D.C.
7

Received
MAY 01 2025
Benton Co Health Unit

Receipt Number
27571085

Arkansas Department of Health
Environmental Health Protection

Individual Onsite Wastewater System Permit Application

Fee Schedule for Structures		√
Structures 1500 sq ft or less	$ 30.00	☐
Structures more than 1500 sq ft and up to 2000 sq ft	$ 45.00	☒
Structures more than 2000 sq ft and up to 3000 sq ft	$ 90.00	☐
Structures more than 3000 sq ft and up to 4000 sq ft	$120.00	☐
Structures more than 4000 sq ft	$150.00	☐
Alteration and Repair	$ 30.00	☐

Permit Type: ☒ New Installation ☐ Alteration / Repair

DR Environmental ID #: 7 6 0 1 0 8 9 7 7 6

Part 1 Application

Treatment Type (check one)
- ☒ STD = Standard Septic Tank
- ☐ ISF = Intermittent Sand Filter
- ☐ PMF = Proprietary Media Filter
- ☐ OTH = Other (Describe)
- ☐ ATU = Aerobic Treatment Plant
- ☐ RSF = Re-circulating Sand Filter
- ☐ RGF = Re-circulating Gravel Filter
- ☐ HLD = Holding Tank

Disposal Method (check one)
- ☒ STD = Standard Absorption Field
- ☐ SUR = Surface Discharge
- ☐ CPF = Capping Fill
- ☐ OTH = Other
- ☐ LPD = Low Pressure Distribution
- ☐ HLD = Holding Tank
- ☐ SRL = Serial Distribution
- ☐ DRP = Drip Irrigation

1. Owner's/Applicant's Name: ~~OLIVER BUILDERS LLC~~ R6 Construction Howard Joyce — 2. Phone Number: ~~217 316 0765~~ 979-841-7856

3. Mailing Address: 7500 WESTMINSTER PL FORT SMITH AR 72903 — 4. County: BENTON

#7

5. Address of Proposed System (If a 911 address is not available, attach detailed directions or map): LUTON LANE BELLA VISTA 72714

6. Subdivision Name	7. Approval Date	8. Date Recorded	9. Lot Number
BEDFORD LOT 23, BLOCK 5	1967	1967	LOT 23, BLK 5

10. Lot Dimensions	11. Total Area (Acres)	12. # Bedrooms # People	13. Daily Flow (GPD)
65.14' x 24.78' x 145.85' x 67.94' x 192.63'	0.275 ACRES	2 BEDROOMS	300

14. Parcel Number or Brief Legal Description of Property (Attach a separate sheet of paper, if necessary): PARCEL # 16-03608-000 17-21-30

15. Water Supply (Specify supplier, if Public Water): BELLA VISTA

16. GPS Coordinates: 36.487711 94.195737

17. Loading Rates	(gpd/ft²)	18. System Specifications			f. Trench Depth		inches	
Primary Area	0.75	a. Size of Septic Tank	1250 Combo	gal		18		
Secondary Area	NA	b. Size of Dose Tank	250	gal	g. Trench Spacing	10	feet	
Percolation Test	(min/in)	c. Absorption Area	444	ft²	h. Trench Media (List Below)		I. Trench Width	
Primary Area Avg	NA	d. Number of Field Lines	5		ASTM D2729		24	in
Secondary Area	NA	e. Length of Field Lines	38, 42, 49, 47, 46	ft	EASY FLOW 1201		18	in

TO THE OWNER

The permit for construction may be deemed invalid by the local Environmental Health Specialist before the start of construction, if the site and/or soil conditions have changed after approval of this permit, or if the information within this permit is inaccurate or has been found to be misrepresented. Approval for operation does not constitute a guarantee that the system will function properly. The approval states that the system was designed and installed according to the Arkansas Department of Health, Rules Pertaining to Onsite Wastewater Systems, unless there are exceptions or deviations noted in the comments. A Permit for Construction is valid for one (1) year from the date of approval. The authorized agent must revalidate a permit more than one (1) year old prior to the start of any construction.

19. Utilization Verification

I hereby attest that item 12, the number of bedrooms (number of persons for commercial) and square footage of the structure that will utilize the designed individual onsite wastewater system in this permit application, is accurate. I have reviewed the permit application and understand the layout, installation, maintenance, operation and expense(s) that may be associated with this system.

Owner/Applicant/Developer/Designated Representative Signature — Date 4/25/25

20. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems.

Designated Representative Signature — Title R.S. — Soil Certified ☒ Yes ☐ No

Print Name: ELIZABETH ANDREWS — Date 4/30/25 — Phone Number 479-531-6007

21. Approval of Health Authority

The information and specifications in this application have been reviewed and found to meet the requirements of the Arkansas Department of Health Rules Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.

Environmental Specialist Signature — EHS Number 934 — Date 5/7/25

EHP-19 (R 9/24) Page 1 of 2

Reval by Elizabeth Andrews on 9-21-26 see ATCH.

Individual Onsite Wastewater System Permit Application

Receipt Number
27571085

22. Soil Criteria (Primary Area)			Indicate the depth to items a-f, if observed in the soil (designate in inches)				
a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft²)
NA	NA	36"	NA	36"	NA	MOD	0.75

23. Soil Criteria (Secondary Area)			Indicate the depth to items a-f, if observed in the soil (designate inches)				
a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft²)
NA	NA	NA	NA	NA	NA	NA	NA

24. Seasonal Water Table (SWT) Classes Detail

Primary Area		List Redoximorphic Features and/or Clay Content Restrictions
Brief	in	
Moderate 36	in	CHROMA 2's
Long	in	

Secondary Area		List Redoximorphic Features and/or Clay Content Restrictions
Brief	in	
Moderate	in	
Long	in	

Comments HYDROSPLITTER
SOILS BY BUCHANAN
MC #934 5/5/25
flags ✓ mapped Nixa.
Agree with DR soils.

Part 2 Installation Inspection

Septic tank manufacturer	Pump information
Septic tank material	Trench media and width
Dose tank manufacturer	Depth of interceptor drain
Dose tank material	Depth of settled fill

Name of Installer	License Number

Installation Inspected by (check one or installer signs System Installation Verification below) ☐ Environmental Health Specialist ☐ Designated Representative (original submitter)

Signature | EHS / License Number | Date

System Installation Verification
I have installed this system as designed and in compliance with all Rules and Regulations Pertaining to Onsite Wastewater Systems.

Installer Signature | License Number | Date

Part 3 Permit for Operation

The information contained in Part 1 and 2 of this form has been reviewed and found to meet the requirements of the Arkansas Department of Health. THE PERMIT FOR OPERATION of this system is hereby issued.

Environmental Health Specialist
Signature | EHS Number | Date

Comments

Site Revalidation conducted by (check one) ☐ Environmental Health Specialist ☐ Designated Representative (original submitter)

Signature | EHS / License Number | Date

Bobbi Buchanan
14172 Dartmoor Drive
Bentonville, Ar. 72712
Ph# (479) 855-6314
Fax (479) 855-7490

November 14, 2024

Oliver Builders LLC
7500 Westminster Place
Fort Smith, AR 72903

Re: Lot 23 Block 5 Bedford
Bella Vista, AR
Parcel #16-03608-000

Dear Elizabeth,

A soil morphology pit was evaluated at the above referenced property on November 11, 2024. The results follow:

36" Moderate Seasonal Water Table
>36" Bedrock
.75 loading rate Gal/sq. Ft. (10' centers)
200 Linear feet will be required for a two-bedroom home
300 Linear feet will be required for a three-bedroom home

This is suitable soil for a septic system. This analysis is for the purpose of evaluating soil suitability for sewage disposal. The linear footage required for this soil is shown above. It is only the first step in determining what will fit on the property. The contours are somewhat limiting. As we discussed, a survey/topo should be done to determine what size home can be built.

There are many variables to planning a building and septic system including lot topography, size of the building and other additions and size of the lot. No system can be approved or installed without a valid permit from the local Health Department.

If I can be of further assistance, please contact me.

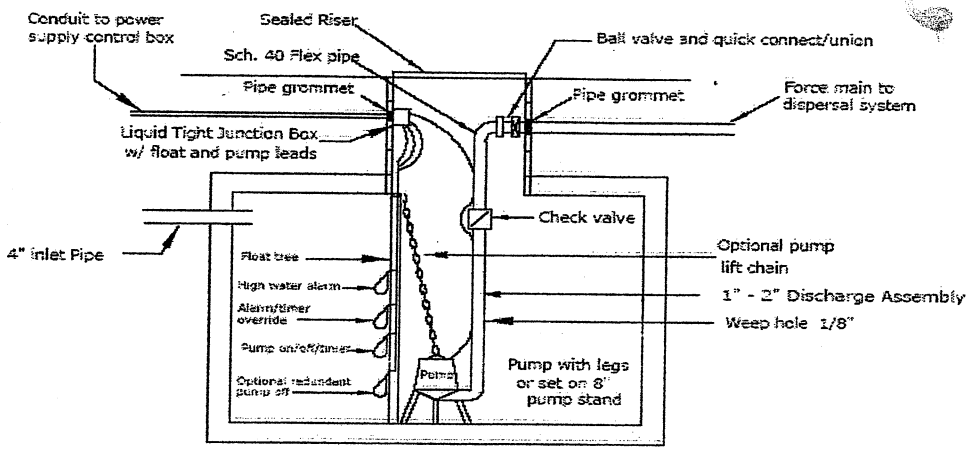
Sincerely:

Bobbi J. Buchanan

Bobbi T. Buchanan
Designated Representative

Standard Pump / Dose Calculation Worksheet

Pump Tank



To calculate Gallons per minute:

1. Gallons per day ÷ loading rate 444 sq ft. (Example: 370 gpd ÷ .75 = 493.33 or 494 sq. ft)

2. Square footage required for system x dose rate. Specify Dose Rate 25% FT ~~gal/ sq~~. ft (Max dose rate is .25 gal/ sq.ft.)

(Example: 494 sq. ft x .15 gal/sq.ft = 74.1 gal dose) 55 gal per dose.

3. Take dose rate and ÷ by number of minutes for pump run time = 5.5 gpm calculated. Recommended minimum pump run time is 2 minutes. Calculated pump run time 10 minutes per dose. Check manufacturer for best optimal run duration.

(Example: 74.1 gal/dose ÷ 4 minutes = 18.53 or 19 gpm)

To calculate Total Head:

1. Ground elevation of distribution device 0.5 - (minus) Ground elevation pump/ dose tank 2.8 = 2.3

+ "Pump off" elevation in dose chamber / tank to ground (typically 4.25 ft) 6.55 = (Elevation / Static Head)

2. Distance to be pumped 30 Pipe Size: 2". Calculate Friction Loss (Use Table on back of page)

0.08 Friction loss.

3. Add additional headloss for distribution device if not using d-box: 5. Attach calculation sheet for the device.

4. Total Head (TDH) 11.63. (Elevation / Static Head) + Friction Loss + Distribution device (if needed) = Total Head)

Pump Selected (brand, model) ZOELLER BN53 Attach pump curve and spec sheet.

Alarm Selected (brand, model) ZOELLER 10-0123 Attach spec sheet.

Calculate Drawdown: Maintain enough effluent to cover the pump.

Length" x Width" x 1" ÷ 231 = Gallons per inch (Example 72" x 16" x 1" = 1152[3] inches ÷ 231 = 4.98 or 5 gals/ inch)

Drawdown: 4.25 gallons per inch in tank. **Drawdown in inches per dose** 12.9.

Set pump float and alarm float. (Maintain a minimum of 1 inch difference between the pump "on/off" float and the alarm float.

NOTE: Gallons per inch may vary between tanks/pump chambers by different manufacturers.

Friction Loss Per 100 Feet of SCH 40 Plastic Pipe
Nominal Pipe Diameter

GPM	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
1	2.08	0.51	-	-	-	-	-	-
2	4.16	1.02	0.55	0.14	0.07	-	-	-
5	23.44	5.73	1.72	0.44	0.22	0.066	0.015	-
7	43.06	10.52	3.17	0.81	0.38	0.11	0.021	-
10	82.02	20.04	6.02	1.55	0.72	0.21	0.03	-
15	-	42.46	12.77	3.28	1.53	0.45	0.07	-
20	-	72.34	21.75	5.59	2.61	0.76	0.11	0.03
25	-	-	32.88	8.45	3.95	1.15	0.17	0.04
30	-	-	46.08	11.85	5.53	1.62	0.23	0.06
35	-	-	-	15.76	7.36	2.15	0.31	0.08
40	-	-	-	20.18	9.43	2.75	0.41	0.11
45	-	-	-	25.1	11.73	3.43	0.51	0.17
50	-	-	-	30.51	14.25	4.16	0.61	0.16
60	-	-	-	-	19.98	5.84	0.85	0.22
70	-	-	-	-	-	7.76	1.13	0.31
75	-	-	-	-	-	8.82	1.28	0.34
80	-	-	-	-	-	9.94	1.44	0.38
90	-	-	-	-	-	12.37	1.8	0.47
100	-	-	-	-	-	15.03	2.18	0.58

********* Don't forget to add 20% for fittings********

FORMULA: Force main + 20% ÷ 100 x friction loss

Force main 30 ft x .20 = 6 + force main 30 = equivalent pipe length 36

Equivalent pipe length 36 ÷ 100 = 0.36 x Friction loss 0.24 = Friction Headloss 0.08

Example: 125 ft of 2in SCH 40 at 25 gpm

125 ft x .20 (fitting loss) = 25 ft + 125 = 150 ft (equivalent pipe length) ÷ 100 = 1.5 x 1.15 = 1.73 ft of Friction Headloss

Take answer and apply to front of worksheet.

Helpful conversion factors:

1 acre = 43,560 Sq. Ft. (ft^2) Inches ÷ 12 = Tenth of Foot (Ex. 6 in. ÷ 12 = 0.5 Ft.)

231 cubic inches = 1 gallon of water 1 Cu. Ft. of Water weighs = 62.4 lbs. 1 Cubic Yard = 27 Cu. Ft. (3 x 3 x 3)

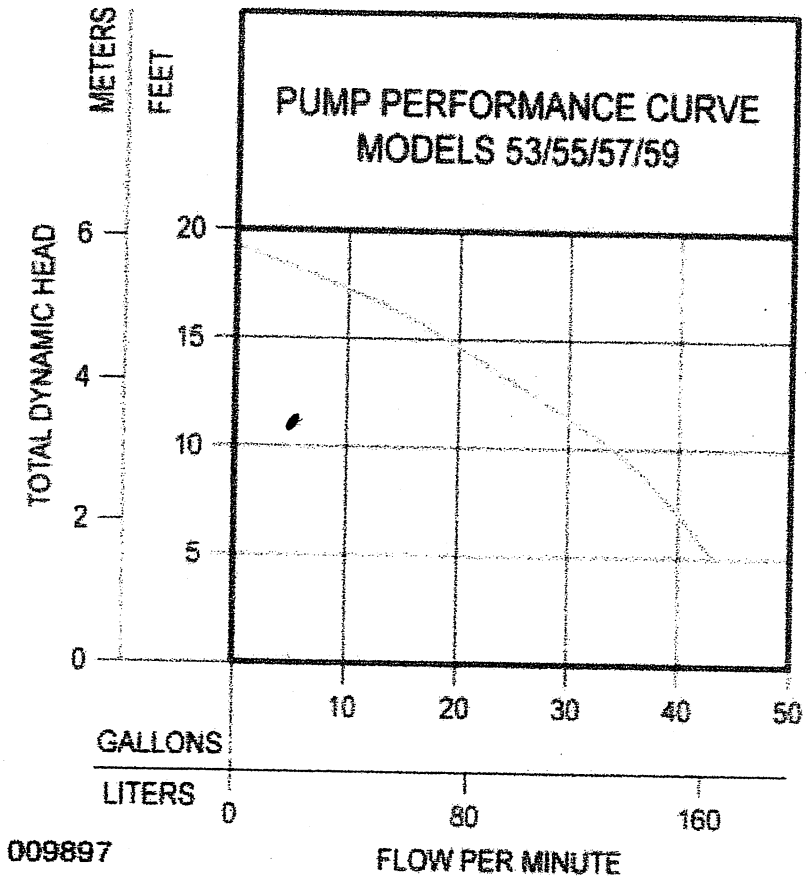
1 Gallon of Water weights = 8.34 lbs. 1 Cu. Ft. = 7.48 gallons Volume, gallons = ft^3 x 7.48

Volume for a Rectangle
Volume, cu. ft. = L x W x d
(L = length; W = width; d = depth of water in tank)

Volume for a Pond
Volume, ft^3 = 43,560 x acres x depth

Volume for a circle
Volume, cu. ft. = 3.14 x r^2 x d (d=depth of water in tank)
Volume, cu. ft. = 0.785 x D^2 x d

VER 1.0 (10/07)


PUMP PERFORMANCE CURVE
MODELS 53/55/57/59
METERS
FEET
TOTAL DYNAMIC HEAD
6
4
2
0
20
15
10
5
10
20
30
40
50
GALLONS
LITERS
0
80
160
FLOW PER MINUTE
009897

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Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

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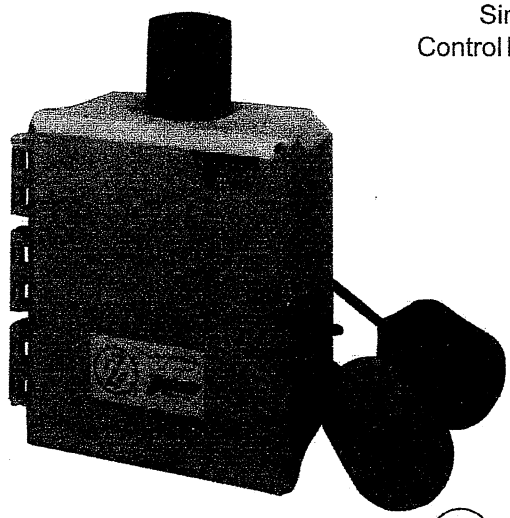
SECTION: 4.10.005
FM1596
1097
Supersedes
New

ELECTRICAL CONTROL PANEL - FOR SIMPLEX INSTALLATIONS

An Electrical Control Panel is used on a Simplex pump application where automatic electrical cycling of the pump is desired for added protection in residential or commercial applications. A Control Panel is required for all systems using a nonautomatic pump. The built-in alarm system, a standard feature, can be connected to sound when the water level becomes unusually high. All electrical systems must be installed by a qualified electrician and according to the National Electrical Code. (See Section 430-71 though 430-113, plus any others that apply.)

SINGLE PHASE CONTROL PANEL FEATURES

- 115-208-230 Volt/Single Phase.
- Clear dead front panel.
- Equipment disconnect.
- Motor contactor and dry auxiliary contact with Model 10-0125.
- NEMA 4X enclosure.
- Top mounted alarm light.
- Alarm horn.
- Pump run indicator light.
- Horn silence/alarm test toggle switch.
- HOA switch.
- Float switches included.
- Complete installation instructions included.
- U.L. listed for US & Canada.
- 2 Year Warranty



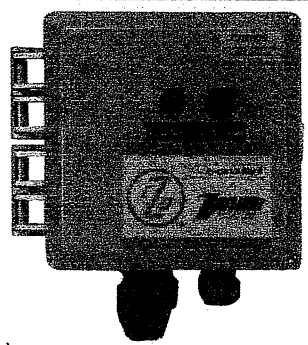
Simplex Control Panel

Model 10-0323

SINGLE PHASE CONTROLLER FEATURES (P/N 10-0333)

- 115-208-230 Volt Single Phase.
- Motor contactor.
- NEMA 4X enclosure with hinged cover.
- Pre-installed cord seals.
- Terminal strip.
- Run light and HOA switch on cover face.

NOTE: 600 and 700 Series single phase pumps require special panels that include start components. See Selection Guide FM1228 for correct panel selection.



Simplex Controller

Model 10-0333
(With Cord Seals)

SINGLE PHASE SIMPLEX PUMP CONTROL/ALARM SYSTEM				
Model #	**Volts**	**Pump FLA**	**Float Switches**	**Alarm Voltage**
10-0323	115V 208-230V	15 Amps	Single float pump switch (included) Control switch (included)	120V AC, 60 HZ 40 Watts Maximum During Alarm Condition
10-0123 10-0124	115V 208-230V	15 Amps	Double piggyback float switch (included) Control switch (included)	
10-0125	115V 208-230V	20 Amps	3 Control switches (included)	
10-0333	115V 208-230V	25 Amps	Use a single 10-0034 or a double 10-0229 variable level float switch or 2 Control switches 10-0225 (not included)(1)	Alarm not Included

(1) Alarm Float Switch not included, purchase separately. See FM0526

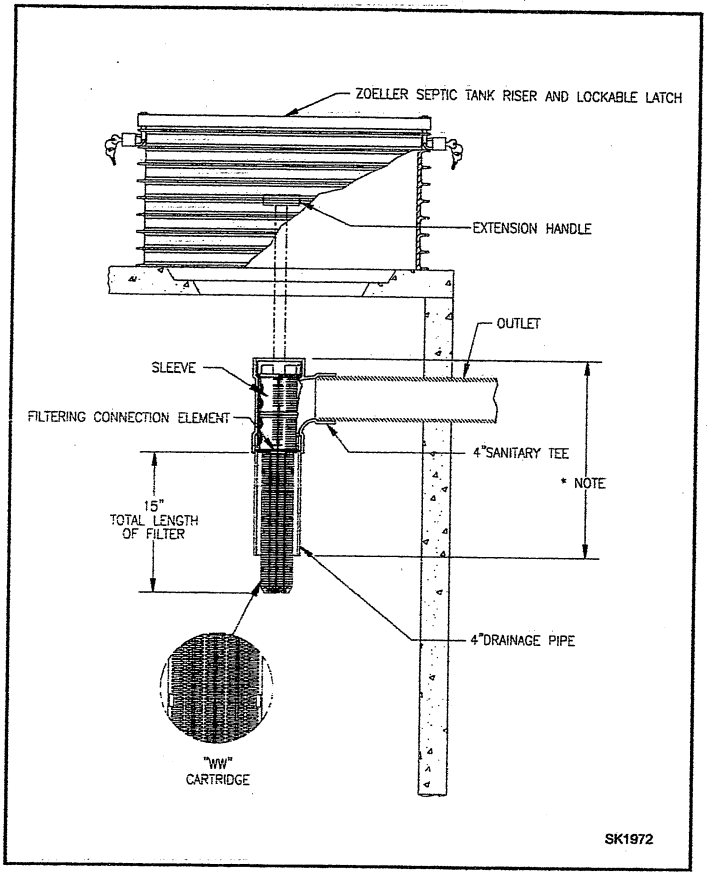
Zoeller Residential Septic Tank Effluent Filter Specifications

Application: Single family homes.

Filter Area: 122 Linear Feet of 1/16" filtration.

Flow Rate: 1000 gpd.

Material: All materials are noncorrosive in the septic tank environment.



Easy to install or retrofit: The Zoeller Septic System Filter fits inside any 4" sanitary tee. Slide the filter cartridge into the filter sleeve. Lock the cartridge and sleeve together by holding the sleeve stationary and rotating the cartridge clockwise. Slide the assembled cartridge and sleeve into the sanitary tee at the tank's outlet. Ensure the sleeve latch is pointing toward the outlet of the septic tank before filter placement into the tee. The drain field is now protected from solids greater than 1/16".

Easy to maintain: The filter cartridge can be maintained by rotating the cartridge counterclockwise and removing for cleaning. The sleeve should remain in the sanitary tee while cleaning the cartridge. To clean the cartridge, hold cartridge over septic tank opening and thoroughly rinse with hose until clean, washing filtered trash back into septic tank. After cleaning the cartridge, it is imperative that the sleeve be cleaned inside and out, by reinserting the cartridge; turning it clock wise in the sleeve and removing the sleeve from the sanitary tee. The Zoeller filter should be cleaned each time the septic tank is pumped or when the need is indicated by slow flows from the house. More frequent cleanings will not hurt the filter and could even improve the performance of your septic tank. For installations that exceed the design flow rate of the filter, more frequent cleanings may be required or manifold more than one sanitary tee to accept more than one filter.

Lifetime Warranty: Every Zoeller filter is guaranteed to be free from defects in materials and workmanship for the lifetime of the homeowner/purchaser. Free repair or replacement, excluding labor, will be made on return of the filter prepaid to the factory. This warranty is limited to product proven to be free from abuse or improper installation.

***NOTE:** State and local plumbing codes may require a specific liquid penetration. For example, 25% - 45% into the liquid depth or 9" off the tank bottom.

ALL ZOELLER ON-SITE WASTEWATER PRODUCTS MUST BE INSTALLED IN ACCORDANCE WITH LOCAL AND/OR STATE PLUMBING AND/OR HEALTH DEPARTMENT CODES.

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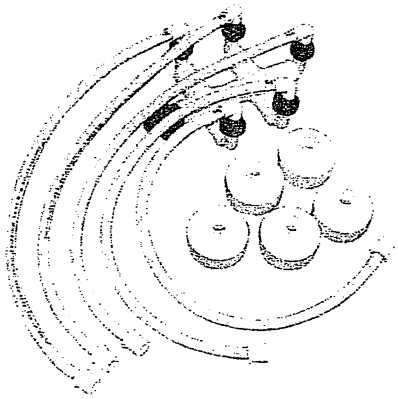


Hydrosplitter

Hydrosplitters (HSA)

Hydrosplitters are used when dosing filtered effluent by pump or siphon to achieve proper distribution of flow to gravity drainfield laterals of varying lengths and/or elevations. Unaffected by varying pressure, flow is pressurized to the hydrosplitter and then flows by gravity to individual drainfield laterals. Constructed of PVC components, each hydrosplitter is designed to meet the specific needs of a particular drainfield. Recommended minimum pressure at the hydrosplitter inlet is 2 ft.

Note: Order hydrosplitter access enclosures and fiberglass lids with optional insulation separately. Custom hydrosplitters available. Call for information.

NOMENCLATURE

Hydrosplitter

HSA 200-05-10

- 10 = Discharge line diameter: 05 = 1/2", 10 = 1"
- 05 = Number of outlet lines: 02 = 2, 03 = 3, 04 = 4, 05 = 5, 06 = 6, 07 = 7, 08 = 8, 09 = 9, 10 = 10
- 200 = Manifold diameter: 100 = 1", 125 = 1-1/4", 150 = 1-1/2", 200 = 2"
- HSA = Hydrosplitter assembly

Hydrosplitter enclosure

HSRR 24 18

- 18 = Riser height: 12", 18", 24"
- 24 = Riser diameter: 24", 30"
- HSRR = Hydrosplitter access riser

HOW TO SELECT

Step 1: Determine the number of outlet lines and corresponding manifold diameters.

Step 2: Call Orenco Systems or your local Distributor for flow control disc orifice sizing. See *Flow Control Assemblies/Discs and Flowsplitter Basins (FCA, FCD)* on page 75 for ordering information.

Step 3: Use orifice sizes to determine discharge line size. 1/2-in. lines can use flow control orifices up to 0.6-in. diameter, and 1-in. lines can use flow control orifices up to 1.05-in. diameter.

Hydrosplitter Enclosures (HSRR)

Hydrosplitter enclosures are "mouse-holed" PVC access risers, which allow for easy installation of the transport and discharge lines. Insulated lids (ordered separately) are recommended. See *Lids (FL)* on page 4.

HOW TO SELECT

Step 1: Refer to *Table 48, Hydrosplitter Enclosure Guide*, to determine the enclosure diameter.

Step 2: Determine the height of the enclosure. The top of the enclosure should extend a minimum 1 in. above the grade level.

TABLE 48. HYDROSPLITTER ENCLOSURE GUIDE

Model code	Manifold diameter	Number of outlets	Enclosure
HSA100	1 in.	2, 3, 4	HSRR24 _ _
HSA125	1-1/4 in.	5, 6	HSRR24 _ _
HSA150	1-1/2 in.	7, 8	HSRR30 _ _
HSA200	2 in.	9, 10	HSRR30 _ _

Orifice sizing tool for the Hydrosplitter box – Bedford Lot 23, Block 5

total gallons to be pumped per minute	5.5
Number of lines equal length	0
gallons per minute flow per orifice	#DIV/0!
Distal Head Pressure at discharge point (min of 3 Ft.)	5
Orifice size in inches	#DIV/0!
Drill size in inches	#DIV/0! /32

Total Length of Lateral lines (in feet)	222
Length of an Individual line (unequal length line system)	38
gallons per minute for this orifice (unequal length line system)	0.941
Individual Orifice size (unequal length lines)	0.184
	6 /32

total gallons to be pumped per minute	5.5
Number of lines equal length	0
gallons per minute flow per orifice	#DIV/0!
Distal Head Pressure at discharge point (min of 3 Ft.)	5
Orifice size in inches	#DIV/0!
Drill size in inches	#DIV/0! /32

Total Length of Lateral lines (in feet)	222
Length of an Individual line (unequal length line system)	47
gallons per minute for this orifice (unequal length line system)	1.164
Individual Orifice size (unequal length lines)	0.204
	7 /32

total gallons to be pumped per minute	5.5
Number of lines equal length	0
gallons per minute flow per orifice	#DIV/0!
Distal Head Pressure at discharge point (min of 3 Ft.)	5
Orifice size in inches	#DIV/0!
Drill size in inches	#DIV/0! /32

Total Length of Lateral lines (in feet)	222
Length of an Individual line (unequal length line system)	49
gallons per minute for this orifice (unequal length line system)	1.213
Individual Orifice size (unequal length lines)	0.209
	7 /32

total gallons to be pumped per minute	5.5
Number of lines equal length	0
gallons per minute flow per orifice	#DIV/0!
Distal Head Pressure at discharge point (min of 3 Ft.)	5
Orifice size in inches	#DIV/0!
Drill size in inches	#DIV/0! /32

Total Length of Lateral lines (in feet)	222
Length of an Individual line (unequal length line system)	47
gallons per minute for this orifice (unequal length line system)	1.164
Individual Orifice size (unequal length lines)	0.204
	7 /32

total gallons to be pumped per minute	5.5
Number of lines equal length	0
gallons per minute flow per orifice	#DIV/0!
Distal Head Pressure at discharge point (min of 3 Ft.)	5
Orifice size in inches	#DIV/0!
Drill size in inches	#DIV/0! /32

Total Length of Lateral lines (in feet)	222
Length of an Individual line (unequal length line system)	46
gallons per minute for this orifice (unequal length line system)	1.139
Individual Orifice size (unequal length lines)	0.202
	6 /32

Andrews Environmental Services

PO Box 5784
Bella Vista, AR 72714

September 21, 2026

Please revalidate the individual sewage disposal system permit for RG Construction, Howard Dover, 479-841-7856, Parcel # 16-03608-000, Bedford 23/5, Bella Vista. Original permit was filed under Oliver Builders.
No changes to the proposed lateral field design or location have been made.

Sincerely,

Elizabeth Andrews D.R., R.S.
Andrews Environmental Services

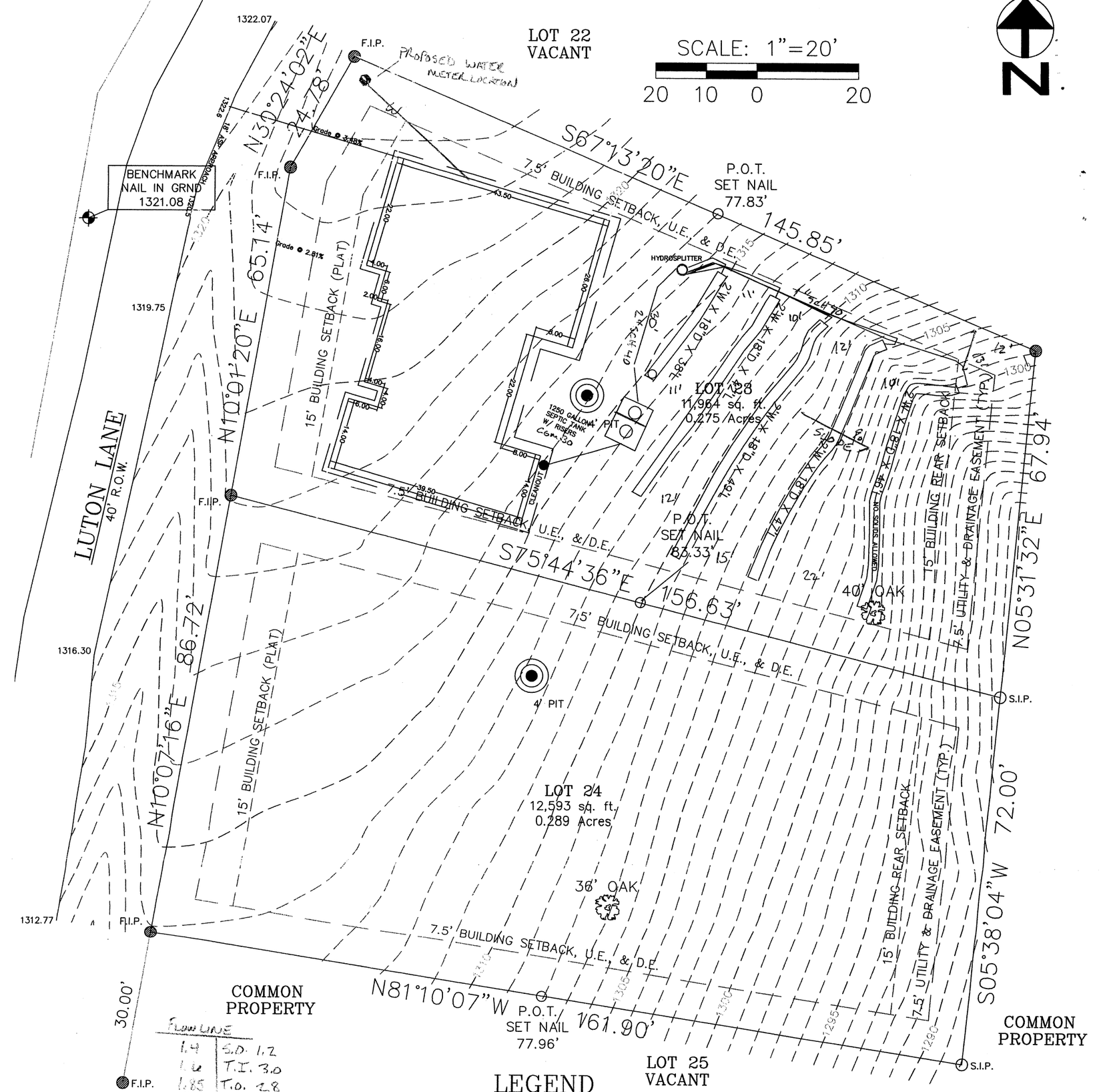
Sarah Sanders (ADH)

From: Elizabeth Andrews <egandrews@yahoo.com>
Sent: Monday, September 21, 2026 8:54 AM
To: ADH EHS Benton County; Howardldover@gmail.com
Subject: Revalidation - Parcel # 16-03608-000, Bedford 23/5
Attachments: 5.pdf

CAUTION: External Email

Please update the builder information for this property.

Thanks, Elizabeth



FLOW LINE		
1.4	S.D. 1.2	
1.6	T.I. 3.0	
1.85	T.O. 2.8	
2.0	H.S. 0.5	
3.0	L1 2.0	
5.5	L2 4.5	
8.2	L3 7.2	
12.5	L4 11.5	

LEGEND

- F.I.P. FOUND IRON PIN
- S.I.P. SET IRON PIN
- P.O.T. POINT OF TANGENT
- POWER POLE
- BUILDING SETBACK
- EASEMENT LINE
- TOPOGRAPHY
- PROPOSED TOPOGRAPHY
- OVERHEAD ELECTRIC
- PROP. WATER METER
- F.I.P. GRADE ELEVATION
- HIGH POINT
- BENCHMARK
- TELEPHONE PEDESTAL
- CABLE PEDESTAL
- EX WATER BLOW-OFF XXX.XX
- WV WATER VALVE

PROPERTY DESCRIPTION
LOT 23 & 24, BLOCK 5, BEDFROD
SUBDIVISION BELLA VISTA, ARKANSAS.

THESE LOTS LIE IN THE SE ¼ OF SECTION 17, T-21-N, R-30-W.

LOT 23 AREA: 0.275 ACRES
LOT 24 AREA: 0.289 ACRES

THE TAX PARCEL (23)#: 16-03608-000
THE TAX PARCEL (24)#: 16-03609-000

ZONING RESIDENTIAL

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SUBDIVISION PLAT.

BEDFORD SUBDIVISION
LOT 23 & 24, BLOCK 5
LUTON LANE
BELLA VISTA, ARKANSAS

SEWAGE DISPOSAL SYSTEM NOTES

1. MAXIMUM SOIL ABSORPTION TRENCH DEPTH SHALL BE 18".
2. EACH SOIL ABSORPTION TRENCH MUST BE INSTALLED ON CONTOURS AS DESIGNED AND MUST NOT BE ALTERED TO AVOID EXISTING TREES, PROPOSED LANDSCAPING, STORAGE BUILDINGS, OR OTHER OBSTRUCTIONS WITHOUT CONTACTING THE BELLA VISTA A.C.C. OFFICE AT (479) 855-8080.
3. MINIMUM 6" OF SOIL COVER OVER TRENCH GRAVEL.
4. TOPSOIL AND SEEDING WITH GRASS RECOMMENDED.
5. EACH TRENCH MUST BE EXCAVATED BY BACKHOE TO PREVENT COMPACTION OF TRENCH BOTTOM.
6. FINAL GRADE OVER THE SOIL ABSORPTION AREA SHALL BE SUCH THAT ALL SURFACE WATER WILL DRAIN OFF AND AWAY FROM THE SYSTEM. IMPROPER GRADING MAY CAUSE THE SYSTEM TO NOT FUNCTION PROPERLY.
7. ALL TIGHTLINES ARE TO BE SCHEDULE 40 AND ALL PERFORATED PIPE SHALL BE ASTM 2729 OR F-810.

NOTICE: THIS IS ONLY A PLAN AND DOES NOT NECESSARY REFLECT THE ACTUAL SIZE, SHAPE OF LOCATION OF ANY IMPROVEMENTS ON THE LOT.

THIS SEPTIC PLAN HAS BEEN DESIGNED IN COMPLIANCE WITH THE RULES AND REGULATIONS PERTAINING TO SEWAGE DISPOSAL SYSTEMS AS PROVIDED IN ACT 402 OF 1977. THIS IN NO WAY GUARANTEES THAT THIS SYSTEM WILL FUNCTION PROPERLY.

DATED: 4/30/25 BY: _____
DESIGNATED REPRESENTATIVE

THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM OR SANITARY CONNECTION HAS BEEN APPROVED FOR CONSTRUCTION AS SHOWN. THIS APPROVAL DOES NOT CONSTITUTE A GUARANTEE THAT THE SYSTEM WILL FUNCTION PROPERLY.

DATED: 5/7/25 BY: _____
AUTHORIZED AGENT (HEALTH DEPT.)

Installer must email ADH.EHSBentoncounty@arkansas.gov 24 hrs prior to installation

27571085

SITE PLAN

REVISION No.:	BY:	DAT

OWNER: PSK PROPERTIES
7 Luton Lane
Bella Vista AR

DRAFTSMAN LLC
ELIZABETH BEAN
217-316-0765

DRAWN BY: E.B.	DATE: 3/1/2
CHECKED BY:	JOB No.: 104
SCALE: 1"=20'	SHEET: 1