

STATE OF OREGON
Department of Environmental Quality

CERTIFICATE OF SATISFACTORY COMPLETION

SUBSURFACE OR ALTERNATIVE SEWAGE SYSTEM

Owner: VITALIY & TATYANA SNEGUR Permit Number: 14-114550-SP
Location: 6932 SE 267TH AVE

In accordance with Oregon Revised Statute 454.665 this certificate is issued as evidence of satisfactory completion of a subsurface or alternative sewage disposal system at the above location.

July 29, 2014
Date

Erin Mick, REHS
Sanitarian



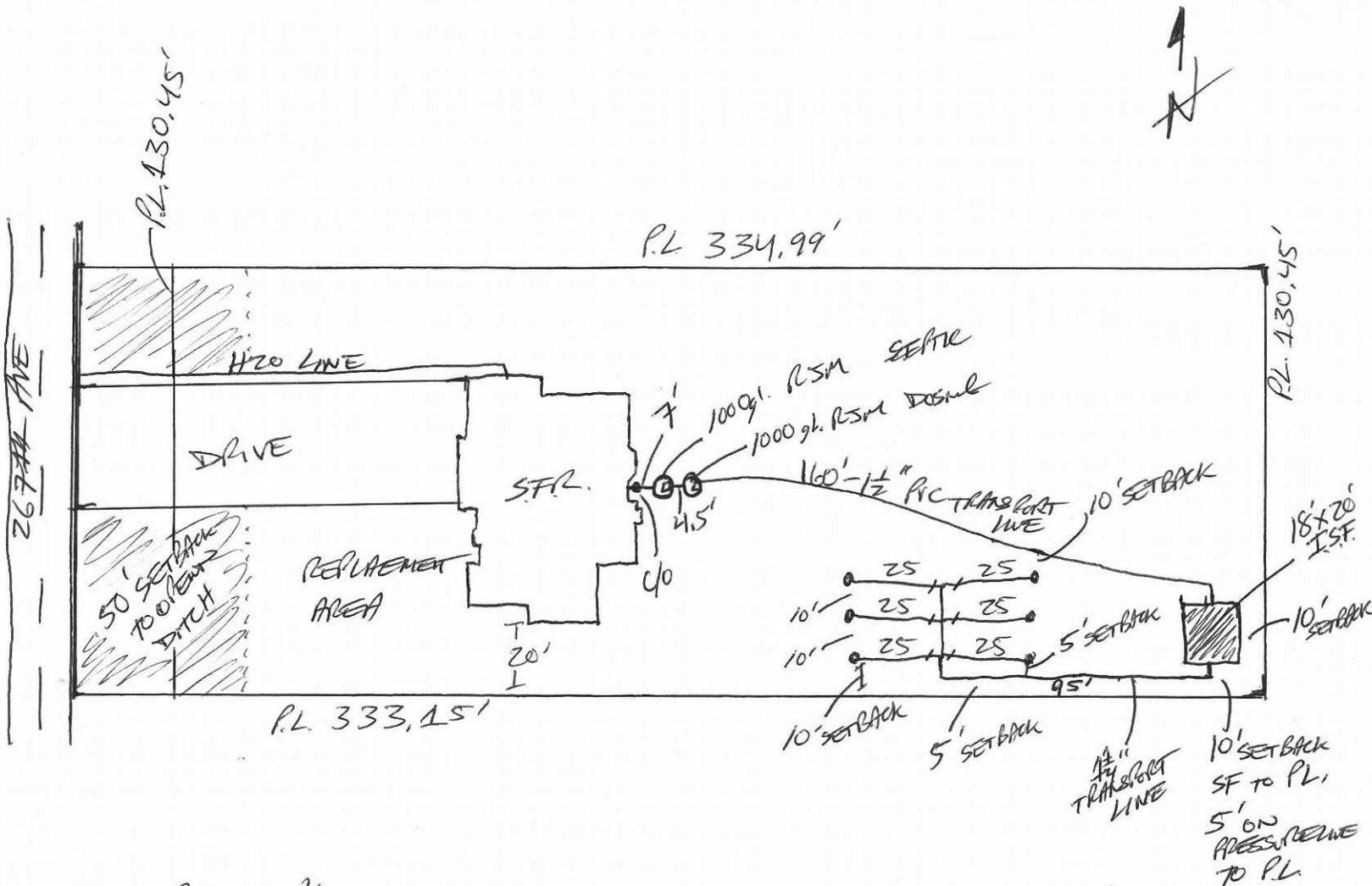
City of Portland
PORTLAND, OREGON
Bureau of Development Services



Address: 6932 SE 267th AVE Permit Number 14-114550-SP

SECTION 3: As-Built Plan of the Constructed System -

INCLUDE: • North Arrow • any/all streets • Distances from house to tank / tank to d-box / length of lines / well to drainfield



★ PUBLIC H2O
NO WELL SETBACKS

O.K. to Final
E. Mink
7/29/14

SECTION 4: Construction was performed by:

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

Property Owner? Y N Septic Service Name N/A

System Installer's Name: VITARIY SNEGUR
Print

Certified Installer # N/A

System Installer's Name: [Signature]
Signature

Date signed 07-23-2014



SEPTIC AS-BUILT and MATERIALS LIST

Pursuant to the requirements within ORS 454.665, OAR 340-71-170 (**PRE COVER**) and OAR 340-71-175 (**CSC**), the system installer and/or the permittee must submit the as-built & materials list to Department of Environmental Quality authorized Agent (City of Portland) 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). Please complete all four sections of the form. Forms that are determined to be incomplete will be returned.

SECTION 1: Basic Information

Site Address: 6932 SE 267th AVE
 Permit Number: 14-114550 SP County: Multnomah
 Property Owner: VITAHY SNEGOR & TATYANA SNEGOR
 Tax Lot or Tax Acct #: TAS, R3E SEC. 24 TL 4200
 Date System Backfilled and Completed: 07-23-2014

SECTION 2: Materials List – Identify and list all materials used in the construction of the system, including lengths of pipe used and approximate number of fittings and/or notable parts.

1000 gal. RSM SEPTIC TANK
1000 gal. RSM DOSING TANK
PVDF OPENCO HIGH HEAD PUMP/POLLAR
1 1/2" PVC SCHED. 40 PRESSURE LINE TANK-SF
18' X 20" I.S.F. (INGROUND SAND FILTER)
1 1/4" PVC SCHED. 40 PRESSURE LINE SF-DF
150' L.P. DRAW FIELD.
6" WAVE BOXES @ FUSIONTS & VANERON D.F.
PUMP GRABERS 18" OPENCO IN S.F
P-30 HH PUMP IN TANK (OPENCO)
P-30 HH PUMP IN SAND FILTER (OPENCO)
TRACER WIRE ON ALL
MVP, SSF1, PT, RO (CONTR. PANEL)
12" ADS 1/2 PIPE COVER ON D.F. LATERALS

80

6932 SE 267TH AVE
14-114550-000-00-SP

3418872

On-Site Sewage Disposal/Alt Permit
Issued: 4/21/14

City of Portland BDS

INSPECTION REPORT

IVR Number: 3418872

Inspection Code: 832

Single Family Dwelling/New Construction
Occupancy: Const. Type:

Inspection:

832 Secondary Sand Filter

(971) 282-7325

Call Date/Time: 7/22/2014 22:04:02

Requested Date/Time: 7/23/14

NSFR-1000gal septic to 1000gal dose to 360sf SF to 150LF of equal pressure gravelless distribution of 3 x 50' split down middle. Max depth, 14" . PT and ET with new home to final. **Can not install drainfield until soils dry; contact this office if during wet season**

Applicant:
VITALIY SNEGUR

Owner:
VITALIY SNEGUR

Owner:
TATYANA SNEGUR

Zoning Enforcement Agency:
TBD Zoning - Property (1):
TBD Water Source: Public
Land Feasibility Study Number:
24-13 # of Bedrooms: 3
Sand Filtration: 1

Applicant:
VITALIY SNEGUR

Owner:
VITALIY SNEGUR

Owner:
TATYANA SNEGUR

Most Recent Inspections:
07/03/14 830 1 EM

<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:	Inspector/Date/Time/Phone
#218429	<i>Jim Mull</i> 823-5471 7/23/14

New 1000gal septic + 1000gal dose tank under test + good. Cemented down for anti-bouyancy

Squirt on sand filter good @ 5' + almost perfectly even.

Drainfield good w/ ≈ 5' squirt. Dial down to about ≈ 3' + plug that hole to give adequate head + put down manhole well. Readjust squirt a ft for that.

Sand specs rec'd. + for sand filter rec'd. Only ^{not req'd.} annual

As-built rec'd to good. → Start-up from O&M ^{insp. code} will check on start-up requirements
→ ET + PT to final. ^{7/23/14}

Fees Paid			
Installation Permit - SFD	\$2,804.00	DEQ Surcharge	\$100.00

6932 SE 267TH AVE
14-114550-000-00-SP

3418872

On-Site Sewage Disposal/Alt Permit
Issued: 4/21/14

City of Portland BDS

INSPECTION REPORT

Single Family Dwelling/New Construction
Occupancy: Const. Type:

IVR Number: 3418872

Inspection Code: 830

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

Inspection:

830 Initial Sand Filter

(971) 282-7325

Call Date/Time: 7/1/2014 08:53:13

Requested Date/Time: 7/2/14 a.m.

NSFR-1000gal septic to 1000gal dose to 360sf SF to 150LF of equal pressure gravelless distribution of 3 x 50' split down middle. Max depth, 14". PT and ET with new home to final. **Can not install drainfield until soils dry; contact this office if during wet season**

Applicant:
VITALIY SNEGUR

Owner:
VITALIY SNEGUR

Owner:
TATYANA SNEGUR

Zoning Enforcement Agency:
TBD Zoning - Property (1):
TBD Water Source: Public
Land Feasibility Study Number:
24-13 # of Bedrooms: 3
Sand Filtration: 1

Applicant:
VITALIY SNEGUR

Owner:
VITALIY SNEGUR

Owner:
TATYANA SNEGUR

Most Recent Inspections:

Edward

<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

Confirmation: #209786	Inspector/Date/Time/Phone <i>Jim P. Jul 823-5471 7/2/14</i>
-----------------------	----------------------------------------------------------------

Sand Filter ~~is~~ constructed + in w/ underdrain 8" of 1 1/2" drain rock. Constructed well + lined in and west.

O.K. to backfill filter w/ gravel + sand.

Call for 2nd inspection w/ tank + laterals in place - everything visible + working + ready to backfill.

(14)

Fees Paid		
Installation Permit - SFD	\$2,804.00	DEQ Surcharge \$100.00

553A BLUE LAKE

20601 NE MARINE DRIVE

7/2/2014 10:29:39 A

FAIRVIEW, OR 970249701



NO: 734358

Copy

Customer: 1020601

COD NONTAXABLE

Project: 28613

COD/EDDIE VARGO

P.O.:

Job Number:

Product: 8364

CLACKAMAS CO. FILTER SAND

\$12.50

DELIVERY TOTALS	
TODAY	PROJECT
LOAD 2	2
QTY 44.02	44.02

Delv To:

6932 SE 267TH AVE

Weighmaster:

MOORE, TAMMI

GRESHAM

OR

EDDIE 971-282-7325

MAP PG. 629-G6

DATE	SOURCE	lbs	Tons	TNE	
7/2/2014 10:29:37 AM	Blue Lake	51,660	25.83	23.43	Gross
6/30/2014 6:51:47 AM	POV Scale	27,620	13.81	12.53	Tare
		24,040	12.02	10.90	Net

Driver Off

Hauler: 500592

CP PORTLAND TRUCKING

Truck:

CP6352S CALPORTLAND #6352 SO

REC'D BY

DATE

AMOUNT	
PRODUCT	\$150.25
FREIGHT	\$120.20
ENV FEE	\$0.00
TAX	\$0.00
TOTAL	\$270.45

CALPORTLAND BLUE LAKE
20601 NE MARINE DR
FAIRVIEW, OR 97024

TERMINAL ID: 007998107
MERCHANT #: 329035015992

VISA
#XXXXXXXXXXXX6805

SALE
BATCH: 001238 INVOICE: 030727
DATE: JUL 02, 14 TIME: 10:30
SQ: 001 AUTH NO: 322428

TOTAL \$270.45

CUSTOMER COPY

CUSTOMER COPY

TOTAL \$640.00

SALE
BATCH: 001318 INVOICE: 018089
DATE: JUL 02, 14 TIME: 08:38
SQ: 001 AUTH NO: 975379

TERMINAL ID: 00082360
MERCHANT #: 329035012999

CALPORTLAND VANCOUVER
3101 NW GATEWAY AVE
VANCOUVER, WA 98660

AMOUNT	PRODUCT
\$400.00	PRODUCT
\$240.00	FREIGHT
\$0.00	ENV FEE
\$0.00	TAX
\$640.00	TOTAL

DATE	SOURCE	lbs	Tons	TNE	Gross	Tare	Net
7/2/2014 8:37:24 AM	POV Scale	105,220	52.61	47.73			
6/30/2014 6:52:11 AM	POV Scale	41,220	20.61	18.70			
		64,000	32.00	29.03			

Weighmaster: WILSON, KAREN

Product: 8364 CLACKAMAS CO. FILTER SAND \$12.50

DELIVERY TOTALS	
TODAY	PROJECT
LOAD 1	1
QTY 32.00	32.00

Hauler: 500592 CP PORTLAND TRUCKING
Truck: CP6352 CALPORTLAND #6352 TR

MAP PG. 629-G6
EDDIE 971-282-7325

GRESHAM

6932 SE 267TH AVE

Delv To:

Product: 8364

P.O.:

Project: 28613

Customer: 1020601

COD NONTAXABLE

COD/EDDIE VARGO

Job Number:

CLACKAMAS CO. FILTER SAND

Copy

NO: 734217

CALPORTLAND



VANCOUVER, WA 986601045

PORT OF VANCOUVE 3101 NW GATEWAY AVE

7/2/2014 8:37:38 AM

548A



- BUILDING PERMITS
- Home
- Review Existing Permit
- Status Detail
- Application Fees
- Permit Status
- Inspection Status ▶
- Plan Tracking
- Schedule / Cancel an Inspection
- New Permit Application
- Benchmark Inspections
- Email Us
- Help

Inspection Status

Use your browser's Back button to select another inspection or select Options Menu to choose another building permits option.

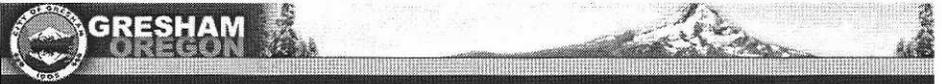
Parcel ID: 993240650 Address: 6932 SE 267TH AVE MULT
 Application Date: 04/22/14 Owner: SNEGUR,VITALIY &
 Application #: 14 - 1152 Application Type: MC SINGLE FAMILY REPLACEMENT

Inspections for Permit Number:000 000 00 - MC PLUMBING NEW RESIDENTIAL

Inspection type/sequence: 345 SANITARY SEWER / 0001
 Inspector assigned: VOLLENDROFF, JOHNNY L
 Schedule Date: 07/24/14
 Results Date: 07/24/14
 Results Status: APPROVED

Request Comments:
 July 23, 2014 3:47:23 PM rossman.
 connect septic ssystem Eddie 971 282-7325

Result Comments:



- BUILDING PERMITS
- Home
- Review Existing Permit
- Status Detail
- Application Fees
- Permit Status
- Inspection Status ▶
- Plan Tracking
- Schedule / Cancel an Inspection
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- Help

Inspection Status

Use your browser's Back button to select another inspection or select Options Menu to choose another building permits option.

Parcel ID: 993240650 Address: 6932 SE 267TH AVE MULT
 Application Date: 04/22/14 Owner: SNEGUR,VITALIY &
 Application #: 14 - 1152 Application Type: MC SINGLE FAMILY REPLACEMENT

Inspections for Permit Number:000 000 00 - MC ELEC RES NEW CONSTRUCTION

Inspection type/sequence: 104 UNDERGROUND ELECTRICAL / 0001
 Inspector assigned: VOLLENDROFF, JOHNNY L
 Schedule Date: 07/24/14
 Results Date: 07/24/14
 Results Status: APPROVED

Request Comments:
 July 23, 2014 3:53:47 PM rossman.
 Eddie 971 282-7325

Result Comments:
 July 24, 2014 2 04:44 PM vollendrof.
 For septic.!!

*delivered B 7/2/14
to send copy of rec't.*

CLACKAMAS COUNTY FILTER SAND

4/10/2014

" MEDIUM-SAND "

SIEVE	IND. WT. RETAINED	IND. % RETAINED	ACC. % RETAINED	ACC. % PASSING
100	3/8	0.0	0.00%	100.00%
95 - 100	#4	3.9	0.69%	99.31%
80 - 100	#8	26.8	4.73%	94.59%
45 - 85	#16	164.7	29.04%	65.54%
15 - 60	#30	168.9	29.78%	35.76%
3 - 15	#50	134.8	23.77%	11.99%
0 - 4	#100	59.7	10.53%	1.46%
	#200	4.1	0.72%	0.74%
	PAN	1.1		
		567.1	F.M.	2.91

DRY WEIGHT BEFORE WASH - 567.1

DRY WEIGHT AFTER WASH - 564.0

ASTM TEST MEHTODS #C-117 AND #C-136 IN USE FOR ANALYSIS.

COMPANY NAME: GLACIER NORTHWEST, INC.
CALPORTLAND COMPANY
COLMUMBIA RIVER SAND

CERTIFIED TECH: LYNN RINGHEIM (MARQUARDT) ODOT# 41361



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



ON-SITE SEWAGE DISPOSAL/ALT PERMIT

14-114550-000-00-SP

Site Address: 6932 SE 267TH AVE

Issued: 4/21/14

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	New Construction		
Project Description: NSFR-1000gal septic to 1000gal dose to 360sf SF to 150LF of equal pressure gravelless distribution of 3 x 50' split down middle. Max depth, 14" . PT and ET with new home to final. **Can not install drainfield until soils dry; contact this office if during wet season**			

APPLICANT	VITALIY SNEGUR	Phone
PROPERTY OWNER	VITALIY SNEGUR & TATYANA SNEGUR	Phone
CONTRACTOR	No Contractor	Phone

Project Details	
# of Bedrooms	3
Sand Filtration	1
Zoning Enforcement Agency	TBD

Project Details	
Land Feasibility Study Number	24-13
Zoning - Property (1)	TBD

Homeowner doing installation. EMick 4/21/14

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

E-Mail:

Phone:

Fax: (503) 823-4172

INSPECTION REQUEST PHONE NUMBERS

Sanitation Inspections - Call Before 6:00 AM:

(503) 823-7000

TDD: (503) 823-6868

IVR Inspection Request Number:

3418872

Plan Set for:

6932 S.E. 267th
Gresham, OR, 97080
T1s,R3e,SEC.24,TL4200
~ System Description ~

14-114550SP

- Septic Tank: 1000gl. Michaels Septic Tank
- Dosing Tank: 1000gl. Michaels Dosing Tank
- Dosing Pump: P30 OSI 0511
- Sandfilter Pump: P20 OSI 0511
- Cycle: Timed Dose (31sec. on/ 59.29 min. off)
- Transport: 1-1/2" Sched. 40 PVC Transport Line to I.S.F.
- Transport: 1-1/4" Sched. 40 PVC Transport Line to D.F.
- Treatment Unit: Installation of an 20 X 18 I.S.F
- Drainfield: 150 linear feet Low Pressure Distribution System
- Control Panel: MVP SSF1, PT,RO

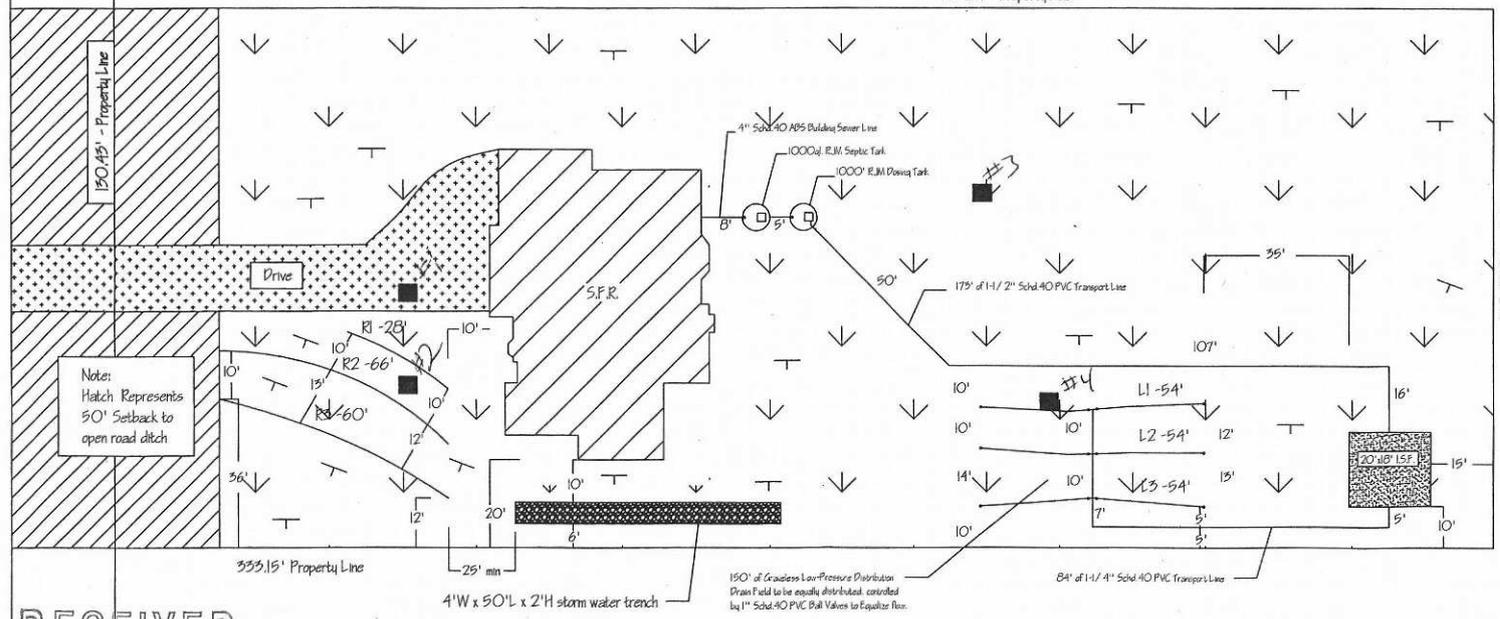
General Notes		
PREPARED BY: <i>[Signature]</i> 971-292-7325 02-03-2014		
Project Name:		
6932 SE 267th Gresham, OR, 97080		
Date:		
02-03-14		
N.T.S.		

14-13882 SE
 approved for land
 use. Can reuse
 once land use
 has approved
 E. Mink
 - signed
 4/21/14



- Note:
Public H2O
Location at street row, to meet
setbacks at installation to Dratfield.
- Note:
Storm Sewer to be installed parallel to
south property line, meeting setback to
home and to meet setbacks to Dratfield,
installed to Engineer specs and design.
- NOTE:
6" valve boxes to be installed at each bearing
and end of drain laterals, on end to enclose the
flushouts, and on bearing to enclose the 1"
Sched. 40 PVC Control ball valves.
- NOTE:
S.F.R. drawn square to its most outer edge,
actual footprint attached in plans on separate
sheet with floorplans.
- NOTE:
■ = Test pit locations

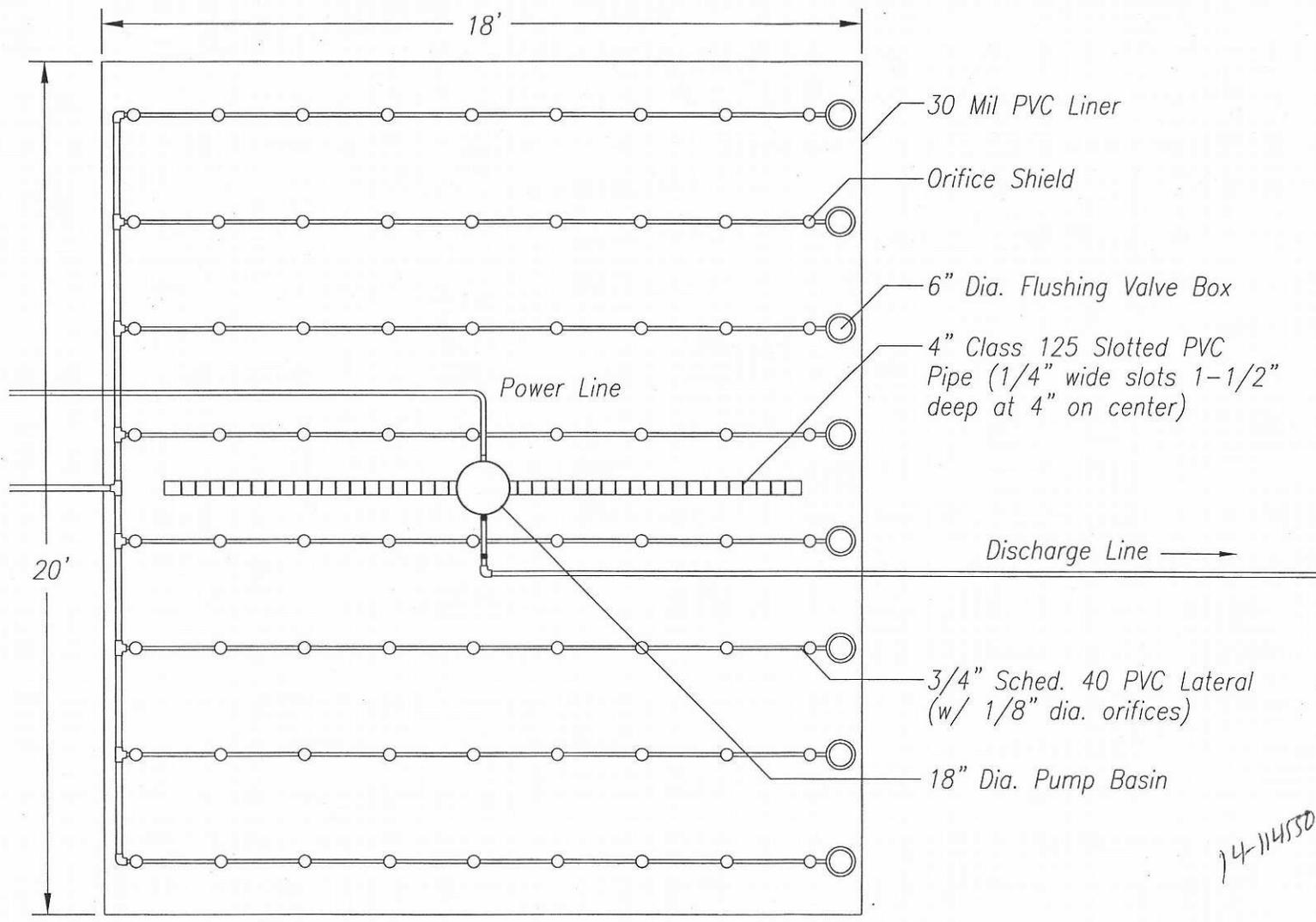
5E, 267th AVE.



RECEIVED
 MAR 26 2014
 BDS
 DOCUMENT SERVICES

14-114550-SP

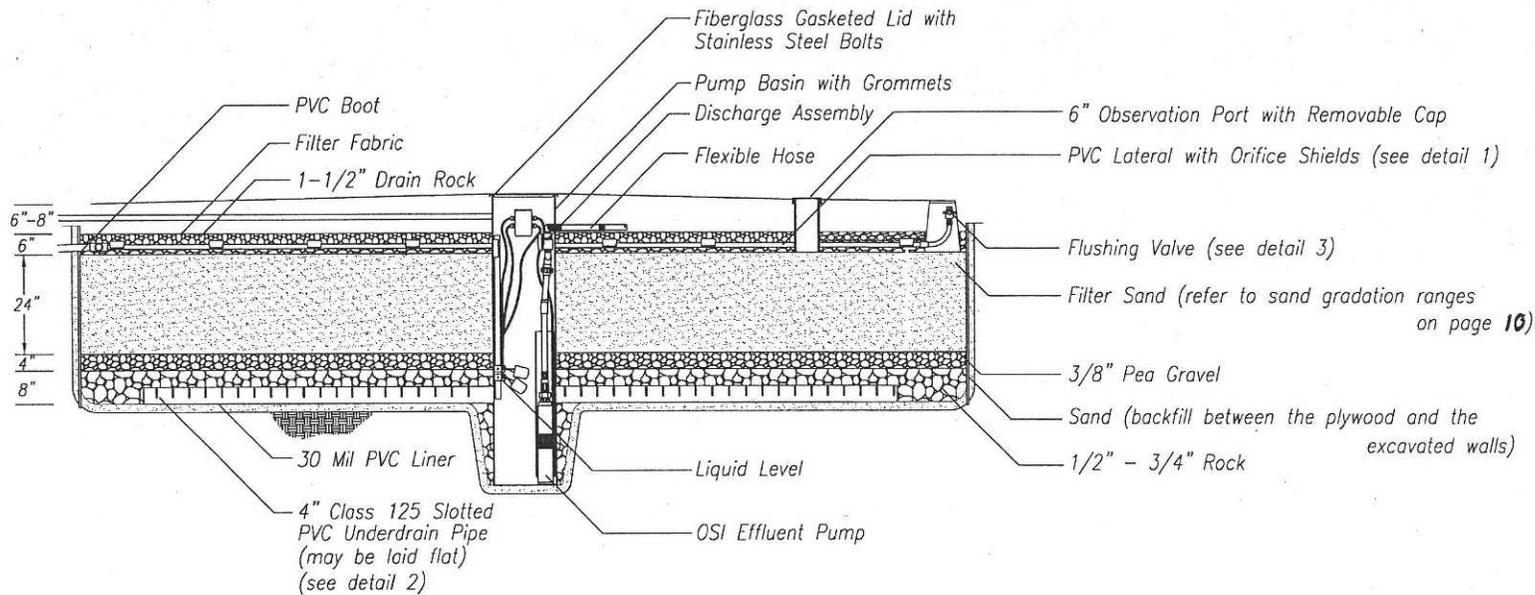
No.	Revised Date
6925 SE 267th Gresham, OR, 97080	
Date 02-03-14	Page 2



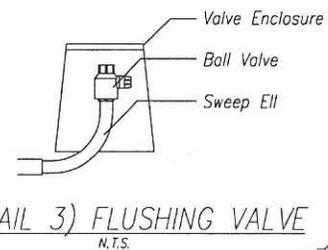
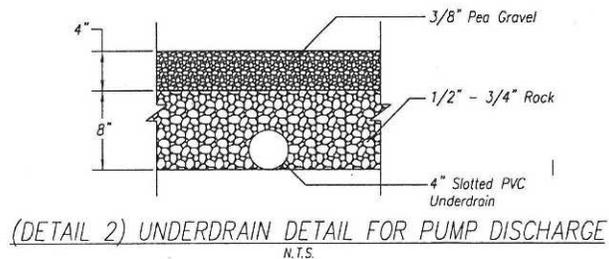
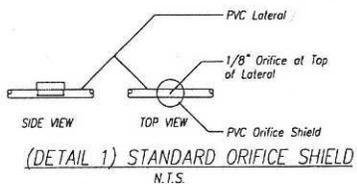
Top View - Buried Intermittent Sand Filter (20' x 18')

14-114550 SP

Grand Title		
No.	Revised Issue	Date
Project Address		
Project Location		
6920 SE 267th Gresham, OR, 97080		
Date		
02-03-14		
		3

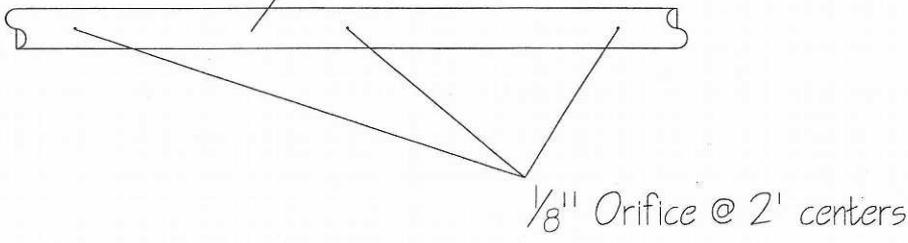
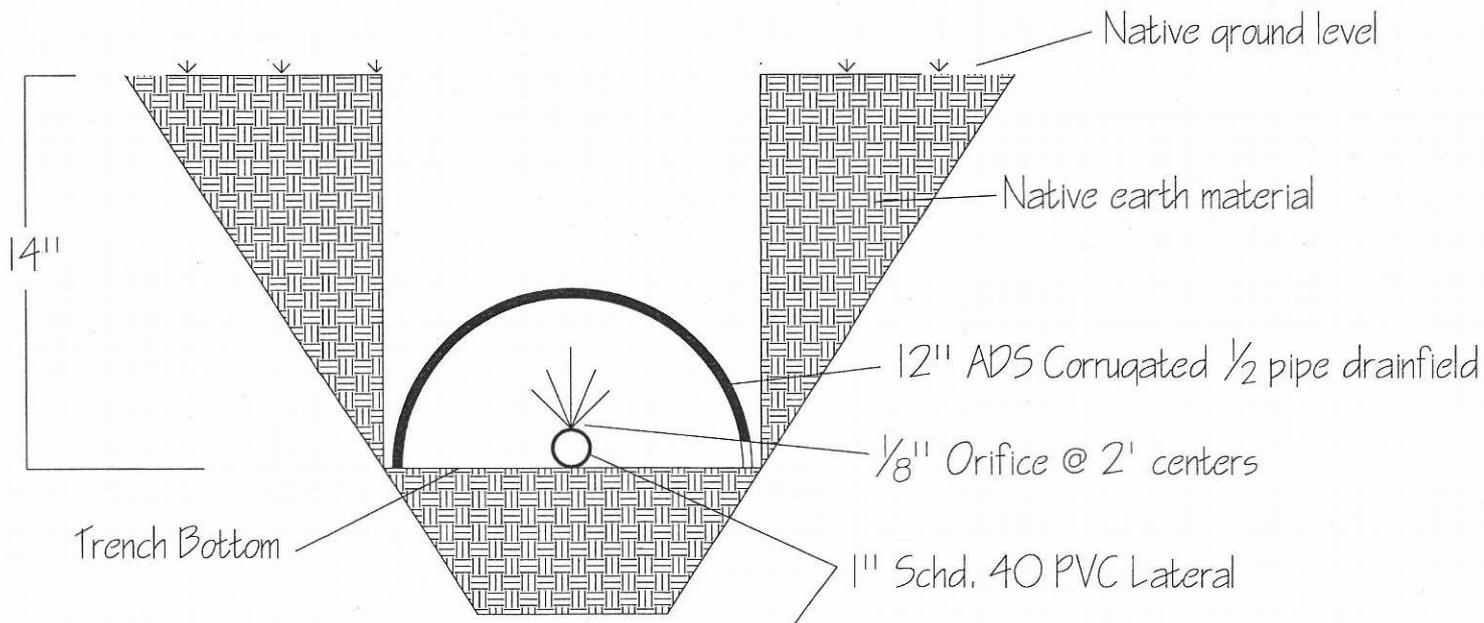


Side View - Buried Intermittent Sand Filter (20' x 18')



14-11455058

Revision		
6932 SE 267th Gresham, OR, 97080		
02-03-14	4	



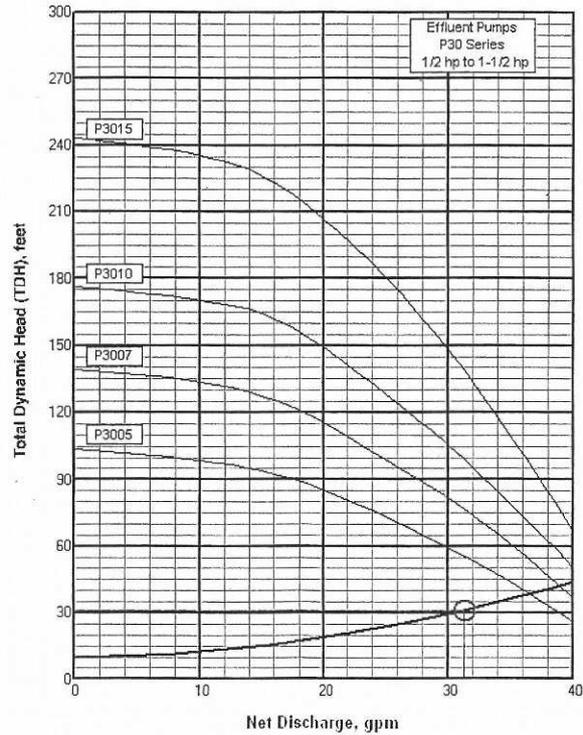
14-114550 SP

Sheet # 1/5		
No.	Revised/Issue	Date
Project name and location		
6932 SE 267th Gresham, OR, 97080		
Date	Sheet	
02-03-14	5	

Pump Selection for a Pressurized System

Input Parameters	
Orifice Size	1/8 inches
Residual Head at Last Orifice	5.0 feet
Orifice Spacing	2.00 feet
Number of Laterals per Cell	8
Lateral Length	17.0 feet
Lateral Line Size	0.75 inches
Lateral Pipe Class/Schedule	40
Distributing Valve Model	None
Manifold Length	18.0 feet
Manifold Line Size	1.25 inches
Manifold Pipe Class/Schedule	40
Lift to Manifold	10.0 feet
Transport Length	180.0 feet
Transport Line Size	1.50 inches
Transport Pipe Class/Schedule	40
Discharge Assembly Size	1.25 inches
Flow Meter	None
'Add-on' Friction Losses	0.0 feet

Calculations	
Minimum Flow Rate per Orifice	0.43 gpm
Number of Orifices per Zone	72
Total Actual Flow Rate	31.3 gpm
Number of Lines per Zone	8
% Flow Differential 1st and Last Orifice	1.7 %
Lift to Manifold	10.0 feet
Residual Head at Last Orifice	5.0 feet
Head Loss in Laterals	0.2 feet
Head Loss Through Distributing Valve	0.0 feet
Head Loss in Manifold	0.6 feet
Head Loss in Transport Pipe	10.3 feet
Head Loss Through Discharge	4.9 feet
Head Loss Through Flow Meter	0.0 feet
'Add-on' Friction Losses	0.0 feet
Total Flow Rate	31.3 gpm
TDH	31.0 feet



Oreco Systems
Incorporated

814 AIRWAY AVENUE
SUTHERLIN, OREGON
97478

TOLL FREE:
(800) 348-8343

TELEPHONE:
(541) 499-4448

FACSIMILE:
(541) 499-2884

www.oreco.com

No.	Revised/Date	Time

6932 SE 267th
Gresham, OR, 97030

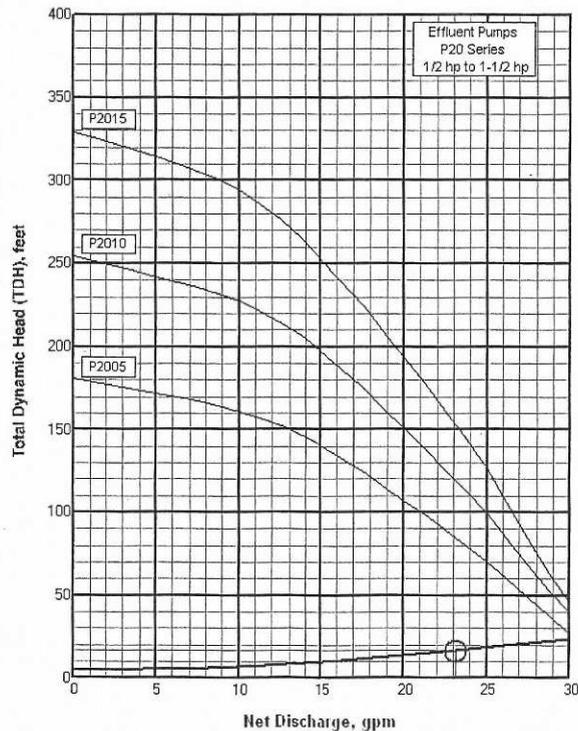
Date	02-03-14
By	N.T.S.
Sheet	7

14-114150-58

Pump Selection for a Pressurized System

Input Parameters	
Orifice Size	1/8 inches
Residual Head at Last Orifice	2.0 feet
Orifice Spacing	2.00 feet
Number of Laterals per Cell	6
Lateral Length	27.0 feet
Lateral Line Size	1.00 inches
Lateral Pipe Class/Schedule	40
Distributing Valve Model	None
Manifold Length	20.0 feet
Manifold Line Size	1.25 inches
Manifold Pipe Class/Schedule	40
Lift to Manifold	5.0 feet
Transport Length	90.0 feet
Transport Line Size	1.25 inches
Transport Pipe Class/Schedule	40
Discharge Assembly Size	1.25 inches
Flow Meter	None inches
'Add-on' Friction Losses	0.0 feet

Calculations	
Minimum Flow Rate per Orifice	0.27 gpm
Number of Orifices per Zone	84
Total Actual Flow Rate	23.1 gpm
Number of Lines per Zone	6
% Flow Differential 1st and Last Orifice	2.1 %
Lift to Manifold	5.0 feet
Residual Head at Last Orifice	2.0 feet
Head Loss in Laterals	0.1 feet
Head Loss Through Distributing Valve	0.0 feet
Head Loss in Manifold	0.4 feet
Head Loss in Transport Pipe	6.2 feet
Head Loss Through Discharge	2.7 feet
Head Loss Through Flow Meter	0.0 feet
'Add-on' Friction Losses	0.0 feet
Total Flow Rate	23.1 gpm
TDH	16.4 feet



Drenco Systems
Incorporated

814 AIRWAY AVENUE
SOUTH BEND, OREGON
97479

TOLL FREE:
(800) 348-3913

TELEPHONE:
(541) 499-4449

FACSIMILE:
(541) 499-2884

www.drenco.com

Rev.	Revised Date	By

Project Name:

6932 SE 267th
Gresham, OR, 97080

Date: 02-03-14
N.T.S.

8

14-114550-SP

~ELEVATION WORKSHEET~

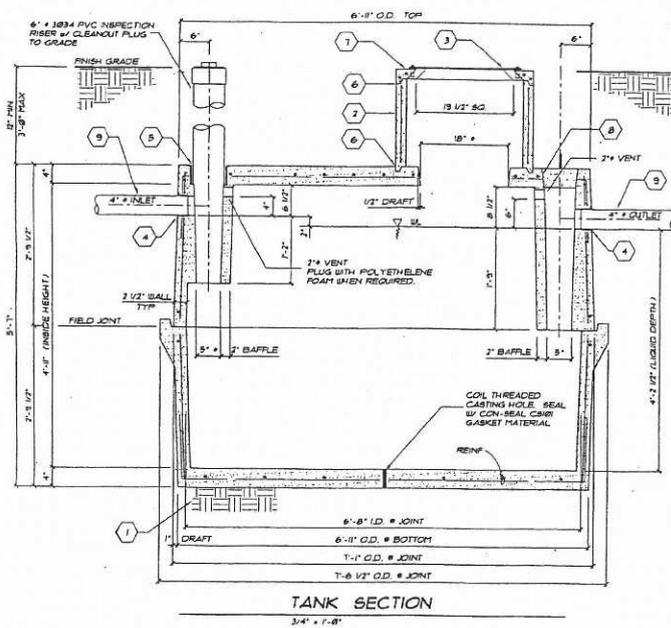
Relative Elevation

Description

100.00			Ground Elevation at Septic Tank
98.00			Top of Septic Tank
97.13			Inlet Elevation
96.97			Outlet Elevation
92.42			Prepared Base of Septic Tank (2" leveled gravel)
100.00			Ground Elevation at Dosing Tank
97.50			Top of Dosing Tank
96.46			Inlet Elevation
91.92			Prepared Base of Dosing Tank (2" leveled Gravel)
100.37			SE Corner Before Excavation
99.94			SW Corner Before Excavation
101.21			NE Corner Before Excavation
99.92			NW Corner Before Excavation
102.21			Sand Filter Elevation Top of Crown
97.41			SE Corner After Excavation
97.41			SW Corner After Excavation
97.41			NE Corner After Excavation
97.41			NW Corner After Excavation
92.50			Base of Dosing Tank Pump
101.19			Sand Filter Lateral Elevation
95.91			Base of Sand Filter Pump Elevation
Initial Drainfields Laterals 162' staked out/ 150' of Low-Pressure D.F. to be installed			
100.30	100.31	100.30	Ground Elevation at Lateral L1 - Pink
99.70	99.70	99.70	Ground Elevation at Lateral L2 - White
99.28	99.30	99.28	Ground Elevation at Lateral L3 - Green
Replacement Drainfield Laterals 154' staked out onsite for reserve			
98.13	98.13	98.13	Trench Elevation at Lateral R1 - Green
97.49	97.49	97.50	Trench Elevation at Lateral R2 - Pink
96.88	96.87	96.87	Trench Elevation at Lateral R3 - White

General Notes					
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Project Name: </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> 6931 SE 267th Gresham, OR, 97080 </div> <div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-right: 1px solid black;">Date: 02-03-14</td> <td style="width: 33%; border-right: 1px solid black;">Scale: N.T.S.</td> <td style="width: 33%;"></td> </tr> </table> </div>			Date: 02-03-14	Scale: N.T.S.	
Date: 02-03-14	Scale: N.T.S.				

14-114550 SP



- 1 TANK TO BE PLACED ON LEVEL NATIVE MATERIAL WITH NO PROTRUDING ROCKS. OPTIONAL 1" SAND LEVELING COURSE OR 4" OF 3/4"-8 COMPACTED ROCK LEVELING COURSE.
- 2 REINFORCED CONCRETE RISER AND LID CAP. 6" RISER INCREMENTS FROM 12" MIN TO 36" MAX.
- 3 1/4" STEEL LID WITH METAL PRIMER. SEE DETAIL. ATTACH TO CONCRETE RISER CAP WITH 4- 1/4" x 3/8" BOLTS IN THREADED PLASTIC CONCRETE INSERTS BY CONNECTING SYSTEMS, INC.
- 4 4" TYLER 5V4 NEOPRENE (ASTM C-564) COLLAR CAST INTO CONCRETE.
- 5 6" TYLER 5V6 NEOPRENE (ASTM C-564) COLLAR CAST INTO CONCRETE.
- 6 SEAL RISER TO TANK AND RISER CAP TO RISER WITH 3/4" x 3/4" CONTINUOUS BUTYL CAULK AROUND EACH. CON-SEAL CS81 OR EQUAL.
- 7 LID SEAL. 5/16" THICK SPONGE WEATHERSTRIP WITH ADHESIVE BY ALVECO. WEATHERSTRIP SHEET TO COVER COMPLETE UNDERSIDE OF STEEL LID.
- 8 SEAL CONCRETE PLUG OVER OUTLET TO TANK WITH 3/4" x 3/4" CONTINUOUS BUTYL CAULK AROUND. CON-SEAL CS81 OR EQUAL.
- 9 USE 4" PVC SCHEDULE 40 INLET AND OUTLET PIPE WITHIN TANK EXCAVATION LIFTHS.

anti buoyancy required



MICHAELS' PRECAST CONCRETE
 BORING, OREGON
 33175 S.E. HWY 211
 (503) 688-4073

1000 GAL SEPTIC TANK SECTIONS

Revision		
No.	Description	Date
For use on plans: _____ _____ _____		
6938 SE 267th Gresham, OR, 97080		
Date	By	No.
02-03-14	N.T.S.	12

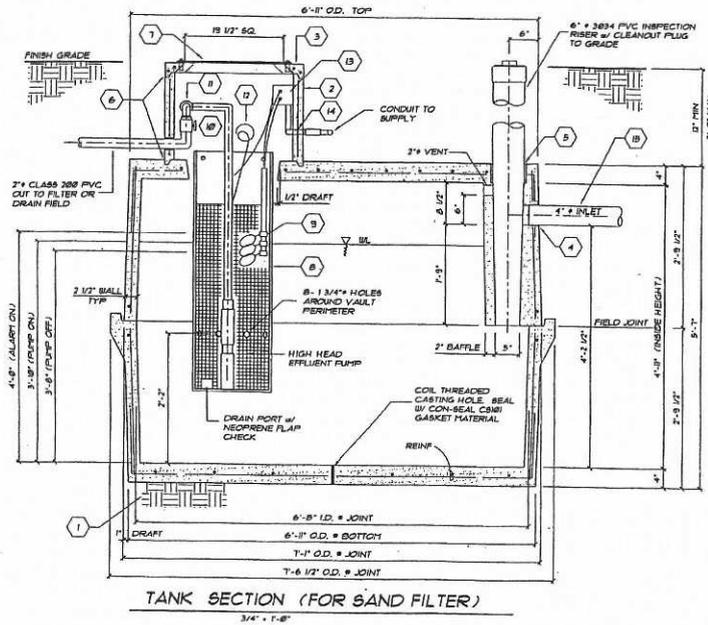
14-11452058

Timer Settings; 31 sec. on/ 59.29 min. off
 Override 31 sec on/ 29.29 min off

Alarm = 18.3" - 150 Gallons Above Alarm
 On/ Off = 27" - 191 Gallons Surge Capacity
 R/O = 29" Vault Inlet Holes = 17" above tank bottom

18.75 Gallons Pumped within
 31 seconds on the On/ Off Float

FLOATS = 3A Floats



- 1 TANK TO BE PLACED ON LEVEL NATIVE MATERIAL WITH NO PROTRUDING ROCKS. OPTIONAL 2" BAND LEVELING COURSE OR 4" OF 3/4"-8 COMPACTED ROCK LEVELING COURSE.
- 2 REINFORCED CONCRETE RISER AND LID CAP. 6" RISER INCREMENTS FROM 12" MIN TO 36" MAX.
- 3 1/4" STEEL LID WITH METAL PRIMER. SEE DETAIL. ATTACH TO CONCRETE RISER CAP WITH 4- 1/4" x 5.5. BOLTS IN THREADED PLASTIC CONCRETE INSERTS BY CONNECTING SYSTEMS, INC.
- 4 4" TYLER SV4 NEOPRENE (ASTM C-564) COLLAR CAST INTO CONCRETE.
- 5 6" TYLER SV6 NEOPRENE (ASTM C-564) COLLAR CAST INTO CONCRETE.
- 6 SEAL RISER TO TANK AND RISER CAP TO RISER WITH 3/4" x 3/4" CONTINUOUS BUTYL CALK AROUND EACH. CON-SEAL CSMB OR EQUAL.
- 7 LID SEAL 5/16" THICK SPONGE WEATHERSTRIP WITH ADHESIVE BY ALVECO. WEATHERSTRIP SHEET TO COVER COMPLETE UNDERSIDE OF STEEL LID.
- 8 ORENCO SCREENED PVC VAULT SV5-48 WITH POLYETHYLENE SCREEN BY ORENCO SYSTEMS, INC. OR APPROVED ALTERNATE.
- 9 LEVEL CONTROL FLOAT ASSEMBLY.
- 10 2" GATE VALVE.
- 11 2" PVC UNION.
- 12 NYLON ROPE FOR PUMP REMOVAL.
- 13 WATERTIGHT ELECTRICAL CONNECTION BOX.
- 14 SEAL ELECTRICAL CONDUIT AND PRESSURE PIPE PENETRATIONS TO RISER WITH CONSPREC ALL-PATCH CONCRETE PATCHING MORTAR BY CONSPREC MANUFACTURING INC.
- 15 USE 4" PVC SCHEDULE 40 INLET PIPE WITH IN TANK EXCAVATION LIMITS.

sub buoyancy required.



1000 GAL
 DOSING SEPTIC TANK
 SECTIONS
 MICHAELS' PRECAST CONCRETE BORING, OREGON
 35175 S.E. HWY 211
 (503) 688-4073

RECEIVED
 JAN 04 2002
 Water Quality Division
 Dept. of Environmental Quality
 Water Quality Division
 Dept. of Environmental Quality

14-114550 SP

General Notes		
No.	Revised/Date	Title
6932 SE 267th Gresham, OR, 97080		
Date	Scale	
02-03-14		13
N.T.S.		



Land Use & Transportation
 1600 SE 190th Ave, Ste 116
 Portland OR 97233
 Ph: 503-988-3043 Fax: 503-988-3389
 multco.us/landuse

04/18/2014 12:42PM 000001 #804:

CD11 KATHY
 PERMITS-TYPE 1 \$6.10
 PERMITS-TYPE 1 \$6.10
 PERMITS-TYPE 1 \$6.10
 INSPECTIONS \$82.00
 OF CARD #143-00

BP-2014-3442

BUILDING PERMIT REVIEW

Multnomah County Land Use Planning and Right-of-Way have reviewed the attached site and building plans. City Building Permit personnel may "sign off" on the corresponding lines of this review form. Please include in the appropriate message areas all comments and conditions that must be seen by **plans examiners and building inspectors**. All boxes must have signatures before submitting to the Building Department of either Portland (West County) or Gresham (East County).

Building Permit Description: new 3,003 square foot single family dwelling with attached garage

Property Address: 6932 SE 267th Ave

Contact Person: Ilya Zagaryuk Phone # 503-998-2415

Alternate account #(R) 99324 0650 **Map tax lot #:** 1S3E24BA-04200

Use of structure: single family dwelling # of dwelling units: 1

Zoning: MVA 20 **Related Case Number(s):** _____

Land Use Planning Signature [Signature]
 Notes: Date: 4.18.14

Right-of-Way Row Permit submitted 4/18/14
 Notes: and to be issued. Signature [Signature]
 Date: 4/19/14

City of Portland Sanitarian Signature [Signature]
 Date: 4/21/14

Final site inspection by Planning or Right-of-Way required prior to structure being occupied. YES/NO
 (Circle one) Signature _____
 Date: _____

Note to Building Official:

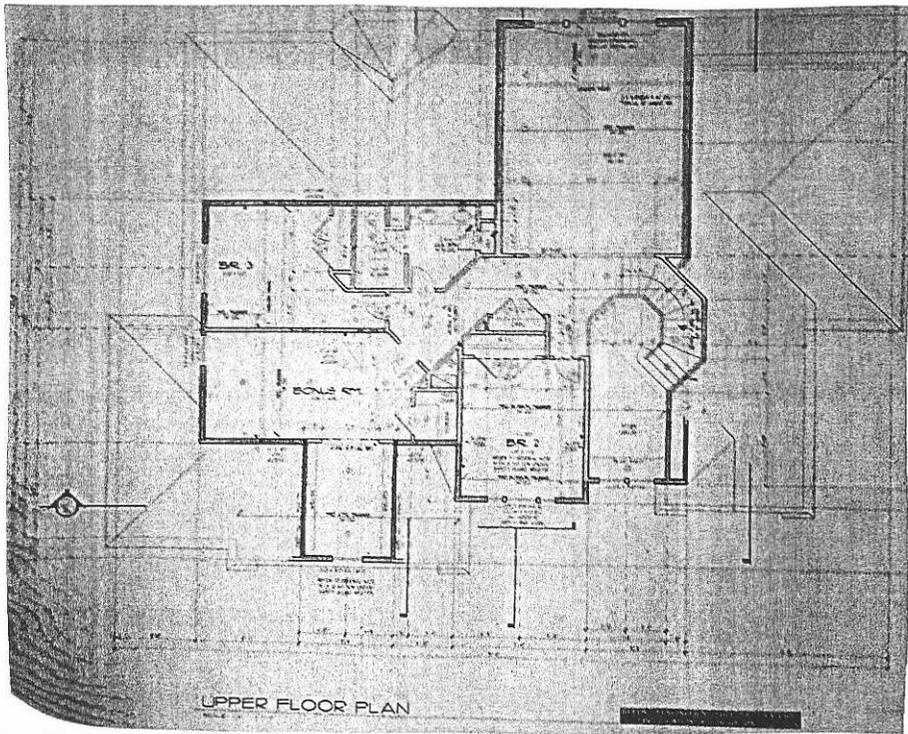
STAFF USE:

Copies for Applicant to take to City:

- ❖ this form (Completed and Signed)
- ❖ tax account information printout
- ❖ assessor's map (property highlighted)
- ❖ County stamped site plans: 4 for Portland, 2 for Gresham
- ❖ sets of Building Plans: 4 for Portland, 2 for Gresham
- ❖ copy of "Decision" Conditions of Approval if there is a related case.

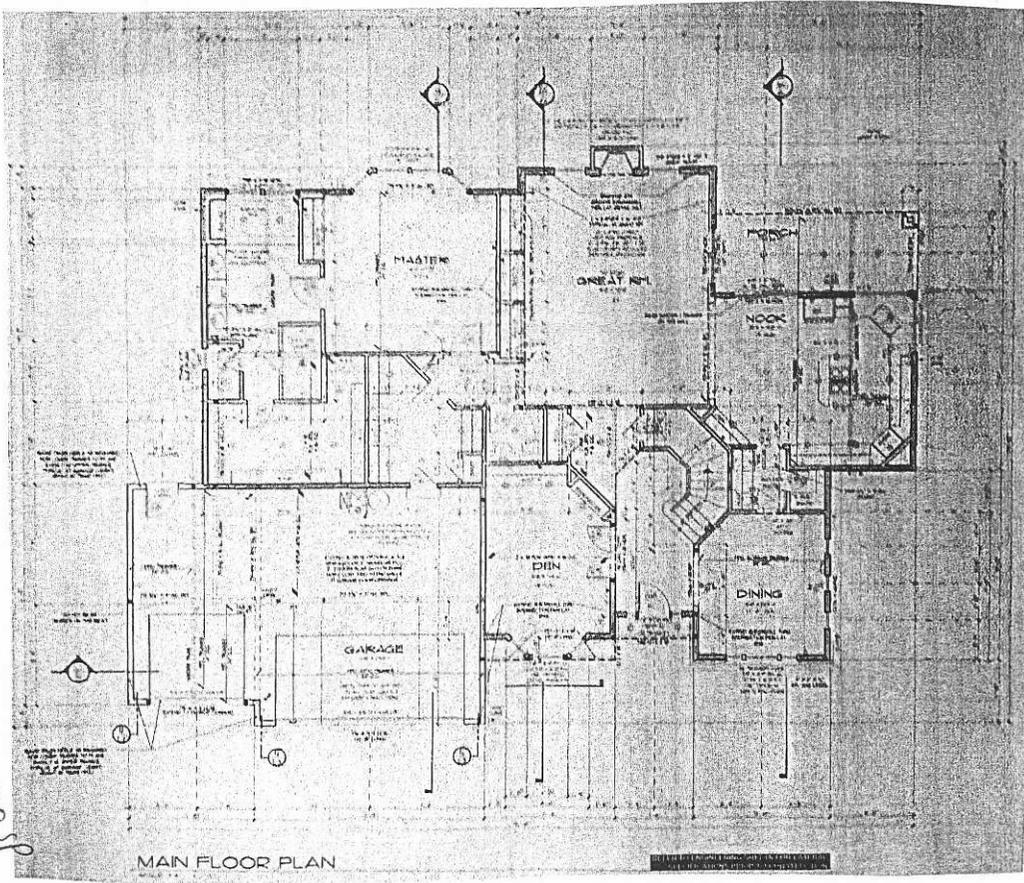
Copies to County files:

- ❖ this form
- ❖ tax account information printout
- ❖ assessor's map (property highlighted)
- ❖ 2 stamped site plans, including grading
- ❖ 1 set of building plans that show relevant zoning standards, i.e. building height, floor plan, roof overhang, spark arrestor, fire retardant roof, etc.



SECOND FLOOR

UPPER FLOOR PLAN



FIRST FLOOR

MAIN FLOOR PLAN

FLOOR PLANS OF NEW SWERING
14-138882 SE

14-114550-58

02-05-14
NTS
4

6922 SE 26TH
Gresham, OR 97030

Scale: 1/8" = 1'-0"

NO.	DATE	BY

Scale: 1/8" = 1'-0"

A & B SEPTIC SERVICE

2 YEAR SANDFILTER CONTRACT

866-927-1156 CCB# 155581 FAX 541-917-1831 AandBSeptic.com

Parties: (Dealer or Service Provider)	NAME ADDRESS CITY, STATE, ZIP CODE TELEPHONE E-MAIL	A&B SEPTIC SERVICE PO BOX 444 ALBANY, OR 97321 541-924-0851 a_b_septic@hotmail.com
And: (Customer)	NAME ADDRESS CITY, STATE, ZIP CODE TELEPHONE E-MAIL	VITALY SNEGUR 1841 NW WONDERVIEW AVE. GRESHAM, OR 97030 503-381-2678 CELL stlsnegur@gmail.com
System Location:	ADDRESS CITY, STATE, ZIP CODE LEGAL DESCRIPTION	6932 SE 267TH GRESHAM, OR 97080
Permit:	REGULATORY AGENCY PERMIT NUMBER	CITY OF PORTLAND-MULTNOMAH COUNTY

Date: March 13, 2014

NOW, THEREFORE, in consideration of the terms, provisions, covenants and conditions contained herein, the Parties hereto agree as follows:

1.0 Performance of Services

A & B Septic Service from here on known as "Authorized Service Provider" shall perform the following marked services:

Clean all screens and filters	X
Pull all pumps, clean and reinstall	X
Calibrate pump and record pump cycles & times	X
Test floats, alarms and controls	X
Monitor solids level in main septic tank	X
Inspect all electrical connections	X
Record Amperage Draw on pumps	X
Record Squirt Height on Laterals	X
Monthly Flow Monitoring and Calculations at	X
No additional charge, customer to provide data	X
Hydro-jet and Power Flush sandfilter laterals	X
Inspect Drainfield	X

RECEIVED
MAR 26 2014
BDS
DOCUMENT SERVICES

14-114550-SP

A&B SEPTIC SERVICE

PO Box 444 • Albany, OR 97321
866-927-1156 • FAX 541-917-1861
a_b_septic@hotmail.com

March 13, 2014

Vitaly Snegur
1841 NW Wonderview Ave.
Gresham, OR 97030

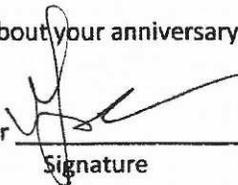
REF: SANDFILTER CONTRACT – 6932 SE 267th, Gresham

Vitaly:

To keep in compliance with DEQ and County rules you need to have a continuous O&M Service Contract on your Sandfilter System at all times. I am sending you a 2 year O&M Service Contract for your review. Also review Schedule "B" to see the maintenance the contract covers.

The service is billed annually on or about your anniversary date; **the first year is payable with the return of the signed contract.**

Annual payment of \$ 300.00 per year


Signature

3-13-14
Date

With this letter you will find:

1. A 2-yr Service Contract a signature page, please sign and return.
2. The payment page, please sign and return to us.
3. Schedule "B" listing the services covered by this contract.
4. The above documents must be returned within 10 days of the date of this letter.

If you have any questions please do not hesitate to call me at 866-927-1156 any time, we are here to help you whenever you need it.

Thank you for allowing A&B Septic Service to serve you, we appreciate your business.

Thank You,

Wendy Dixon

Wendy Dixon
ATT Administrator

The Authorized Service Provider will affix a "For Service, Call 866-927-1156 label near the control panel's alarm signal.

The Service Provider, shall perform the System Inspection during the 24-month period of this contract at:

6-month intervals 12-month intervals Other intervals _____

The Service Provider shall notify the owner in writing if any improper system operation cannot be remedied at the time of servicing. During system servicing the Authorized Service Provider shall make provisions for any needed effluent quality analysis such as color, turbidity, scum, and odor.

The Authorized Service Provider shall be responsible for submitting the Annual Report and Annual Evaluation Fee to the appropriate Regulatory Agency as required. The Annual Evaluation Fee set by Regulatory Agency shall be paid to the Authorized Service Provider within 10 days of receiving the Invoice for said fee.

2.0 Term of Agreement

This Agreement shall be for the period of 24 months.

3.0 Charges

The charges, which the Customer shall pay Service Provider for, the performance of Services shall be as described in **SCHEDULE A**. Service Provider may increase all or any of the charges for those Services described in Schedule A by giving the Customer written notice at least thirty (30) days before each yearly anniversary of the Effective Date of this Agreement.

4.0 Warranty

Service Provider warrants that all Services shall be performed in a good and workmanlike manner and that Service Provider will correct defects directly caused by Service Provider's failure to perform the Services and Additional Services in such manner.

5.0 Limitation of Liability

The sole liability of Service Provider under this agreement shall be to correct any errors, malfunctions or defects in the system directly caused by Service Provider's failure to perform any services in a good and workmanlike manner pursuant to Section 4 above; provided, however, in no event shall Service Provider's liability to the Customer hereunder exceed the total of the amounts paid to Service Provider hereunder by the Customer. In no event shall Service Provider be liable to the Customer or any third-party claimant for any indirect, special, punitive, consequential or incidental damages or lost profits arising out of or related to this Agreement or the performance or breach thereof, whether based upon a claim or action of contract, warranty, negligence or strict liability or other tort, breach of any statutory duty, indemnity, or contribution or otherwise, even if Service Provider has been advised of the possibility of such damages.

6.0 Termination/Cancellation

This Agreement may be terminated or canceled upon:

- Written notice by one Party effective as of the effective date thereof if the other Party is in default of any provision of this Agreement and such default is not cured by the defaulting Party within fifteen (15) days after the effective date of said notice from the non-defaulting Party or by the mutual written agreement of both Parties.

7.0 Miscellaneous Provisions

This Agreement is personal in nature and may not be delegated, assigned or transferred by either Party without the prior written consent of the other Party.

The laws of the State of Oregon shall govern this Agreement.

Any notice or other communication required or permitted to be given under this Agreement shall be in writing and shall be mailed by certified mail, return receipt requested, postage prepaid, addressed to the Parties at the addresses shown on the first page of this Agreement. Any notice or other communication shall be deemed given at the expiration of the second day after the date of deposit in the United States mail. The addresses to which notices or other communications shall be mailed may be changed from time to time by giving written notice to the other Party as provided in this Section.

Schedule A: Charges

The annual fee for services listed under Section 1 of the Agreement is \$300.00 per year, which shall be billed and payable within 30 days for each 12-month period of this agreement or anniversary thereof. Payment shall be made prior to performing the services specified within each 6 and/or 12-month period following the date the agreement is signed. The annual report and annual evaluation fee required by DEQ is **not** optional, and is **not** included in the cost of basic services.

Authorized Service Provider

Name: A&B SEPTIC SERVICE

By:

Its:

Wendy Dixon

ATT Administrator

Customer(s)

Vitaliy Snegov

OWNER

Schedule B: SERVICES

OWNER RESPONSIBILITIES

1. Visually inspect the system and disposal field **MONTHLY**

A&B SEPTIC SERVICE RESPONSIBILITIES

1. System Maintenance and Servicing performed **BI-ANNUALLY**

- A. Maintain Processing Tank

1. Measure sludge and scum
2. Check tank for pumping

- B. Maintain Pump Tank:

1. Inspect/clean pump as needed
2. Inspect/clean biotube as needed
3. Activate all floats
4. Check/record clarity (turbidity)
5. Check for odor (sniff)
6. Check for oily film (visual inside tank)
7. Check for foam (visual inside tank)
8. Check/record pH
9. Measure sludge and scum
10. Record motor amps
11. Record ETM's and event counters
12. Verify all timer settings
13. Check splice box

- C. Maintain Sandfilter

1. Inspect/clean laterals/orifices as needed
2. Check/record squirt height
3. Inspect for ponding

- D. Maintain disposal field

1. Visually inspect disposal field surface for ponding
2. Check liquid level in disposal field's monitoring ports if installed in system.
3. Flush laterals if designed according to DEQ.

- E. Reporting

1. Report to authorized representative any improper system function and date of correction.
2. Annual report to Regulatory Agency with Regulatory Agency Fee.
Homeowner will be invoiced for Regulatory Agency Fee.

- F. Alarm/Emergency Response

1. Service Tech on call 24 hours a day, 7 days a week.
2. Provide Emergency Response within 48 hours of service request



ONSITE SANITATION City of Portland – Bureau of Development Services
1900 SW 4th Avenue, Portland, Oregon 97201 – 503-823-7363 – TTY 503-823-6868 – www.portlandoregon.gov/bds

14-114550-SP 2/6/14
AP

INSTALLATION PERMIT APPLICATION

Category	
<input 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:	
Job Address: <u>6932 SE 267th AVE</u>	
City/State/Zip: <u>GRESHAM, OR, 97080</u>	
Street/Cross Street:	
Legal Description: <u>T1S R3E SEC 24 TL4200</u>	
Size/Acreage of Parcel: <u>1</u>	Domestic Water Source: Private <input type="checkbox"/> Public <input checked="" type="checkbox"/>
Project/System description:	
Site Evaluation Report - SER (LFS) # <u>24-13</u>	
Existing System: <u>N/A</u>	Existing # of Bedrooms <u>—</u>
Tank: <u>—</u>	
System Type: <u>—</u>	
Drainfield Dispersal Method: <u>—</u>	Lineal Feet <u>—</u>
Proposed System: <u>SAND FILTRATION</u>	
Proposed # of Bedrooms <u>3</u>	
Tank: <u>1000g. RSM SEPTIC & 1000g. RSM DOSING</u>	
System Type: <u>20'x18' INTERMITTENT SAND FILTER</u>	
Drainfield Dispersal Method: <u>1/2 PIPE GRASSES</u>	Lineal Feet <u>150'</u>
Installer	
Business Name:	
Installer Name: <u>Vidny Suebn</u>	
Address: <u>1841 NW Kenderick Ave</u>	
City/State/Zip: <u>Gresham, OR 97030</u>	
Phone: <u>503 381 2678</u>	FAX:
DEQ Lic #:	CCB#:
Authorized Signature: <u>[Signature]</u>	Date:
Applicant	
Name: <u>Vidny Suebn</u>	
Address: <u>1841 NW Kenderick Ave</u>	
City/State/Zip: <u>Gresham, OR 97030</u>	
Phone: <u>503 381 2678</u>	FAX:
E-mail:	
Signature: <u>[Signature]</u>	Date:
Sanitation Fees	
NOTE: DEQ surcharge applies to ALL installation permits	Subtotal <u>\$2804.00</u>
	DEQ Surcharge <u>\$100.00</u>
	TOTAL <u>\$2904.00</u>

Application Submittal Checklist
Applications must be complete with <u>all</u> the submittals indicated. Only complete application packets will be accepted for review. See back side for additional description of required submittal
FOR ALL PERMITS:
<input checked="" type="checkbox"/> Completed Application Form
<input type="checkbox"/> Completed Authorizing Representative Form
<input checked="" type="checkbox"/> Scaled, legible & detailed site plan
<input checked="" type="checkbox"/> Floor Plans
<input checked="" type="checkbox"/> DEQ approved tank spec sheet
<input checked="" type="checkbox"/> Water supply source & line location (<input checked="" type="checkbox"/> public <input type="checkbox"/> private)
<input checked="" type="checkbox"/> Property Address from Multnomah County
DRAINFIELDS:
<input type="checkbox"/> Land Use Approval – new construction & alteration permits only
<input checked="" type="checkbox"/> Beginning, middle & end elevations of each line
<input checked="" type="checkbox"/> Drainfield material type
<input checked="" type="checkbox"/> Test pit location(s) on SAME site plan
<input checked="" type="checkbox"/> Pump calcs & selection (as applicable)
<input checked="" type="checkbox"/> Sand Filter construction details (as applicable)
Advanced Treatment Technology (ATT)
<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		\$ 2,064
Sand Filtration	1	\$ 2,804
Advanced Treatment Technology		\$ 2,804
Capping Fill		\$ 2,804
Pressure Distribution		\$ 2,804
Seepage Trench		\$ 2,064
Tile Dewatering		\$ 2,804
Gray Water Waste Disposal Sump		\$ 1,057
Other (Redundant and Steep Slope)		\$ 2,064
Single Family (Repair/Replacement Permit)		
Septic Tank (only) – minor		\$ 450
Septic Tank/Standard Drainfield – major		\$ 909
Septic Tank/Non-Standard Drainfield – major		\$ 1,235
Commercial/Multi-Family Construction – (New Installation Permit)		
Standard Septic Tank/Drainfield		\$ 2,064
Sand Filtration		\$ 2,804
Advanced Treatment Technology		\$ 2,804
Alternative & Non-Standard System		\$ 2,804
Holding Tank		\$ 2,064
Commercial/Multi-Family (Repair/Replacement Permit)		
Septic Tank (only) – minor		\$ 1,057
Septic Tank/Standard Drainfield - major		\$ 2,064
Alternative & Non-Standard System		\$ 2,804
Holding Tank		\$ 2,064
Large Systems (over 601-2,500 gpd)		
Plan Review		\$ 1,241
Additional charge per 500 gallons (# of 500 gallons)		\$ 262
Alteration Permit (expansion/relocation)		
Septic Tank/Drainfield – major		\$ 2,074
Septic Tank (only) – minor		\$ 1,057
Reinspection fee		
Reinspection Fee (commercial or residential)		\$ 222
Reinstatement, Renewal or Permit Transfer		
With Site Visit		\$ 1,231
Without Site Visit		\$ 535
Miscellaneous		
Third and Subsequent Checksheets		\$ 202
Work without Permit (two times the permit fee)		
DEQ Surcharge		
DEQ Surcharge	1	\$ 100

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