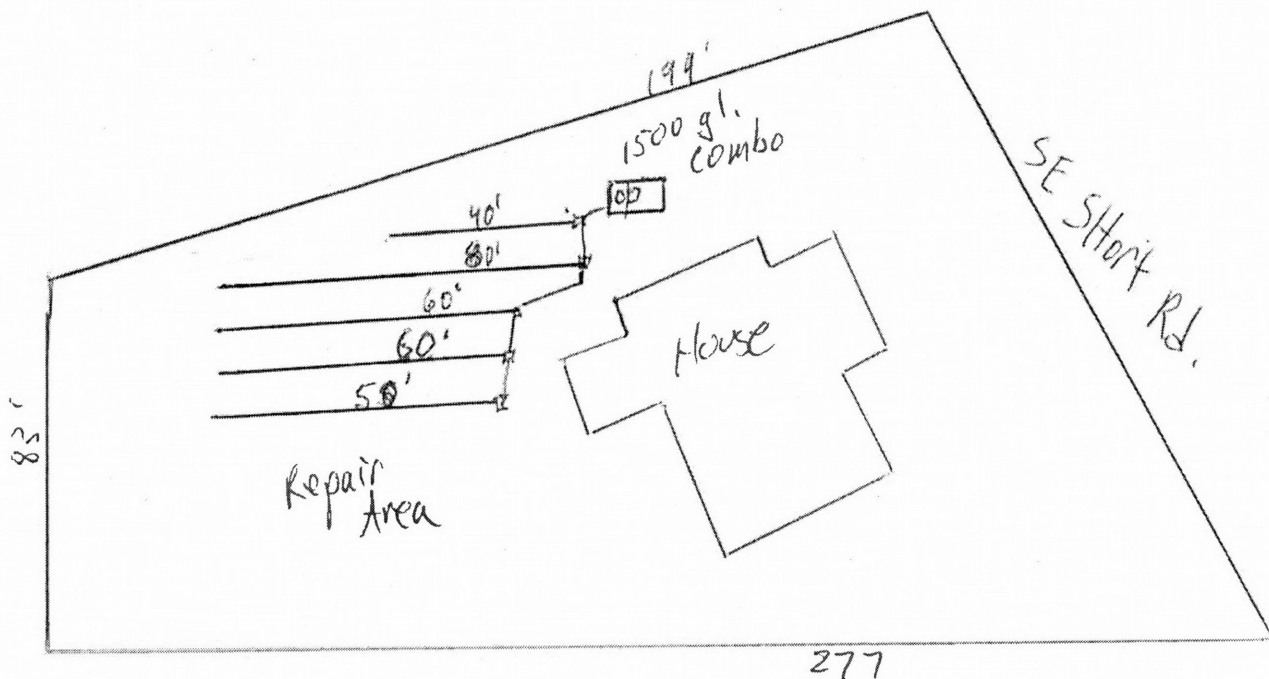




Address 7241 SE Short Rd. Permit Number 12-183907-5P

**Section 3: As-Built Plan of the Constructed System** - Indicate the direction of North and show the locations of all wells within 200 feet of the system.



↑  
N 1" = 40'

O.K. to final  
ET+PT  
approved by  
Brush.  
E. Mick  
5/2/13

**Section 4: Construction was performed by:**

Property Owner (Permittee)

Sewage Disposal Service Name Coffman Excavation DEQ Licence # 35524

I certify the information provided in this notice is correct, and that the construction of this system was in accordance with the permit and the rules regulating the construction of on-site sewage disposal systems (OAR Chapter 340, Divisions 71 and 73).

System Installer's Signature

Steve Humphrey

Title Installer

Date 2-22-13

City of Portland, Oregon - Bureau of Development Services, Site Services Sanitation Section  
Phone: 503-823-6892 • FAX: 503-823-5433 • TTY: 503-823-6868

Address 7241 SE Short Rd. Permit Number 12-183907-SP



**City of Portland, Oregon - Bureau of Development Services**

1900 SW Fourth Avenue • Portland, Oregon 97201 • 503-823-7300 • www.portlandonline.com/bds



**Sanitation Final Inspection Request and Notice**

Pursuant to the requirements within ORS 454.665, OAR 340-71-170 and OAR 340-71-175, 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 (except for the backfilling or covering of the installation). The Department (or Agent) has 7 days to perform an inspection of the completed construction after the official notice date, unless the Department (or Agent) elects to waive the inspection and authorizes the system to be backfilled earlier. 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. Please complete all four sections of the form and return it to the office that issued the permit. Forms that are determined to be incomplete will be returned.

Date Received \_\_\_\_\_

**Section 1: Basic Information**

Property Owner Sassalos  
Permit Number 12-183907 County Multnomah Township 15  
Range 4e Section 19AC Tax Lot 1800 Tax Acct \_\_\_\_\_  
Job Location 7241 SE Short Rd.  
Date System Construction Completed 10-9-12 Date Submitted to DEQ or Agent 2-22-13

**Section 2: Materials List** - Identify and list all materials used in the system's construction.

1500 gal. white concrete combo Tank  
w/ PF 3005H# Pump & Floats from QSI  
3-piece Drop Boxes  
50' Additional Trench added to existing. (E2 Drain)  
40' of 2729 header pipe

continued on back



**BYER'S SEPTIC TANK SERVICE, INC.**

P.O. BOX 549  
OREGON CITY, OREGON 97045  
(503) 656-3326  
byersseptic@gmail.com

**JOB INVOICE**

DATE ORDERED <i>10-7-12</i>	PHONE <i>710-0960</i>
ORDER TAKEN BY	DATE PROMISED <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.

BILL TO <i>Coffman</i>	
ADDRESS <i>Job no. 12298-17</i>	
CITY	
JOB NAME AND LOCATION <i>7241 SE Short Rd.</i>	

	AMOUNT
<b>TANK MATERIAL</b>	
<input checked="" type="checkbox"/> METAL <input type="checkbox"/> CONCRETE <input type="checkbox"/> PLASTIC	
HOLDING TANK PUMPING ---	
SEPTIC TANK PUMPING --- <i>1,000 gal</i>	
TANK LOCATING AND DIGGING ---	
<i>Abandon</i>	
<b>ARE THERE ANY SAFETY CONCERNS WITH THIS SEPTIC SYSTEM</b>	
<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>IS THE SYSTEM WORKING PROPERLY AT THIS TIME</b>	
<input type="checkbox"/> YES <input type="checkbox"/> NO	

I hereby acknowledge the satisfactory completion of the above described work.

SIGNATURE	DATE COMPLETED <i>/ /</i>	TOTAL
-----------	------------------------------	-------





# THIS CARD MUST REMAIN ON SITE FOR HOMEOWNER

City of Gresham 1333 NW Eastman Parkway Gresham OR 97030

Residential Inspection Record Card

Inspection Request Phone Number 503-661-3909

Electrical 12-28-12  
System Ground  
Date: 11-13-12  
Initial: JV

APPLICATION NUMBER: 12- 2881

ADDRESS: 7241 SE SHORT RD

MULT W/ FIRE SPRINKLERS

CONTRACTOR: SKS DEVELOPMENT INC

### Structural Permit Pin # 470427

010 Pre-Const Erosion Control \_\_\_\_\_

201 Footing/Foundation 11-13-12 JV

Ufer Ground 11-13-12 JV

205 Foundation 11-13-12 JV

• 209 Struct/Elevated Gar Slab \_\_\_\_\_

• 208 Approach/Sidewalk \_\_\_\_\_

215 Underfloor Framing 11-30-12 JV

216 Shear Walls/Holdowns 12-31-12 RV

220 Framing 2-6-13 JV

231 Insulation/Vapor Barrier 2-8-13 RV

240 Fire Assembly \_\_\_\_\_

Other \_\_\_\_\_

020 Final Erosion Control \_\_\_\_\_

298 Residential Building Final \_\_\_\_\_

### Plumbing Permit Pin # 470450

305 Ground Work \_\_\_\_\_

300 Underfloor Plumbing 11-30-12 JV

310 Plumbing Rough In 1-10-13 RV

301 Underground Utilities:

350 Water Service 11/28/12 JV

336 Rain Drains 11/27/12 JV

345 Sanitary Sewer 11/28/12 JV

337 Crawl Space Drain 11/27/12 RV

335 Storm Sewer 12/3/12 RV

338 Footing Drain \_\_\_\_\_

303 Fire Sprinkler 1/8/13 RV

Other \_\_\_\_\_

399 Plumbing Final 5-1-13 JV

### Mechanical Permit Pin # 470443

607 Underfloor Mechanical 11-30-12 JV

612 Mechanical Rough In: 9

600 Furnace 1-18-13

601 Vents 1-18-13

602 Fuel Burning Appliance 1-18-13

604 Ducts 1-18-13

619 Gas Pressure/Test/Piping 1-18-13

Other \_\_\_\_\_

699 Mechanical Final 5-1-13 JV

### Electrical Permit Pin # 470435

#### Limited Energy Permit Pin #

104 Underground Electric \_\_\_\_\_

100 Residential Rough In/Service:

105 Residential Rough In 1-23-13

101 Service 1-18-13

106 Res Limited Energy/Signal \_\_\_\_\_

Other \_\_\_\_\_

199 Electrical Final 5-1-13 JV

030 On Site Water Quality \_\_\_\_\_

246 Water Quality \_\_\_\_\_

346 Water Quality \_\_\_\_\_

### Fire Sprinkler Permit Pin # 470468

933 Fire Sprinkler Rough In N/A Plumbing

934 Fire Sprinkler N/A Plumbing

999 Fire Final \_\_\_\_\_

### BUILDING APPROVED TO OCCUPY

Building Inspector Signature \_\_\_\_\_

Date \_\_\_\_\_

7241 SE SHORT RD  
12-183907-000-00-SP

3222634

On-Site Sewage Disposal/Alt Permit  
Issued: 9/21/12

City of Portland BDS

INSPECTION REPORT

IVR Number: 3222634

Inspection Code: 808

Single Family Dwelling/Major Alteration  
Occupancy: Const. Type:

Inspection:

808 Initial Capping Fill (503) 710-0960

Call Date/Time: 10/7/2012 19:27:12 Requested Date/Time: 10/8/12 AM

New 1500gal Waite tank pumping to exst lines and 1 new 55' line to replace the 55' encroached on by new house. New line will be with cap and all lines with drop boxes for a "shallow serial" system now on west side instead of east. PT and ET from COG to final.

Applicant: COFFMAN EXCAVATION  
Work: (503) 656-7000  
Fax: (503) 665-0686

Owner: SPIRO SASSALOS

Decommissioning Subsurface Sewage Sys Zoning Enforcement Agency: TBD  
Zoning - Property (1): TBD  
Water Source: Public  
Proposed Use of Property: Single Family Dwelling # of Bedrooms: 3 Standard Septic Tank/Drainfield System: 1 Septic Tank: 1

Applicant: COFFMAN EXCAVATION  
Work: (503) 656-7000  
Fax: (503) 665-0686

Owner: SPIRO SASSALOS

Most Recent Inspections:

<input checked="" type="checkbox"/>	1	Approved
<input type="checkbox"/>	2	Partially Approved
<input type="checkbox"/>	3	Approved with Corrections
<input type="checkbox"/>	4	Rollover/Missed
<input type="checkbox"/>	5	Not Approved
<input type="checkbox"/>	6	Consultation Completed

No Access	1
Stop Work Order Issued	2
Not Ready	3
Could Not Locate	4
See Correction Notice on Job Site	5
No Plans on Job	6
No Permit Card on Job	7
Fees Owed	8
Subcontractor Information Missing	9
Cancelled by Customer	0

Confirmation: #269391 Inspector/Date/Time/Phone: Jim Pitt 827-5471 10/8/12

New 1500gal Waite dose tank under test & good.

Ran pump to existing 1<sup>st</sup> line & took water well. Didn't run a complete tank test

1 new line of 50' added to replace what was lost from new house position. New drop boxes for 3-4 to 5' minimum 6' from new final. Changed to tank in old location & boxes on E side. All last line to be capped. Cap soil test on site & is O.K. Silty but not sticky.

Need asphalt & mat to ET & PT to final. Pump rec't from old tank. (Metal tank on site)

Fees Paid	
On-Site Plan Rvw CO	\$120.11
Alteration Permit	\$1,885.00
DEQ Surcharge	\$60.00



CITY OF  
**PORTLAND, OREGON**  
 BUREAU OF DEVELOPMENT SERVICES  
 1900 SW 4th Ave., Suite 5000  
 Portland, OR 97201



**ON-SITE SEWAGE DISPOSAL/ALT PERMIT**

**12-183907-000-00-SP**

**Site Address: 7241 SE SHORT RD**

**Issued: 9/21/12**

<b>PROJECT INFORMATION</b>		Occ. Group	Const. Type
Single Family Dwelling	Major Alteration		
Project Description: New 1500gal Waite tank pumping to exst lines and 1 new 55' line to replace the 55' encroached on by new house. New line will be with cap and all lines with drop boxes for a "shallow serial" system now on west side instead of east. PT and ET from COG to final.			

<b>APPLICANT</b>	COFFMAN EXCAVATION	Phone (503) 656-7000
<b>PROPERTY OWNER</b>	SPIRO SASSALOS	Phone
<b>CONTRACTOR</b>	COFFMAN EXCAVATION	Phone

Project Details	
# of Bedrooms	3
Proposed Use of Property	Single Family Dwelling
Standard Septic Tank/Drainfield System	1
Zoning Enforcement Agency	TBD

Project Details	
Decommissioning Subsurface Sewage	Yes
Septic Tank	1
Zoning - Property (1)	TBD

Roll remaining \$392 from 12-169573 SE into 12-183907 SP. DAult 9/19/12  
 Roll \$962 from 12-170787 SP into 12-183907 SP.  
 Remaining balance of \$532 + \$60 DEQ surcharge. (Total \$592 owing). DAult 9/19/12

All work to conform to requirements of Oregon Administrative Rules 340.71 and 340.73 governing on-site sewage disposal. All work shall be performed by the property owner or by a licensed installer. Permits are only transferrable by reapplication. Post permit on site until work is completed.

**BEFORE YOU DIG** ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344).

**CITY CONTACT** Phone: (503) 823-4172  
 E-Mail:

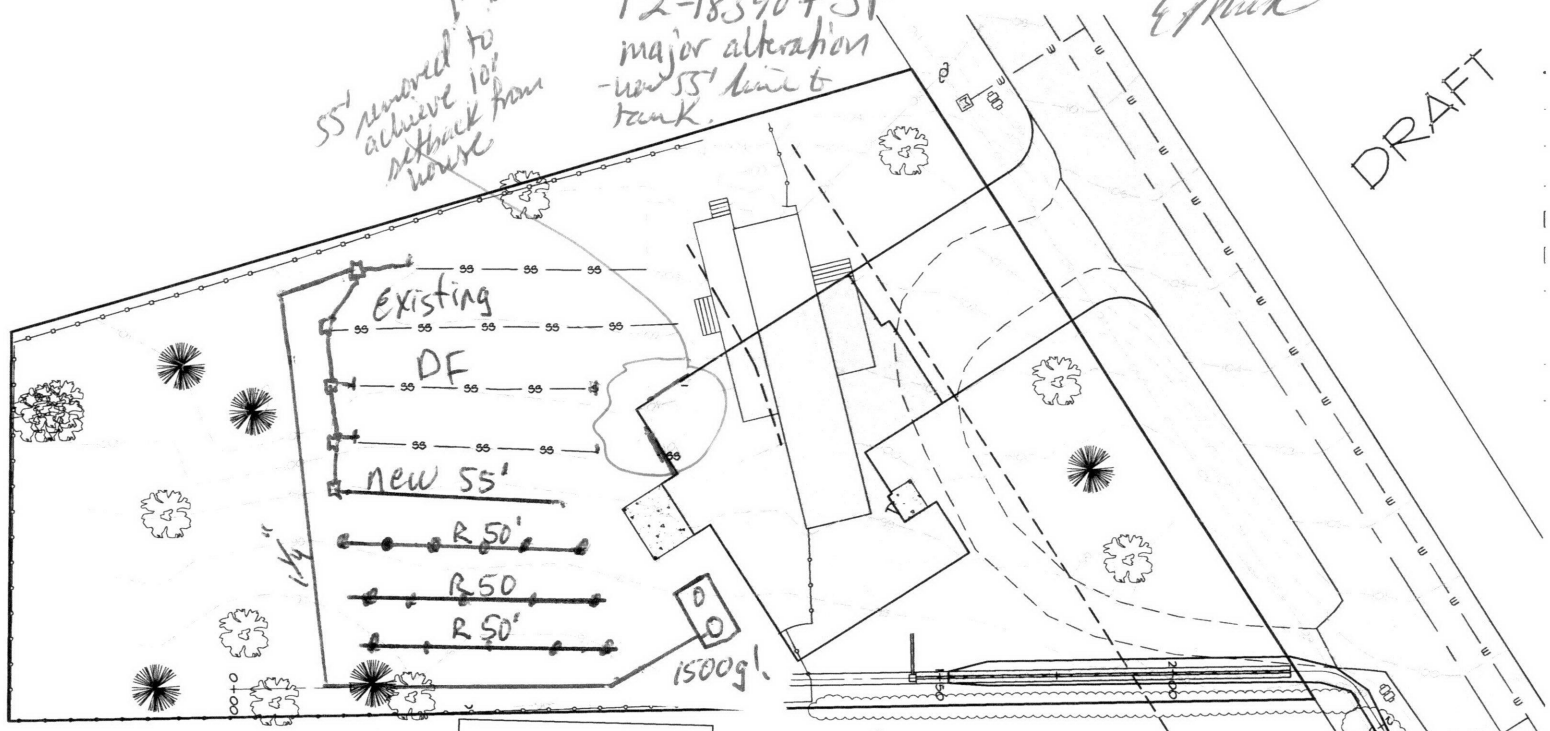
**INSPECTION REQUEST PHONE NUMBERS** Sanitation Inspections - Call Before 6:00 AM: (503) 823-7000  
 TDD: (503) 823-6868  
 IVR Inspection Request Number: 3222634

approved to issue  
9/21/12  
E. Plunk

55' removed to  
achieve 10'  
setback from  
house

7241 SE Short  
12-183907 SP  
major alteration  
- new 55' line to  
tank.

DRAFT



R = Repair Area lines, pretreatment

**SITE GRADING / EROSION CONTROL / PLOT PLAN**

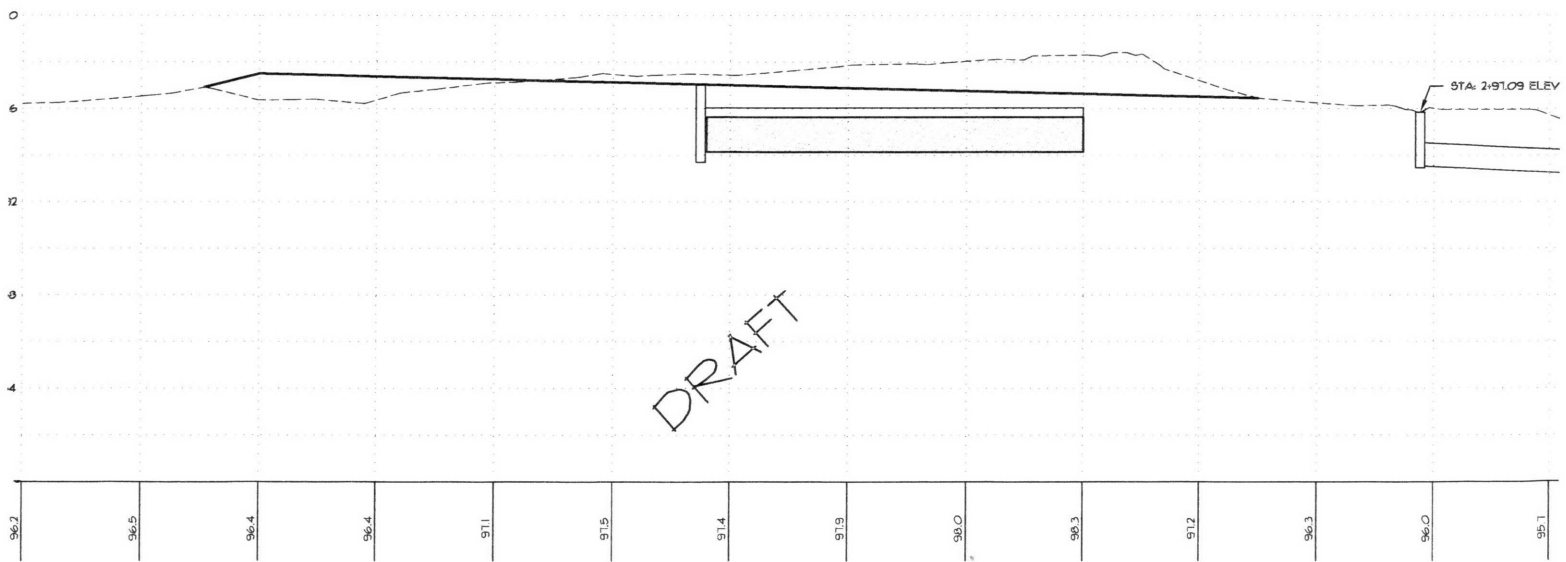
SCALE: 1" = 20'

1" = 40'

--- = Repair DF DRAFT

STA: 2+91.09  
OFFSET: 0.15 L

STA: 3+36.91  
OFFSET: 0.23 L

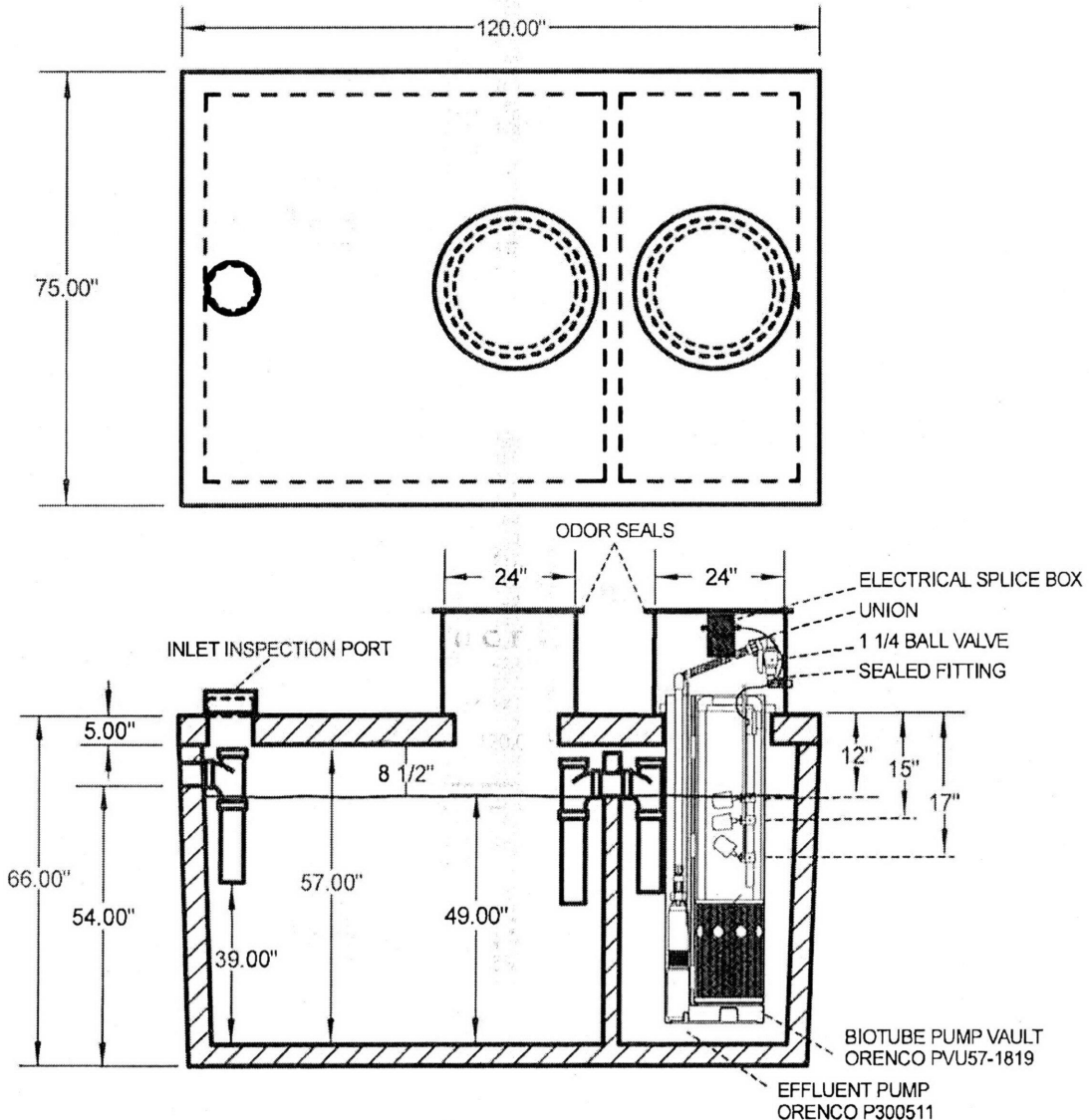


DRAFT



12-183907 SP

**WAITE CONCRETE PRODUCTS, LLC**



**1500 GALLON COMBINATION SEPTIC/PUMP TANK/HI HEAD PUMP PAK**

**EXCAVATION DIMENSIONS**

(040108 WCP) 1515 1500 PTC PVU57 AAA

GALLON CAPACITY	WIDTH OF HOLE	LENGTH OF HOLE	HEIGHT OF TANK	INLET TO BOTTOM*	TANK WEIGHT
1500	7'	11'	66"	54"	14,500#

\*MEASUREMENT FROM THE BOTTOM OF THE TANK TO BOTTOM OF INLET HOLE.  
 TANK INCLUDES: 2- 12" RISERS 2-31" DIA. X 2 1/2" THICK LIDS  
 4" ABS INLET COUPLER 8" DIA. CLEAN OUT PORT  
 2" PVC DISCHARGE COUPLER 3/4" PVC ELECTRICAL COUPLER



12-183907 SP

# Pump Selection for a Non-Pressurized System - Single Family Residence Project

## Short Road

### Parameters

Discharge Assembly Size	1.25	inches
Transport Length	100	feet
Transport Pipe Class	40	
Transport Line Size	1.25	inches
Distributing Valve Model	None	
Max Elevation Lift	12	feet
Design Flow Rate	30	gpm
Flow Meter	None	inches
'Add-on' Friction Losses	0	feet

### Calculations

Transport Velocity	6.5	fps
--------------------	-----	-----

### Frictional Head Losses

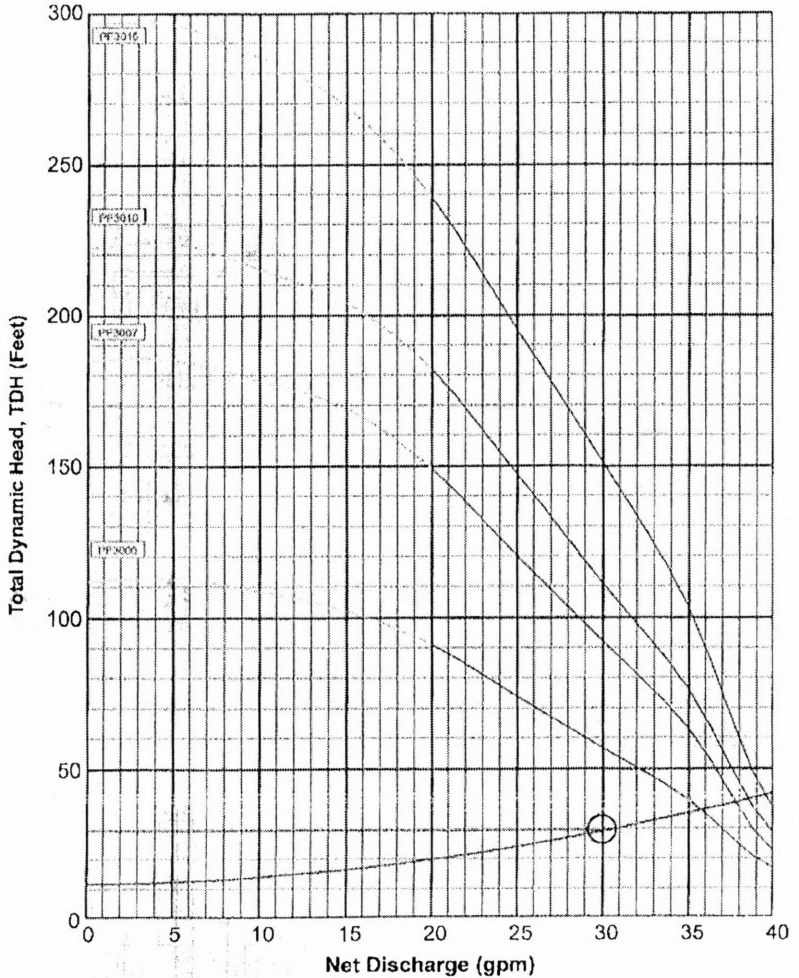
Loss through Discharge	6.3	feet
Loss in Transport	11.1	feet
Loss through Valve	0.0	feet
Loss through Flowmeter	0.0	feet
'Add-on' Friction Losses	0.0	feet

### Pipe Volumes

Vol of Transport Line	7.8	gals
-----------------------	-----	------

### Minimum Pump Requirements

Design Flow Rate	30.0	gpm
Total Dynamic Head	29.4	feet



### PumpData

PF3005 High Head Effluent Pump  
30 GPM, 1/2HP  
115/230V 1Ø 60Hz, 200V 3Ø 60Hz

PF3007 High Head Effluent Pump  
30 GPM, 3/4HP  
230V 1Ø 60Hz, 200/460V 3Ø 60Hz

PF3010 High Head Effluent Pump  
30 GPM, 1HP  
230V 1Ø 60Hz, 200/460V 3Ø 60Hz

PF3015 High Head Effluent Pump  
30 GPM, 1-1/2HP  
230V 1Ø 60Hz, 200/230/460V 3Ø 60Hz

### Legend

System Curve:	—
Pump Curve:	----
Pump Optimal Range:	▨
Operating Point:	○
Design Point:	⊙



Oreco Systems\*  
Incorporated

"Changing the Way the  
World Does Water"



# INSTALLATION PERMIT APPLICATION

Category	
<input checked="" type="checkbox"/> 1 & 2 Family Dwelling	<input type="checkbox"/> Multi-Family <input type="checkbox"/> Accessory Building <input type="checkbox"/> Comm'l/Industrial
Job Site Information and Location	
Property Owner:	Cory Griffin
Job Address:	7241 SE Short Rd.
City/State/Zip:	Gresham OR. 97080
Street/Cross Street:	
Legal Description:	1S, 4E, Sec 19AC, 1800
Size/Acreage of Parcel: <u>0.5</u>	Domestic Water Source: Private <input type="checkbox"/> Public <input checked="" type="checkbox"/>
Project/System description:	
Land Feasibility Study (LFS) #	12-169573-SE
Existing System: <u>Std.</u>	Existing # of Bedrooms <u>2</u>
Tank: <u>1,000 metal</u>	
System Type:	
Drainfield Dispersal Method: <u>Serial</u>	Lineal Feet <u>290</u>
Proposed System: <u>Existing/cap</u>	Proposed # of Bedrooms <u>3</u>
Tank: <u>1500 sl. combo</u>	
System Type:	
Drainfield Dispersal Method: <u>Serial</u>	Lineal Feet <u>290</u>
Installer	
Business Name:	Coffman Excavation
Installer Name:	Steve Humphreys
Address:	P.O. Box 687
City/State/Zip:	Oregon City OR. 97045
Phone: (503) 710-0960	FAX: (503) 656-0686
DEQ Lic #: 35534	CCB#: 146689
Authorized Signature: <u>Steve Humphreys</u>	Date: <u>8-14-12</u>
Applicant	
Name:	Coffman Excavation
Address:	P.O. Box 687
City/State/Zip:	Oregon City OR. 97080
Phone: (503) 710-0960	FAX: (503) 656-0686
E-mail:	
Signature: <u>Steve Humphreys</u>	Date: <u>9-20-12</u>
Sanitation Fees	
<b>NOTE:</b> DEQ surcharge applies to ALL installation permits	Subtotal _____
	DEQ Surcharge _____
	<b>TOTAL</b> _____

Issued permit will be mailed to the applicant listed on the application  
 Allow up to 20 working days after complete submittal for review of your application

Additional Submittal Requirements on page 2

Application Submittal Checklist		
Applications must be complete with <b>all</b> the submittals indicated. Only complete application packets will be accepted for review. See back side for additional description of required submittal		
<b>FOR ALL PERMITS:</b>		
<input type="checkbox"/> Completed Application Form <input type="checkbox"/> Scaled, legible & detailed site plan <input type="checkbox"/> Floor Plans <input type="checkbox"/> DEQ approved tank spec sheet <input type="checkbox"/> Water supply source & line location ( <input type="checkbox"/> public <input type="checkbox"/> private) <input type="checkbox"/> Property Address from Multnomah County		
<b>DRAINFIELDS:</b>		
<input type="checkbox"/> Planning & Zoning approval (LUCS form) <input type="checkbox"/> Beginning, middle & end elevations of each line <input type="checkbox"/> Drainfield material type <input type="checkbox"/> Test pit location(s) on SAME site plan <input type="checkbox"/> Pump calcs & selection (as applicable) <input type="checkbox"/> Sand Filter construction details (as applicable)		
<b>Advanced Treatment Technology (ATT)</b>		
<input type="checkbox"/> Signed O&M contract <input type="checkbox"/> DEQ approved spec sheet		
PERMIT FEES		
Description	Qty	Fee
Single Family Construction – (New Installation Permit)		
Standard Septic Tank/Drainfield		\$ 1,876
Sand Filtration		\$ 2,549
Advanced Treatment Technology		\$ 2,549
Capping Fill		\$ 2,549
Pressure Distribution		\$ 2,549
Seepage Trench		\$ 1,876
Tile Dewatering		\$ 2,549
Gray Water Waste Disposal Sump		\$ 961
Other (Redundant and Steep Slope)		\$ 1,876
Single Family (Repair/Replacement Permit)		
Septic Tank (only) – minor		\$ 409
Septic Tank/Standard Drainfield – major		\$ 826
Septic Tank/Non-Standard Drainfield – major		\$ 1,123
Commercial/Multi-Family Construction – (New Installation Permit)		
Standard Septic Tank/Drainfield		\$ 1,876
Sand Filtration		\$ 2,549
Advanced Treatment Technology		\$ 2,549
Alternative & Non-Standard System		\$ 2,549
Holding Tank		\$ 1,876
Commercial/Multi-Family (Repair/Replacement Permit)		
Septic Tank (only) – minor		\$ 961
Septic Tank/Standard Drainfield - major		\$ 1,876
Alternative & Non-Standard System		\$ 2,549
Holding Tank		\$ 1,876
Large Systems (over 601-2,500 gpd)		
Plan Review		\$ 1,128
Additional charge per 500 gallons (# of 500 gallons)		\$ 238
Alteration Permit (expansion/relocation)		
Septic Tank/Drainfield – major	1	\$ 1,885
Septic Tank (only) – minor		\$ 961
Reinspection fee		
Reinspection Fee (commercial or residential)		\$ 202
Reinstatement, Renewal, or Permit Transfer		
With Site Visit		\$ 1,119
Without Site Visit		\$ 486
Miscellaneous		
Third and Subsequent Checksheets		\$ 184
Work without Permit (two times the permit fee)		
DEQ Surcharge		
Applies to ALL Installation Permits		\$ 60