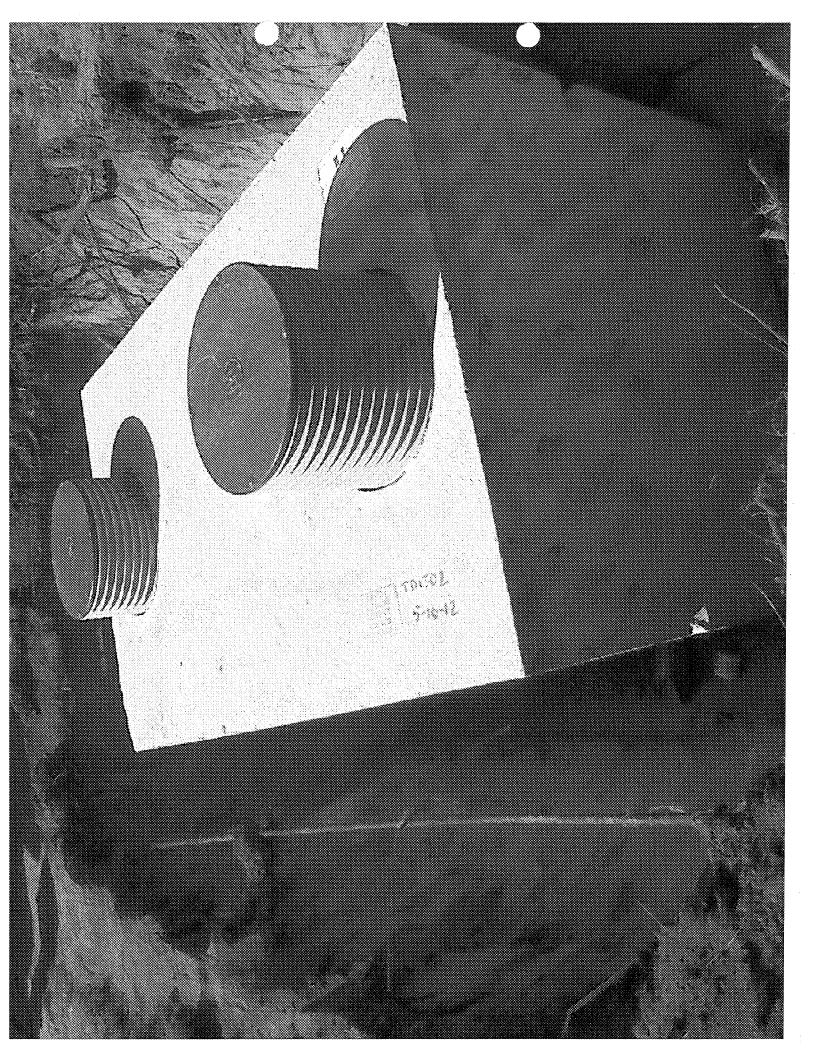














State of Oregon

Department of Environmental Quality

Onsite ID: OS411797 Expiration Date: 6/15/2013

Construction-Installation Permit

This Construction-Installation Permit OS411797 authorizes the property owner to construct an onsite wastewater system as follows:

PROPERTY INFORMATION

Property Owner: Romine Construction LLC; Ray Romine Clatsop County

Property Location 4141 Hwy. 101 N., Gearhart Township 06N, Range 10W, Section 03 BD

Facility Type: Single Family Dwelling Tax Lot 3300

3 Bedrooms

SPECIFICATIONS AND REQUIREMENTS

System Type: Sand Filter: Bottomless - Residential

Design Flow: 450 gals/day

Minimum Septic Tank Size: 1500 gals

DistributionType: Pressurized

Sand Filter: 360 SqFt

Media Type: Rock and Pipe

Maximum Trench Depth: 36 inches

Minimum Trench Depth: 0 inches

ADDITIONAL CONDITIONS

- ¹ Green tracer wire required.
- ² Maintain 5 ft setback tank to sand filter.
- ³ Submit current sieve analysis for sand filter media and underdrain media prior to construction of the sand filter.
- ⁴ The alarm and pump must be on separate circuits in the control panel.
- ⁵ The system must be installed by the property owner or a licensed sewage disposal business (installer).
- ⁶ The system must be installed in accordance with the plan approved by the agent, including any changes made by the agent.
- ⁷ Vehicular traffic and livestock must be restricted from the system area
- 8 Meet all required setbacks.
- ⁹ An electrical permit and inspection from the Department of Consumer and Business Services, Building Codes Division or the municipality with jurisdiction is required for all pump wiring installation.
- ¹⁰ All work is to conform to Oregon Administrative Rules, Chapter 340, Divisions 071 and 073. Make no changes in system location or specifications without written approval from the permit issuing agent.

JUN 1 5 2012

INSPECTION REQUIREMENTS

- 1 A final inspection is required after landscaping or other erosion control measures are established.
- ² A final inspection request and notice form including a detailed and accurate as-built plan of the constructed system and a list of all materials used in the construction of the system must be completed and submitted prior to requesting a final inspection.
- ³ A squirt test inspection of the pressurized piping system is required.

For pre-cover inspection information, contact your agent below:

Onsite Wastewater Specialist

6/15/2012

6/15/2013

Title

Date Issued

Expiration Date

Bernie Duffy

Department of Environmental Quality Northwest Region, Warrenton Office 65 N Highway 101, Suite G Warrenton, OR 97146

Phone: (503) 861-3280 Fax: (503) 861-3259

See the Attachment 1 for additional information about your permit.

Hartman Construction Co. Material list Ray Romine-Heritage 10+#5

dosing/septic W/Risers
To be installed according to approved plan of permit # 05 41/797 Bernit D. 6/15/12 Bernit J. Duffy Date Natural Resource Specialist Department of Environmental Quality
•
DEPT, OF ENVIRONMENTAL CAVALITY RECEIVED
JUN 1 1 2012

NORTH COAST BRANCH OFFICE WARRENTON

 $\leftarrow \nearrow$

JUN 15 2012

Septic TRACER WIRE REQUIRED **(5'0')** Pump Franklin 30 Gal per min Lot 5 House State of Oregon Dept. of Environmental Quality Eastern Region - Pendieton

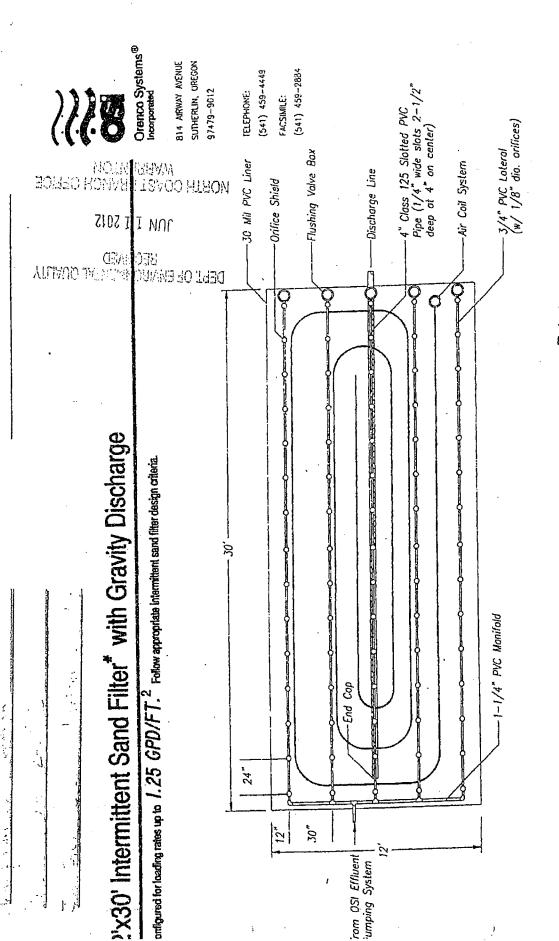
To be installed according to approved plan of permit # 05 42/797

Bernie J. Duffy ((15/12

Natural Resource Specialist
Department of Environmental Quality

5' Setback respired father father

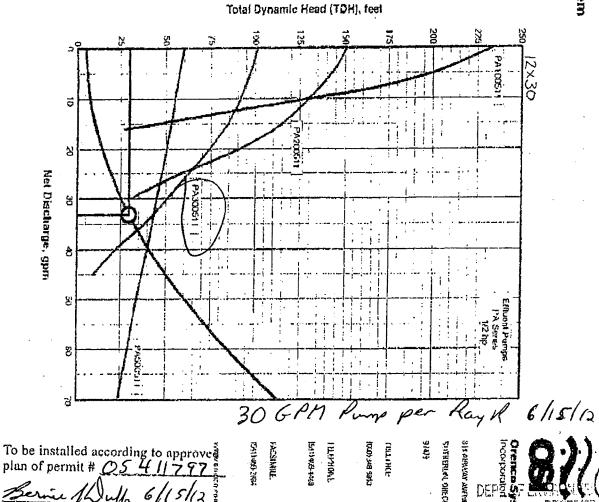
HIIIII Rd



TOP VIEW - 12'X30' GRAVITY DISCHARGE SAND FILTER

Patent # 5,360,556

Input Parameters ... Calculations % Flow Differential 1st and Last Online Minkanin Flor Rate per Orlice Transport Pipe Class/Schedule Manifeld Pipe Class/Schedule Residual Head at Last Orfice Residual Nead at Last Orifice Number of Unices per Zone Cataral Pipo Class/Solvadule Number of Laterals per Call Number of Lines per Zona Deschauge Assembly Size Distributing Valve Mudel Add-out Friction Losses Total Actual Flow Rate Transport Line Size Mentold Line Size framsport Length Laforal Line Size Manifold Length Childe Specing Lift to Manifold Lift to Manufold . alerai Length Size Size Flow Mater Name inches 0.43 1.26 33.1 Spm 20.# feet TREE! teet 7 mches (gpen 100 laches in thes inches inches E. 3 1386



plan of permit # Date

Head Loss Through Dichibuting Valve

Head Loss in Laterals

tead Loss Through Flow Mater

Add-wi Friction Lasses

Total Flow Rate

23.6 33.1 gpm Head Loss Through Discharge

9 Ĩ

Head Less in Transport Pipe

Head Loss in Manifold

lae)

,EFC 8

Natural Resource Specialist Department of Environmental Quality

STREETH YOURSED BE STATHERIAL OFFICEN

JUN 1 1 2012

6"-12" Sand cover Z4" D.C. 9 36" M4 36 "Max depth

> To be installed according to approved plan of permit # 05411797 Bernie J. Buffy

Natural Resource Specialist

Department of Environmental Quality

DEPT, OF EMPRICACIONAL OUALÎTY RECEIVED

JUN 1 1 2012

NORTH COAST BRANCS FOR FICE WARRENTON



State of Oregon Department of Environmental Quality

Application for Lisite Sewage Treatment System

Department of Environmental Quality 65 N Highway 101, Suite G Warrenton, OR 97146

> Phone/TTY: (503) 861-3280 Fax: (503) 861-3259

	/ \	
e	Date Stamp://RONMENTAL QUALIT	For DEQ Use Only:
اسال	RECEIVED	Date Received 10/11/2012
	HECEIVED	Date Received 10/11/2012 Fee Paid 1580:
		Receipt Number 149719
y	JUN 1 1 2012	Application Number 413328
	, 00., 2.20.2	Date of 1st Response
	The second second	Date of 2nd Response
NO	RTH COAST BRANCH OFFIC	Date of Final Response
	WARRENTON	Date of Completion
		Scanned Data Entry

	A. Property Ov	ner Information	16.00 (19.00) 1.00 (19.00) 1.00 (19.00) 1.00 (19.00) 1.00 (19.00) 1.00 (19.00) 1.00 (19.00) 1.00 (19.00
Kny Komine	A17() SKyline Mailing Address (Street on PO Box, O	city, State, Zip Code)	503-440-9561 Phone Number
	B. Legal Prop	erty Description	
Township Range	3BD 33C Section Tax Lot	Tax Account Number	Acreage or Lot Size
County	Subdivision Name	Lot	Block
Property Address: South	101 to Hillila F	Left on Heritage City Coear2hart Of	2 State Zip Code
Directions to Property:	*		
to American Control of the Control o	Existing Facility / Propos	ed Facility / Water Information	
Existing Facility:	Proposed Facility:	Water Sup	
Single Family Residence	Single Family F		Gearhort
	3		Name
Number of Bedrooms	Number of Bedroom	Private	Well, Spring, Shared
Other	☐ Other		wen, apring, anatou
	D. Type o	f Application	
Site Evaluation Construction Permit Repair Permit Major Minor Alteration Permit Major Minor	Renewal Permit Existing System Evaluation Permit Transfer Permit Reinstatement	Authorization Notice for Connecting to an Existing S Replacing a Mobile Home of House The Addition of One or Mo Personal Hardship Temporary Housing Other - Please Specify	System Not in Use or House with Another Mobile Home
If the required fee and attachments	are not included with this appl	ication, it will be returned to you as in	complete. Post a flag or sign
with your name and address at the	entrance to the property. Flag	and number the test holes.	
By my signature, I certify that the i	information I have furnished is on to enter onto the above desc	correct, and hereby grant the Departm ribed property for the sole purpose of	ent of Environmental Quality this application.
Signature		Date	
Kry Komine		503-440-9561	Applicant's E-mail Address
Applicant's Name - Please Print Legibly		CD)	Abiront a p-mon vomen
Applicant's Mailing Address	r Seaside	UK 97138	
Applicant is the Owner	Authorized Representative	Licensed Septic Installer	
	Authorization Attached	Dean HARA	man
		Installer's Name	

- c 12 11 01:29p

	DEPT. OF ENVIRONMENTAL QUALI
SECTION 1 - TO BE COMPLETED BY APPLICANT (may be filled in ele	cfronically by tabbing to each field)
1. Applicant Name/Property Owner: Ray Romine	IUN 1 1 2012
Mailing Address: 2170 Skyline Dr	
City, State Zip Code: Seworld 02 97138	NORTH COAST BRANCH OFFIC
Telephone: 503-440-9561	WARRENTON
2. Property Information:	
County: (in 1-50-5) Tax Lot No	D.: # 33M
Township: Range: 17	Section: 3 3D
Physical Address:	
Block: Lot	
Subdivision Name (if applicable): Heritage Dunes	
3. This proposed facility is for:	
☆ An individual, single-family dwelling	۴ ,
Examination in the provided service in the provided se	
Describe the type of development, dismess, of monthly and the provided service	s of products.
	τ
4. Permit or approval being requested:	•
Construction-Installation permit for: Wew Construction R	epair []; Alteration
Non-water -carried facility requests (for example, pit privy/vault toilet for camp	ogrounds)
: Authorization Notice for: : Replacement of dwelling : I	Bedroom addition
Print Form Other changes in land use involving po	otential sewage flow increases
SECTION:2-IO BE COMPLETED BY CITY OR COUNTY PI	ANNING OFFICIAL
5. Property Zoning: R-1 Zoning Minimum Parcel	Size: 10 000 50 ft
6. The facility is located: inside city limits inside UGB	outside UGB
If inside UGB, the proposed facility is subject to:	
City jurisdiction County jurisdiction Shared City/Co	unty jurisdiction
7. Does the proposed facility comply with all applicable local land use requirements:	Yes No
If you answered "Yes" above, was this compliance based on:	
Compliance with local comprehensive plans and land use requirements (provide	
Conditional approval (provide findings and citation or attach a copy of the applic	
☐ Measure 49 waiver (provide Department of Land Conservation and Developmen Either provide reasons for affirmative compliance decision or attach findings of fact:	
Estates provide seasons for annimative compitative decision of attach midnigs of fact.	
8. Planning Official Signature:	
Print Naine: Chal Sweet Date: 1	12/12/11
Title: City Alimnerstands. Telephone	503-756-5501

OnsiteLUCS 2/28/2008

513-861-3259

Hartman Construction Co. Material list Ray Romine-Heritage 10+#5

Pipe & Fittings	
1 ½ PVC sch 40 4" 3034 pvc pipe 4" 3034 fittings	
Tanks	
Willamette Graystone 2 compartment 1500 gal dosing / septic Willamette Graystone 500 gal dosing Willamette Graystone 1000 septic	
Risers	
Orenco Norwesco Michaels	
Pumps & Supplies	
Franklin Orenco Floats & Alarms Orenco Effluent Screen	
Drain Media	
Naselle Sand & Gravel DEQ Sand Teevin 1 ½" Drain Rock Mohler Pee – Gravel	
Frabric	
Typar	
Drain Field	
Arch 18 Chambers Willamette Graystone Drop Box Willamette Graystone Serial D - Box	DEPT. OF ENVIR
	HIM

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JUN 1 1 2012

NORTH COAST BRANCH OFFICE WARRENTON

umping System rom OSI Effluent onfigured for loading rates up to $1.25\,$ GPD/FT. 2 Follow appropriate intermittent sand filter design criteria. 2'x30' Intermittent Sand Filter* with Gravity Discharge 30" 12" 24" -End Cap 30 -Orifice Shield -30 Mil PVC Liner -4" Class 125 Slotted PVC Pipe (1/4" wide slots 2-1/2" deep at 4" on center) -Discharge Line Flushing Valve Box -Air Coil System JUN 1 1 2012 8// 814 AIRWAY AVENUE Orenco Systems® 97479-9012 SUTHERLIN, OREGON FACSIMILE: TELEPHONE: (541) 459-2884 (541) 459-4449

TOP VIEW - 12'X30' GRAVITY DISCHARGE SAND FILTER

1-1/4" PVC Manifold

3/4" PVC Lateral (w/ 1/8" dia. orifices)

Note: See additional details on EDW-ISF-S-3

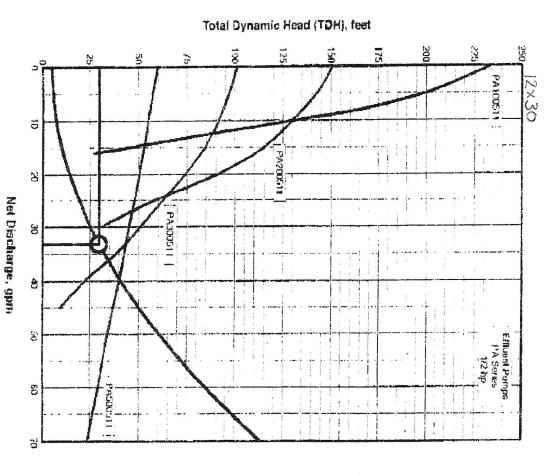
Pump Selection for a Pressurized System

100	10.0 feet	'Add-on' Friction Losses
inches	Name inches	Flow Meter
inches	1.26	Discharge Assembly Size
	49	Transport Pipe Class/Schedule
inches	1.25	Transport Line Size
feet	20.0	fransport Length
feel	5.0	Lift to Manifold
	46	Manifeld Pipe Class/Schedule
1.26 inches	1.26	Manyfold Line Size
feet	12.0	Manifold Length
	Modie	Distributing Valve Mudel
	à	Lateral Pipe Class/Schedule
inches	0.75	Lateral Line Size
feet	28.0	Lateral Length
	un	Number of Laterals per Call
स्ट	2.00 feet	Onfice Spacing
feet	5.0	Residual Head at Last Onfice
inches	1/8	Chine Size

97479

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STATHEREN OFFICERS



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15:10年日本出

PAREMETER

(CUD) 548 9853

LINTENCE

% Flow Differential Isl and Last Orifice

7.5 %

Number of Lines per Zons

Total Actual Flow Rate

33.1 gpm

Residual Field at Last Orifice

5.8 feet

20 Jac

Lift to Manifold

Head Loss in Caterals

Minimum Flow Rale per Orifice

0.43 gpm

Number of Ordices per Zone

Head Loss Through Dishibuting Valve

1.0 faat 0,0 feet 0.4 feet

Head Loss Through Discharge Head Loss Through Flow Mater

2.7 feet 5.8 feet 3.0 feet

10.0 feet

Total Flow Rate

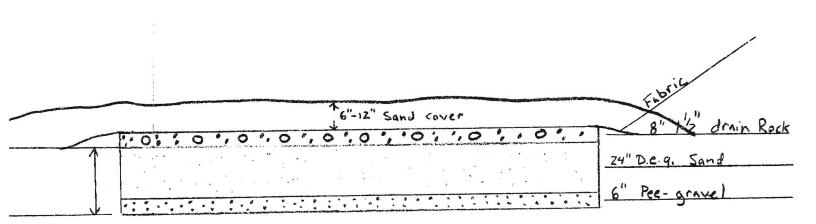
HOL

33.1 gpm 29.6 teet Head Loss in Transport Pipe

Head Loss in Manifold

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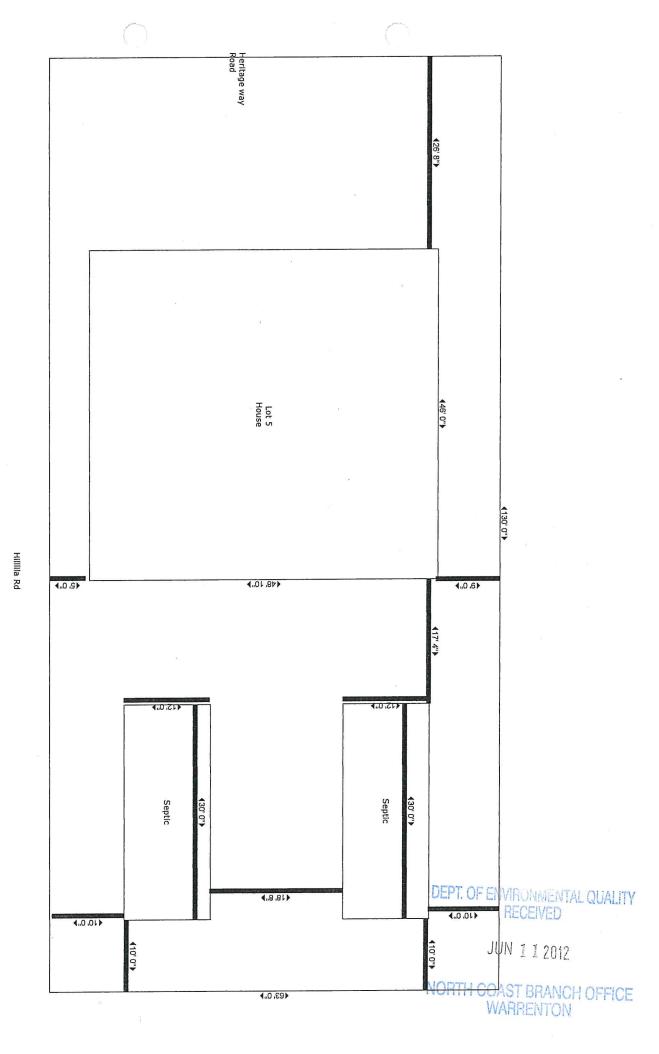
JUN 1 1 2012



DEPT. OF ENVIRONMENTAL QUALITY RECEIVED

JUN 1 1 2012

NORTH COAST BRANCH OFFICE WARRENTON



Z_>



Receipt Number: 149716

Oregon Department of Environmental Quality

Warrenton Office

65 N Highway 101, Suite G

Warrenton, OR 97146

Date Received 6/11/2012

Received From Romine Construction LLC

(Check Name): Ray Romine

2170 Skyline Drive Seaside, OR 97138

T06N R10W S03 BD

Property TaxLot 3300

At: Clatsop County 4141 Hwy. 101 N. Gearhart, OR 97138 Lot 5, Heritage Dunes

Current Payment

Check #

Money Order #

Purchase Order

Bank Number

Amount Applied

1,580.00 Check

Amount Paid

Payment Type

2742

24-22

1,580.00

Total Amount Applied \$1,580.00

Onsite Fees

Base Fee:

1,520.00

Surcharge Fee:

60.00

Plan Review Flow Fee:

Pump Evaluation Fee:

Flow Fee:

Reinspection Fee:

Total Fee

\$1,580.00

Application Description

Application ID: 413328

Application Type: Construction-Installation Permit

Single Family Dwelling

System Type: Sand Filter: Bottomless - Residential

Pump Evaluation: No

Flow: 450

gallons/day

Payments

Previous Payments:

0.00

Current Payment:

1,580.00

Over Payment:

0.00

Total Payments:

\$1,580.00

Receipt Amount: \$1,580.00

Receipted By:

Date of Entry:

Vicky Schiele

6/11/2012

L ZU12



RETURN APPLICATION TO:

Warrenton Office 65 N Highway 101, Suite G Warrenton, OR 97146 (503) 861-3280

Application For Return of Fees

D <u>EQ USE ONLY</u>
<u> </u>

Oregon Department of Environmental Quality

Name and Address of Applicant Who Paid Fee	2. 147227	1,580.00	12/12/2011	4836
Romine Construction LLC	Receipt No	Original Receipt	Receipt Date	Deposit No.
Ray Romine 2170 Skyline Drive Seaside, OR 97138	Payment Type Check	Number 2732	Amo 1,58	
	3. Am	ount of Refund:	\$1,520.00)
I hereby request that my application	Loca	ted at		
Application ID: 412694		706N R10W S03		
Application Type: Construction-Installation F	O marit	Tax Lot 3300 Clatsop County		
Application SubType: Single Family Dwelling	4	1141 Hwy. 101 N.	20	
Type of System: Sand Filter: Bottomless - R		Gearhart, OR 9713 ot 5 Heritage Dur		
Commercial:				
Pump: No		*		
Flow in Gallons: 450		3		
I understand that a return of fees paid is subject to rev provisions as contained in the Oregon Revised Statute		nent to determine co	onformance with to $12/22/1$	he refund
Signature of Applicant Who Paid Fee	Title		Date	·
	PROGRAM USE			
$oldsymbol{\mathbb{Z}}$ I certify that no field work or any other substantial wo	ork associated with	the application iden	tified above has b	een performed.
\Box The application identified above was submitted in error	or.			
Other explanation for return of fee: Can not build	d house at this ti	me.		
Inohal Kung WQ	Manager		12/19	12011
Michael Kucinski	Title		Date	
DE	Q FISCAL USE O	NLY		
T-Code 220 FY: Index		PCA:		
Agency Obj.: Amount: _		Authorized:		SCANNED
		*		FEB 1 0 2012



State of Oregon Department of Environmental Quality

Rev 8-14-03 bjk

Application for Casite Sewage Treatment System

Department of Environmental Quality 65 N Highway 101, Suite G Warrenton, OR 97146

> Phone/TTY: (503) 861-3280 Fax: (503) 861-3259

	Scan ID
Date Stamp:	For DEQ Use Only: 412690
Date Stamp:	Date Received 12/12/11
PECHVED	Fee Paid 1580, 02
:es	Receipt Number 147227
DEC 1 2 2011	Application Number 412 694
. DEG = P LON	Date of 1st Response
	Date of 2nd Response
ITH COAST ERANCH OFFICE	Date of Final Response
WARAENTON	Date of Completion
CONTRICTION	Scanned Data Entry

· 基础图 () :	A. Property Owner	Information	
Ray Romine	2170 Skyline Mailing Address (Street or 10 Box, City, S	Dv tate, Zip Code)	503-440-9561 Phone Number
	B. Legal Property	Description	
Township Range	$\frac{3BD}{Section} = \frac{3300}{Tax Lot}$	Tax Account Number	Acreage or Lot Size
County	Subdivision Name	Lot	Block
Property Address: Address		City	State Zip Code
Directions to Property:	Middle let on Ri	Last their tire	st left on
Heritage Way		Colliss / Weter Information	
Existing Facility: Single Family Residence Number of Bedrooms Other	Proposed Pacility Proposed Proposed Facility: Single Family Residence Number of Bedrooms Other	Water Supplence Private	ly: (sevarehnaret Name Well, Spring, Shared
	D. Type of A	pplication	
Site Evaluation Construction Permit Repair Permit Major Minor Alteration Permit Major Minor	Renewal Permit Existing System Evaluation Permit Transfer Permit Reinstatement	Authorization Notice for	ystem Not in Use or House with Another Mobile Home
. If the required fee and attachme with your name and address at	nts are not included with this application to the entrance to the property. Flag and	ion, it will be returned to you as incommer the test holes.	complete. Post a flag or sign
and it's authorized agents perm		12/12/11	ent of Environmental Quality this application.
Applicant's Name-Please Print legit		503-440-956	ramine 4@ Charter, com Applicant's E-mail Address
Applicant's Mailing Address	« Dr Senside	OK 97138	
Applicant is the Owner	Authorized Representative	Licensed Septic Installer	
	Authorization Attached	Dean Hartmi	IN

SECTION 1 - TO BE COMPLETED BY APPLICANT (may be filled in electronically by tabbing to each field)
1. Applicant Name/Property Owner: Romine
Mailing Address: 2170 Skyline Dr
City, State Zip Code: Se. sick 02 97138
Telephone: 503-440-9561
2. Property Information:
County: (1.1 -50.3) Tax Lot No.: # 2300
Township: Range: Section: 2 21
Physical Address:
Block: Lot:
Subdivision Name (if applicable): Heritage Dune 3
3. This proposed facility is for:
An individual, single-family dwelling
Describe the type of development, business, or facility and the provided services or products:
4. Permit or approval being requested:
Construction-Installation permit for: [New Construction
Non-water -carried facility requests (for example, pit privy/vault toilet for campgrounds)
Authorization Notice for:
Authorization Notice for: Replacement of dwelling Bedroom addition Other changes in land use involving potential sewage flow increases
Print Form Other changes in land use involving potential sewage flow increases
Other changes in land use involving potential sewage flow increases SECTION 2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL
Other changes in land use involving potential sewage flow increases SECTION:2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 50 11
Print Form Other changes in land use involving potential sewage flow increases SECTION 2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL
Other changes in land use involving potential sewage flow increases SECTION 2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning R-1 Zoning Minimum Parcel Size: 10 000 50 CH 6. The facility is located: inside city limits inside UGB outside UGB
Other changes in land use involving potential sewage flow increases SECTION 2=TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL SECTION 2=TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL SECTION 2=TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL Section
Other changes in land use involving potential sewage flow increases SECTION:2-TO BE COMPLETED BY CITY:OR COUNTY PLANNING OFFICIAL 5. Property Zoning R - Zoning Minimum Parcel Size: 10 000 Section 10 000 Se
Compliance with local comprehensive plans and land use involving potential sewage flow increases Section 2
SECTION 2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFI CIAI 5. Property Zoning: Zoning Minimum Parcel Size: 10 OCC Scattle
SECTION 2—TO BE GOMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 50 14 6. The facility is located: inside city limits inside UGB outside UGB the proposed facility is subject to: City jurisdiction
SECTION 2-TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFI CIAI 5. Property Zening: R- \ Zoning Minimum Parcel Size: 10 OCC SCATT 6. The facility is located: inside city limits inside UGB outside UGB If inside UGB, the proposed facility is subject to: [City jurisdiction
SECTION 2—TO BE GOMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 50 14 6. The facility is located: inside city limits inside UGB outside UGB the proposed facility is subject to: City jurisdiction
SECTION 2—TO BE GOMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 50 14 6. The facility is located: inside city limits inside UGB outside UGB the proposed facility is subject to: City jurisdiction
SECTION 2—TO BE GOMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 50 14 6. The facility is located: inside city limits inside UGB outside UGB the proposed facility is subject to: City jurisdiction
SECTION 2. TO BE COMPLETED BY CITY:OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 000 Sofficial 6. The facility is located: inside city limits inside UGB outside UGB If inside UGB, the proposed facility is subject to: City jurisdiction County jurisdiction Shared City/County jurisdiction 7. Does the proposed facility comply with all applicable local land use requirements: Yes No If you answered "Yes" above, was this compliance based on: Compliance with local comprehensive plans and land use requirements (provide a citation to the applicable provisions) Conditional approval (provide findings and citation or attach a copy of the applicable land use decision) Measure 49 waiver (provide Department of Land Conservation and Development approval number) Either provide reasons for affirmative compliance decision or attach findings of fact:
Cther changes in land use involving potential sewage flow increases SECTION 2—TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL 5. Property Zoning: R-1 Zoning Minimum Parcel Size: 10 CCC SCAT 6. The facility is located: inside city limits inside UGB outside UGB If inside UGB, the proposed facility is subject to:

OnsiteLUCS 2/28/2008

513-861-3259



Receipt Number: 147227

Oregon Department of Environmental Quality Warrenton Office 65 N Highway 101, Suite G Warrenton, OR 97146

Date Received 12/12/2011

Received From Romine Construction LLC (Check Name): Ray Romine 2170 Skyline Drive

Seaside, OR 97138

For **T06N R10W S03** Property TaxLot 3300

At: Clatsop County 4141 Hwy. 101 N. Gearhart, OR 97138 Lot 5, Heritage Dunes

Current Payment

Check # Money Order #

Purchase Order #

Bank Number

Amount Applied

1,580.00 Check

Amount Paid

Payment Type

2732

24-22

1,580.00

Total Amount Applied

\$1,580.00

Onsite Fees

Base Fee:

1,520.00

Surcharge Fee:

60.00

Plan Review Flow Fee:

Pump Evaluation Fee:

Flow Fee:

Reinspection Fee:

Total Fee

\$1,580.00

Application Description

Application ID: 412694

Application Type: Construction-Installation Permit

Single Family Dwelling

System Type: Sand Filter: Bottomless - Residential

Pump Evaluation: No

Flow: **450**

gallons/day

Payments

Previous Payments:

0.00

Current Payment:

1,580.00

Over Payment:

0.00

\$1,580.00

Total Payments:

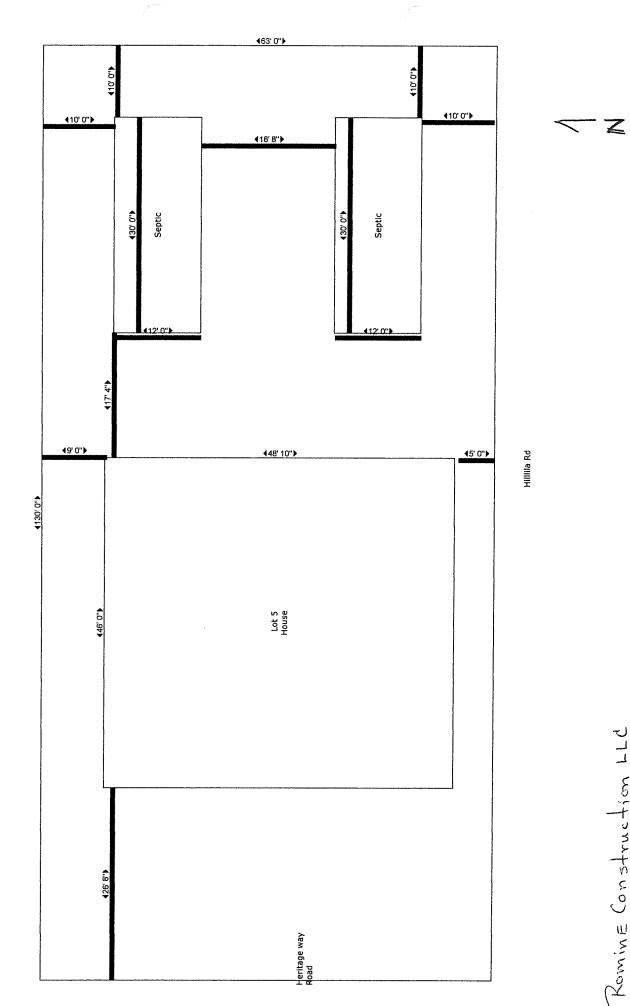
Receipt Amount: \$1,580.00

Receipted By:

Date of Entry:

Vicky Schiele

12/12/2011



Romine Construction LLd 503-440-9561





Department of Environmental Quality Northwest Region North Coast Branch Office

65 N Highway 101, Suite G Warrenton, OR 97146 (503) 861-3280 FAX (503) 861-3259

February 26, 2008

Ray Romine Romine Construction LLC 2170 Skyline Dr. Seaside, OR 97138

IMPORTANT DOCUMENT – PLEASE READ CAREFULLY

-This is not a construction permit-

RE:

Site Evaluation Results - Site Approvals with Conditions

Heritage Dunes Subdivision – Proposed Lots 1, 2, 3, 4, 5 and 6

T6N, R10W, S3BD; Tax Lot No. 3300, Clatsop County

Onsite Nos: 405599, 405600, 405601, 405602, 405603 and 405604

Dear Ray Romine:

The above-described properties were evaluated for suitability of onsite sewage disposal on the following date(s): February 21, 2008. Based on the evaluation, the following onsite wastewater treatment systems are approved for **Lots 1, 2, 3, 4, 5 and 6** as follows:

Initial system:

Bottomless Sand Filter

Replacement system:

Bottomless Sand Filter

NOTE: Site development plans accompanied by physical stake-outs on each of the lots approved for onsite sewage disposal will be required for review and approval prior to issuance of any construction/installation permits.

Details of the site evaluations are included in the Site Evaluation Report that is enclosed.

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. A permit must be issued by DEQ for each approved system 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 within 60 days of the site evaluation report issue date at a cost of \$440. If you would like to apply for a Variance from one or more of the Onsite Wastewater Treatment System 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 (503) 861-3280.

Sincerely,

Connie M. Schrandt

Natural Resource Specialist

Connie M. Schandt

Enc:

Site Evaluation Report

Site Evaluation Report For Onsite Wastewater Treatment System Suitability

Site Location: T6N, R10W, S3BD; Tax Lot No. 3300, Clatsop County

Heritage Dunes Subdivision - Proposed Lots 1, 2, 3, 4, 5 and 6

Applicant: Ray Romine

Application Nos.: 406133, 406134, 406135, 406136, 406137 and 406138 Onsite Nos.: 405599, 405600, 405601, 405602, 405603 and 405604

Date(s) of Site Evaluation: February 21, 2008 DEQ Onsite Specialist: Connie M. Schrandt

Date of Report: February 26, 2008

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 onsite wastewater treatment 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 onsite 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 February 21, 2008. For each lot, 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 the onsite system.

Approved Systems

Based on the evaluation of the site and soil conditions, the following onsite wastewater treatment systems are approved for Lots 1, 2, 3, 4, 5 and 6:

Initial System: System Type: Bottomless Sand Filter

Minimum Septic Tank Size: 1000 gallons Minimum Dosing Tank Size: 500 gallons Distribution Method: Low Pressure

Minimum Base Area of Filter: 360 square feet

Maximum Filter Depth: Varies (see Field Worksheets)

Replacement System: Same as for Initial System.

The initial and replacement systems on each lot must be separated by 10 feet of undisturbed ground or by a reinforced concrete wall that is installed as part of the initial system. Also, above ground portions of the sand filter must be supported by a berm that extends out from the edges of the sand filter at a 2:1 slope, or by reinforced concrete walls.

NOTE: Site development plans accompanied by physical stake-outs on each of the lots approved for onsite sewage disposal will be required for review and approval prior to issuance of any construction/installation permits. The plans and stakeouts must demonstrate that there is adequate area to accommodate both initial and replacement disposal areas and that all required setbacks (to property lines, underground utilities, building foundations, surface waters, potential man-made cuts resulting from house placement and construction, etc.) can be maintained.

Attached are the Field Worksheets and Plot Plans that show the test pit locations and other details of the site evaluation on each lot.

Site Limitations

Many sites have limitations that will affect either the location of the onsite sewage system or the type of system that can be allowed. The following describes the limitations found in this evaluation.

Clatsop Plains Special Considerations

<u>Description</u>: For properties within the area generally known as the Clatsop Plains and *of less than one acre*, the approved onsite system shall be either a sand filter system or a pressurized distribution system with a design sewage flow not to exceed 450 gallons per day.

Rule requirement: OAR 340-071-0400(5)

Site conditions observed: Lots 1, 2, 3, 4, 5 and 6 are each less than one acre in size.

Setback from property lines and building foundations

Rule requirement: Table 1, OAR 340-071. 10' setback required.

<u>Description:</u> The required property line setback allows construction of the system without trespass or damage to neighboring properties. The foundation line setback prevents too much liquid from causing the soil under the building to settle and potentially damage the building.

<u>Site Conditions Observed:</u> The size and configuration of **Lots 1, 2, 3, 4, 5 and 6** relative to residential development plans and maintaining required setbacks are such that only bottomless sand filter systems will be considered.

Permanent groundwater levels too close to ground surface

<u>Description</u>: "Permanent groundwater" refers to a water table or saturated zone that exists year-round. Treatment of sewage occurs in the soils around the drainfield area. If groundwater comes in contact with the sewage before it has been adequately treated in the soils, there are two concerns: 1) very little treatment occurs in saturated soils – the presence of air is required for good treatment; and 2) sewage may be "forced" to the surface where it poses a potential public health hazard.

Rule requirement: OAR 340-071-0290(2)(b)(A). For approval of low-pressure distribution systems, a minimum separation of 48 inches is required between the bottom of the disposal trenches (or seepage bed) and the upper level to which permanent groundwater is expected to rise. A bottomless sand filter system can be approved on sites with a minimum separation of 24 inches between the bottom of the filter and the upper level of permanent groundwater. Soil conditions observed: The required 48-inch separation described in the rule cannot be met on Lots 1, 2 and 3 due to shallow groundwater levels, as determined by measuring the depth to conditions associated with saturated soils and groundwater.

Additional Conditions of Site Approval for Lots 1, 2, 3, 4, 5 and 6

- 1. Sites on Lots 1, 2, 3, 4, 5 and 6 are approved for the types of onsite wastewater treatment systems described above. Peak sewage flow into each system is limited to a maximum of 450 gallons per day, with an average sewage flow of not more than approximately half of the peak sewage flow. 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 limits are exceeded.
- 2. Any alteration of natural soil conditions (i.e. cutting or filling) in the acceptable area may void these approvals. Disposal areas shall maintain a 25-foot setback to any cut banks that may be created from an excavated cut for the house placement.
- 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 areas 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. These approvals are given on the basis that the lots will not be further partitioned or subdivided.

These site approvals are valid until each system 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 Worksheets and Plot Plans

Towns	ship:) Dancas I	TE EVALUATION FIELD WORKSHEET
		Law Rom	DW Section: 380 Tax Reference: 1000 Parcel Size: 10080 Sefer
		Z-Z1-08	
He		Dunes.	
	DEPTH	TEXTURE	SOIL MATRIX COLOR AND CONDITIONS ASSOCIATED WITH SATURATION, ROOTS, STRUCTURE, EFFECTIVE SOIL DEPTH, ETC
	0-20	lef.	1048 3/2 : £ 15BV = 10050 CO : 160 0 4 C + C \ CO
•	20-51	\$	104R3/2; f15BK → Loose, sq; Many vf+f+ common m roots 2.545/3-4; Loose, sq to 32"
Pit 1			
•			
	0-20	fsl	similar to Pit 1@ 0-20", roots to 27"
	20-29	S .	104R4/4-3; Loose, sq
Pit 2	29-48	V.	2.5.45-4/2-3 4 4
Pit 3		· ·	
Pit 4			
*			
Lands	cane Notes: 5	tablized	Alle
	~ 1-21/,		spect: Wo endence
	Site Notes:		Groundwater Type. Navy to an extraction
		·	SYSTEM SPECIFICATIONS
Design	rFlow: 450	gpd	5151EW SI ECHTCATIONS
Initial	System: Bo	offendess s	Sand Firther ATT Treatment Standard: Z
			near feet/square feet Maximum Depth: 36 inches Minimum Depth: inches
			as laited sustem ATT Treatment Standard:
	al Facility:		near feet/square feet Maximum Depth:inches Minimum Depth:inches
Specia	I Conditions:	Chysical st	taking of initial & replacement sand filters along with
<u>un +</u>	<u>and a si</u>	K ARUBIAN	ment flan required for DEQ review & approved
17-17	DI TU (O)	smit Iccuo	<u> </u>

