ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INTENT

INDIVIDUAL TREATMENT FACILITIES

Application Type: New Renewal	
	(Permit # ARG55)
I. PERMITTEE/OPERATOR INFORMATION	
Permittee (Legal Name): Robert and Lynley Bellomy	Operator Type:
Permittee Mailing Address: 515 Grant 13	State Partnership
Permittee City: Sheridan	
Permittee State: AR Zip: _72150	
Permittee Telephone Number: 501-680-3347	
Permittee Fax Number:	The legal name of the Permittee must be
Permittee E-mail Address:	identical to the name listed with the Arkansas Secretary of State.
	
II. INVOICE MAILING INFORMATION (Home owners are exem	pt.)
Invoice Contact Person: N/A	City:
Invoice Mailing Company:	State: Zip:
Invoice Mailing Address:	Telephone:
III. FACILITY INFORMATION	
Facility Name: Bellomy Residence Facility Con	tact Person: Robert Bellomy
75 144 A 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ne Number: 501-380-3347
Facility County: Grant Facility City, S	
Facility Latitude: 34 Deg 12 Min 6.05 Sec Facility Longit	
Datum	,
Accuracy: Method: :	Scale: Description:
IV. DISCHARGE INFORMATION	
Outfall Number: 001	1 TI 1 TO 1 TO 1
a a -	Flow: 450 gpd (Gallons per Day) sin Code: 8040203
	sin Code: 8040203 de: -92 Deg 25 Min 0.86 Sec
Datum	
Type of Treatment: Bio Microbics Microfasst 0.5 with UV and Post Aer	Scale: Description:
Receiving Stream: Ouachita River	ацон
V. FACILITY PERMIT INFORMATION	
NPDES Individual Permit Number (If Applicable	-)· ΔR00
NPDES General Permit Number (If Applicable	
State Construction Permit Number	er:
NPDES General Construction Stormwater Permit Number (If Applicable	e): ARR15

WATER DIVISION 5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118 PHONE 501-682-0623 / FAX 501-682-0880 www.adeq.state.ar.us

VI.	OTHER INFORMATION	₹:			
	Operator Name:	David Mein	ts		
	Operator License Number:	009055		License Class:	Ш
	Consultant Contact Name: Consultant Email Address: Consultant Address: Consultant Phone Number:	David Mein david@mein PO Box 1001 501-804-083	ncowastewater.com City: Bryant	State: AR ultant Fax Number: 501-	Zip: <u>72089</u> 821-4048
Has t	his treatment system been ap	proved by Al			
	osure Statements:	F		_	
certifi staten witho	asas Code Annotated Section is cation or operational authority ment with their applications. Thut one. You must submit a new ned from ADEQ web site at: <a accord="" certify="" href="https://linear.com/html/html</td><td>issued by the
e filing of a dis
disclosure sta</td><td>Arkansas Departine
sclosure statement is
atement even if you h</td><td>nt of Environmental Qualit
mandatory. No application
ave one on file with the De</td><td>y (ADEQ) file a disclosure can be considered complete</td></tr><tr><td><u>KB</u></td><td>understand that the D (Initial) " i="" in="" infor<="" information="" information,="" penal="" subm="" supervision="" td="" the="" under=""><td>gnizant official the provision of the pr</td><td>al designated in this as of 40 CFR 122.22 Il accept reports signed this document and estem designed to assure the inquiry of the period is, to the best of rependities for submitting</td><td>Application is qualified to 2(b). If no cognizant officed only by the Applicant." all attachments were prepare that qualified personnel person or persons directly range knowledge and belief, tru</td><td>o act as a duly authorized cial has been designated, I</td>	gnizant official the provision of the pr	al designated in this as of 40 CFR 122.22 Il accept reports signed this document and estem designed to assure the inquiry of the period is, to the best of rependities for submitting	Application is qualified to 2(b). If no cognizant officed only by the Applicant." all attachments were prepare that qualified personnel person or persons directly range knowledge and belief, tru	o act as a duly authorized cial has been designated, I
Resp	oonsible Official Printed Name:	Robert Bel	lomy	Title: _Owner	
]	Responsible Official Signature:	2 Lit	Bellin	Date: 3-18-21	
	Responsible Official Email:	ichnson	1. IVniev@ar	nail.com	
Co	gnizant Official Printed Name:	David Mei	nts	Title: Class I	II Operator
	Cognizant Official Signature:	Dul	a. Mil	Telephone: 501-80)4-0837
	Cognizant Official Email:	_david@mei	ncowastewater.com		
	PERMIT REQUIREMENT V		on of permit requiren	nents.	a permit can not be issued!
Subr	mittal of Complete NOI?				
Subr	nittal of Required Permit Fee?		Check Number:		
Subr	nittal of AHD Form EHP-19?				
	nittal of Site Map?				
	mittal of Disclosure Statement?				

WATER DIVISION 5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118 PHONE 501-682-0623 / FAX 501-682-0880



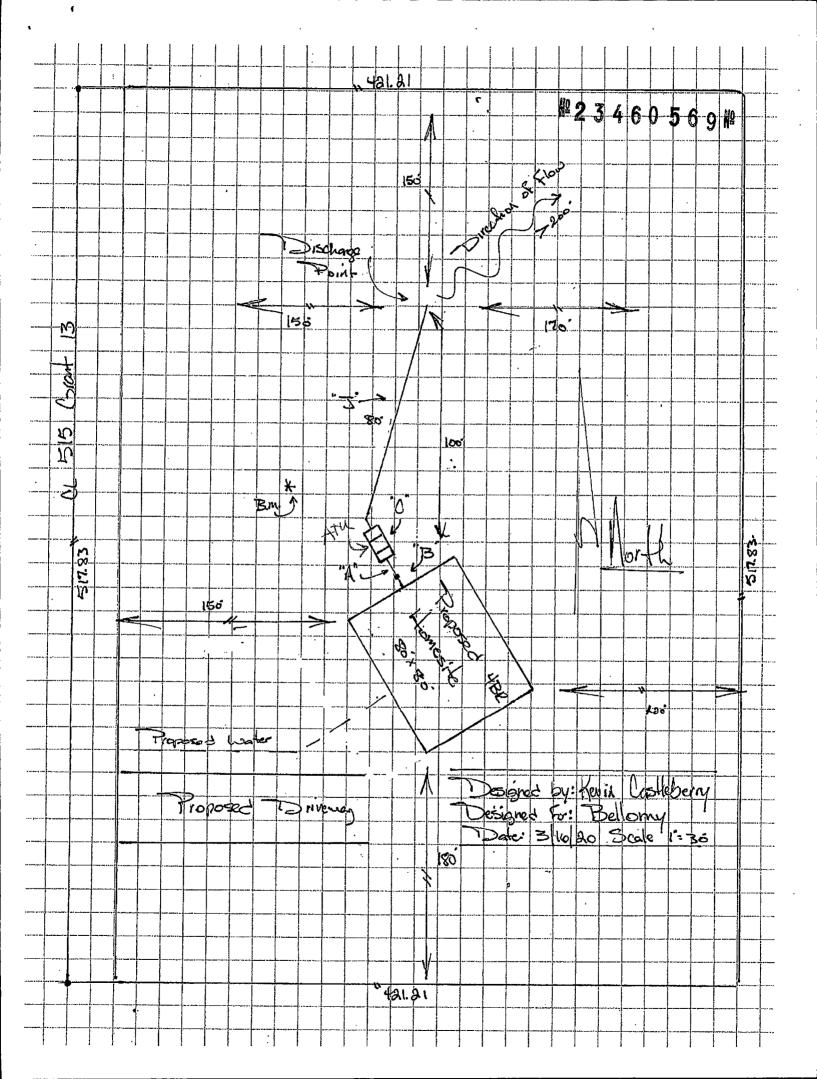
Arkansas Department of Health Environmental Health Protection

Individual Onsite	Wastewate	er∕System Permit	Applic	ation		Fee Schedule f	or Structures		1
Permit Type	DZ.	/ New Installation	1	S	tructures	1500 sq ft or less		\$ 30.0	
	` <u>`</u>		•	ı		more than 1500 sq ft and			
DR Environmental ID			oun .	1		more than 2000 sq ft and more than 3000 sq ft and			<u> </u>
7 6 0		1210101				more than 4000 sq ft	up to 4000 sq i	\$120.0 \$150.0	
1,00	2 1 3	2 0 9	0			and Repair		\$ 30.00	
Part 1 Application	n Tre	atment Type (che	eck one)	, <i>T</i>	,,	Disposal Meth	od (check o	ne)	
☐ STD = Standard Sep ☐ ISF = Intermittent Sa	tic Tank [nd Filter [ATU = Aerobic Treat RSF = Re-circulating	tment Plan	nt D/STD ter M SUR	= Standa	ard Absorption Field e Discharge	LPD = Low	Pressure Distribu	ution
☐ PMF = Proprietary M ☐ OTH = Other (Descri	edia Filter [be) [☐ RGF = Re-circulating ☐ HLD = Holding Tank	Gravel F	ilter CPF	Cappin	g Fill	☐ SRL = Seri	al Distribution	
1. Owner's/Applicant	t's Name	211			- 00,61	2. Phone Numb	er		
3. Mailing Address	(Lyn	les Dello	my			4. County	<u> </u>	347	
57 Ho	rtox lt	ills V	The	ridau A	672	150	Grank	•	
5. Address of Propos	sed System (Drant	If a 911 address is not a 13 Sheri	ot availa	bie, attach deta	iled dire	ections or map)			
6. Subdivision Name		ושוט כו	7. Apr	roval Date	1215	Date Recorded	9. L	ot Number	
10. Lot Dimensions				lone		More		Mone	
HAI X #	517			tal Area (Acres	1	2. # Bedrooms # Peo	ple 13.	Daily Flow (GP	D)
14. Brief Legal Descri		erty (Attach a separ	ate shee	t of paper, if ne	cessary	′) .		720	
15. Water Supply (Sp	ecify supplie	r, if Public Water)	<u></u>	16. GPS			- 4. 6		
<u> </u>	* D/	widan	·		34	: 2020 - 91	2.4169	·	
17. Loading Rates	(gpd/ft²)	18. System Speci	fications		γ	T			
Primary Area	NA	a. Size of Septic T	ank	1500	gal	f. Trench Depth	NA	inche	s
Secondary Area	NA	b. Size of Dose Ta	nk	250	gal	g. Trench Spacing	NI	4 feet	
Percolation Test	(mln/in)	c. Absorption Area	١	11one	ft²	h. Trench Media (Lis	t Below)	i.Trer	nch Width
Primary Area Avg	X	d. Number of Field	Lines	None		Surace T	SISCL.		in
Secondary Area	Х	e. Length of Field	Lines	None	ft				in
TO THE OWNER The permit for construsoil conditions have misrepresented. App system was designed Systems, unless there	cnanged and roval for ope and installe	er approval of this eration does not co d according to the	permit, nstitute a Arkansas	or if the inform a guarantee the s Department o	nation at the s of Healt	within this permit is i ystem will function pro h Rules and Regulati	naccurate or operly. The	has been fou approval states	nd to be
19. Utilization Verifica	ed agent mu ition at item 12, th	e number of bedroo	iit more ti ms (num	nan one (1) yea ber of persons	for com	for to the start of any comercial) and square for its accurate. I have re	onstruction.	etricture that w	in l
understand the la	yout, installa	ion, maintenance, o	peration	and expense(s	s) that n	nay be associated with	this system.	ermit applicatio	n and
Owner/Applicant Signa	ature ZII	MIMM	<u> </u>			Date	3/10/7	4020	
20. I certify that I hav Arkansas Departs	conducted nent of Healt	the above tests and h Rules and Regula	that the tions Pe	above listed in rtaining to Onsi	formation te Wast	on is in accordance wit ewater Systems.	h the latest re	equirements of	the
	Whi 1	(aschbri	the second			D.R.	Soil Cer	tlfied 🛭 Yes	□No
Designa		ative Signature				Title		•	
	Prir	ASTLEBERRY / nt Name				3/16/80 Date		870-692-5742 Phone Number	
21. Approval of Health The Information ar Health Rules and	nd specification	ons in the application	n has be Wastew	en reviewed an vater Systems.	d found	to meet the requireme	ents of the Ar TION is here	kansas Denartr	nent of
				· · · · · · · · · · · · · · · · · · ·	SI	24	4.2	5-2020	
// Enyi	ronnaental Spe	cialist Signature				EH6 Number		Date	

Individual	Onsite Was	tewater Syste	em Permit Applie	cation		Receip	t Number
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	ria (Primary A				if observed in the soil	-	•
a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSW		g. H.C./Depth	h. Loading Rate (gpd/ft²)
00 0-11 0-11-	0"	0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N/A	if absorped in the coll	(designate inches	1 N/A
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a. Bedrock	b. BSWT	c. MSWT	d. LSWT	e. Adj. MSW	T f. Adj. LSWT	g, H,C,/Depth	h. Loading Rate (gpd/ft²)
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Moderate C)" in	10YR 6/2					· .
Long	in					~	
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Part 2 Ins	tallation ins	spection					
Septic tank m					Pump information		
Septic tank m	aterial				Trench media and wi	dth	
Dose tank ma	nufacturer				Depth of Interceptor of	Srain	
			<u>-</u>				
Dose tank ma	terial				Depth of settled fill		<i>,</i> •
Name of Insta	ller						License Number
		•	•				
Installation Ins			nental Health Spec	ialist . p l	Designated Represen	tative	· · · · · · · · · · · · · · · · · · ·
(check one or in:	staller signs Sy	stem Installation V	entication below)				•
				•			
	S	Signature			EHS / Licer	nse Number	Date
System Installa	ation Verificat d this system	ilon as designed and	d in compliance wit	th all Rules and	Regulations Pertaining	ng to Onsite Waste	ewater Systems.
			•		•		•
			·				
	Insta	aller Signature			License Nu	ımber	Date
Part 3 Peri	mit for Ope	ration					
The informatio	n contained in	n Part 1 and 2 of			found to meet the re-	quirements of the	Arkansas Department of
Health. THE F	'ERMIT FOR	OPERATION of	f this system is her	eby issued.			
Environmental	Health Speci	alist	Signature		EHS Numb	er	Date
Comments					· · · · · · · · · · · · · · · · · · ·		
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Site Revalidation	on conducted	by	□ Environmental I	Health Specialis	st 🗆	Designated Repre	esentative
(check one)		•	•				

EHS / License Number

Signature



ELEVATIONS

	GROUND ELEV.	FLOW LINE ELEV.
BENCHMARK:	5.5	
STUB DUT:	5.1	6.1
CLEAN DUT:	5.1	6.1
TANK IN:	5.2	6.3
TANK DUT:	5.3	6.9
PUMP		
INTAKE:	5.3	9.6
SURF.		
DISCHARGE	5.7	5.7

LINE #	BEG.	Mın.	END	TRENCH BOTTOM	TRENCH DEPTH	LINE LENGTH
#1						
#2						
#3						
#4						
#5			,			
#6	· ·					
CURT. DRAIN						
ALT AREA:						
A1						
AZ						-
EA.						
A4		************				
A5				·		

LEGEND:

- (A) 4" 5CH. 40 PIPE
- (B) 4" CLEAN DUT AND PLUG
- (C) SEPTIC TANK ATUL FAST 0.5
- (D) PRESSURE-MANIFOLD
- (E) 42 SDR 35-
- (F) FIELD-LINE-LATERALS

- (G) <u>PIT #1</u>
- (H) PIT #2
- (I) <u>2" sch. 40</u>
- (J) 11/2" SCH. 40
- (K) 3/4" SCH 40

NOTES:

SEPTIC TANK

- 1. INSTALL <u>1500</u> GALLON THREE COMPARTMENT COMBINATION SEPTIC TANK. (SEE SPEC SHEET) BOTTOM OF HOLE MUST BE FIRM AND GRADED LEVEL.
- 2. INSTALL RISERS AS SHOWN ON SPEC SHEET. EXTEND ABOVE NATURAL GROUND ELEVATION. APPLY 1/4" BUTYL SEALANT BETWEEN ALL RISER EXTENSIONS.
- 3. INSTALL SEPTIC TANK WITH CAST-A-SEAL 402 BOOTS, (SEE SPEC SHEET)
- 4. INSTALL BIOMICROBICS SANITEE OUTLET FILTER IN THE OUTLET BAFFLE OF THE TRASH TANK, (SEE SPEC SHEET)
- 5. INSTALL BIOMICROBICS 0.5 FAST UNIT IN THE TREATMENT CHAMBER AS SHOWN.
- 6. Install Salcor 3G ultraviolet light in the pump chamber as shown
- 7.

PUMP/ALARM

- 1. INSTALL ZUELLER <u>BN 53</u> PUMP, SET ON TWO 8X8X16 CONCRETE BLOCKS.
- 2. PLUMB PUMP WITH $1 \frac{1}{2}$ " SCH 40 PIPE THROUGH THE RISER USING AN $1 \frac{1}{2}$ " POLYLOK GROMMET. (DO NOT USE THE BOOT SEAL CAST INTO TANK, UNLESS BOOT IS DESIGNED TO FIT $1 \frac{1}{2}$ " PIPE)
- 3. PLUMBING SHOULD INCLUDE:
 - A. 11/2" CHECK VALVE
 - B. 11/2" UNION
 - C. 11/2" BALL VALVE
- 4. SET PUMP FLOAT SWITCH WITH 3.5" TETHER LENGTH. THIS WILL PUMP APPROXIMATELY 50 GALLONS PER DOSE. PUMP SHOULD STAY SUBMERGED IN WATER WHEN SWITCH IS IN OFF POSITION.
- 5. INSTALL ZOELLER 10-0623 OUTDOOR HIGH-WATER ALARM.
- 6. ALARM FLOAT SHOULD BE POSITIONED ABOVE THE ON POSITION OF THE PUMP FLOAT. TETHER ON ALARM FLOAT SHOULD BE POSITIONED SO THE ALARM SOUNDS BEFORE THE WATER LEVEL IN THE PUMP CHAMBER RISES INTO THE OUTLET PIPE OF THE SEPTIC TANK.
- 7. PUMP AND ALARM MUST BE ON SEPARATE BREAKERS.
- 8. ALL ELECTRICAL CONNECTIONS SHOULD BE MADE IN WATERPROOF SPLICE BOX WITH CORD GRIPS. (SEE SPEC SHEET)
- 9. Use PIPE SEAL/GROMMET FOR ELECTRICAL CONDUIT. CONDUIT SHOULD EXIT THROUGH RISER.



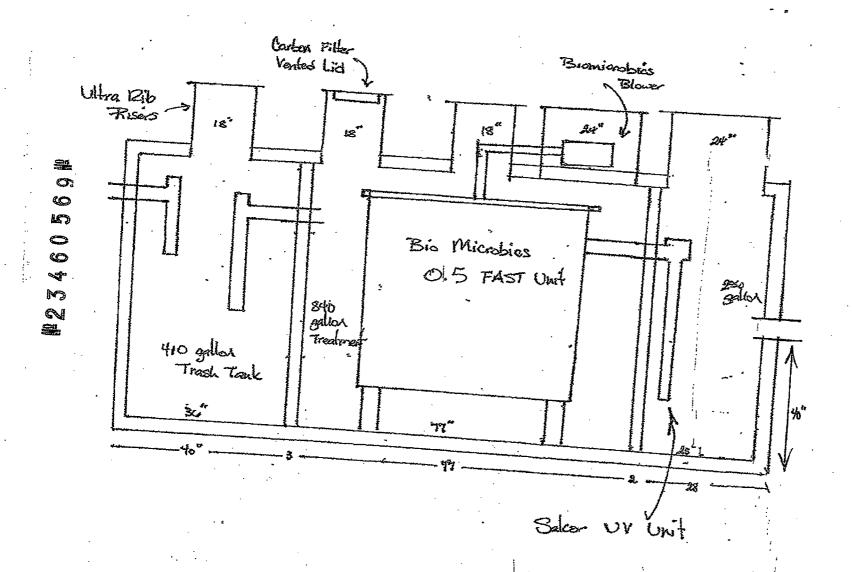
Zoeller Company



System Curve
Static & Friction
Design Point
High Point Elev.
Clarus Pump 1
Zoeller Pump 1
Zoeller Pump 2
O Operating Points

System Head Curve and Pump Selection Tool

Static Head Information		**** **** ******	***************************************		**********		
Static Head - elevation difference 5.0 feet				System	/ Pump Inte	raction C	urves
System high point above outfall? No							
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Friction Head Information						AMERIC	
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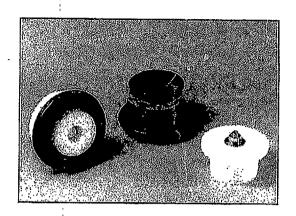
CAST-A-SEAL® 402/402F

CAST-IN BOOT-TYPE CONNECTOR for 1-1/4" to 6"PVC Pine (32 mm - 150 mm)

W23460569W

What It Is

CAST-A-SEAL 402/402F is a watertight flexible connector that is cast into the structure when the concrete is poured. The connector is folded into the casting position and placed on the reusable heavy-duty solid plastic mandrel that is installed directly to the form. After the concrete is cured, the form is opened, removing the mandrel from the gasket, but leaving the CAST-A-SEAL 402/402F connector embedded in the concrete. The gasket is then simply unfolded at the jobsite and is tightened around the pipe using the supplied stainless steel take-up clamp.



Why It's Better

- Simple cast-in design provides flexible watertight connection
- · Eliminates infiltration and exfiltration
- · Improves on-site system performance and minimizes maintenance
- Protects groundwater from unintended discharges
- · Use in on-site treatment structures, grease interceptors, manholes, wet wells, pump and lift stations, stormwater structures, or any application requiring a flexible watertight connector

How It Performs

CAST-A-SEAL 402/402F meets or exceeds all requirements of the following Standards. Codes, Specifications and/or Test Methods:

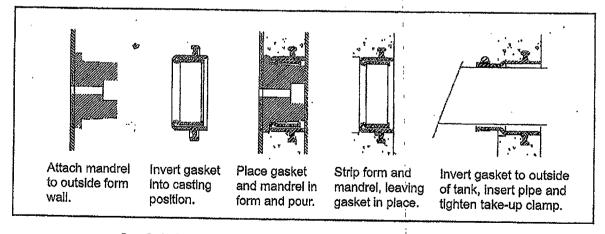
ASTM C 1227 ASTM C 1644

IAPMO Z1000 IAPMO Z1001

ASTM C 923 **ASTM C 1244**

NPCA Best Practices NOWRA Model Code

ASTM C 1478



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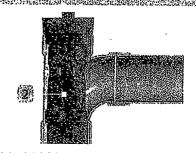
57 PRESS-SEAL GASKET CORPORATION

Protecting Our Planet's Clean Water Supply Press-Seal Gasket is an ISO 9001:2008 Registered Company 800-348-7325 Fax (260) 436-1908 email: sales @press-seal.com web: www.press-seal.com





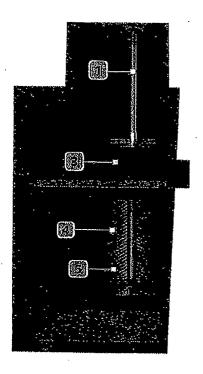
#23460569#



Unique Design Characteristics

In the interest of technological progress, all products are subject to design change without notice.

- Self-Cleaning Screen and Swab Feature The smooth exterior surface of the SaniTEE® promotes the deflection of solids back into the septic tank. Any solids that become trapped in the angled slots can be easily dislodged with a simple swab of the screen.
- Keyhole Weirs Surge flows are common in normal residential applications due to simultaneous discharge from many fixtures in the home (i.e. faundry day). The patented keyhole weirs provide flow attenuation to dampen these surge flows that otherwise may scour solids out of the septic tank with the effluent.
- SE Custom Diverter Used in 8" and 16" SaniteE applications, the diverter acts as a custom-engineered outlet tee to prevent scum and gas-lifted solids from being discharged into the drainfield. Once the custom diverter is secured to the tank wall and connected to the outlet pipe, the SaniteE screen easily slips into the diverter like a sword in a sheath.
- Angled Slots Angled slots, similar to those used in industrial well screens, are used because they resist blinding (clogging) better than mesh-type screening devices. The appropriate slot width does not allow nuisance solids to be discharged. Additionally, it has been found that most solids suspended in a tank float horizontally, like a leaf at the water surface. Therefore, the angled orientation of the slots is most likely to block the entrance of most solids.
- Gas-lifted Solids Deflection It is well known that solids are lifted by various gasses present in septic tanks. These gas-lifted solids often rise into the end of the outlet tee and are discharged with the effluent. When SaniTEE is utilized, flow must enter from the side, not the bottom, so the escape of gas-lifted solids is virtually eliminated.



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Simple installation and Maintenance

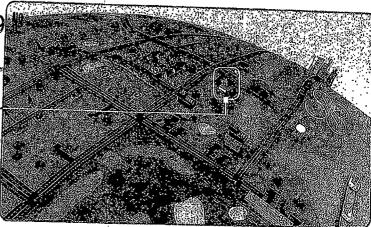
The installation of SaniTEE consists of dropping it inside a standard septic tank outlet tee or custom diverter. When cleaning the SaniTEE, simply move the swab handles forcefully up and down to pass the swab through the center or exterior of the screen. This swabbing action will dislodge any debris that might be trapped in the angled slots. If inspection is required, SaniTEE can be removed easily by simply lifting the screen out of the outlet tee or diverter.

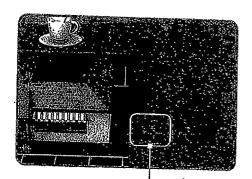


Better Water, Better World.

#2346056g

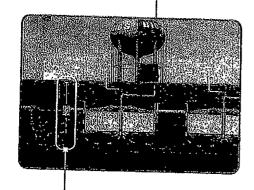


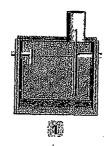


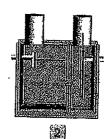


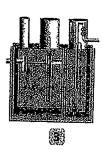
SaniTEE® Wastewater Screens

SaniTEE® self-cleaning wastewater deflection screens (commonly known as septic tank effluent filters) are designed to reduce suspended solids discharged in septic tank effluent by promoting natural sedimentation and excluding gas-lifted particles from entering the outlet pipe. Additionally, SaniTEE's patented keyhole weirs help to attenuate surge flows, delivering a more consistent flow for further treatment or dispersal. These features help extend the lives of drain fields, reduce the clogging of orifices in effluent disposal systems and allow flexibility in the use of different types of effluent pumps. SaniTEE wastewater screens are available in 4", 8" and 16" model sizes with flow capacities up to 20,000 GPD. Multiple screens can be used for flows higher than 20,000 GPD.



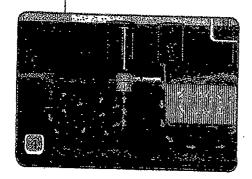






Applications

- Single Compartment Tank with Gravity Discharge SaniteEo is installed into the outlet tee of the tank. Its angled slots protect the drain field by retaining the suspended solids inside the tank.
- (2) Dual Compartment Tank with Gravity Discharge This configuration utilizes the SanITEE in the outlet tee of the second compartment, and provides additional solids retention due to flow attenuation and the dual-compartment design.
- (3) Dual Comparament Tank utilizing an officent purep This configuration provides primary screening in the first compartment and allows flexibility in the use of different types of effluent pumps.
- (in any of the above configurations) SaniTEE can also be utilized at such decentralized commercial properties as restaurants, laundromats, gas stations, beauty shops or veterinary clinics. When used in these applications, SaniTEE provides many benefits including prolonged drain field life and ease of maintenance.



Product Information presented here reflects conditions at time of publication. Consult fac-tory regarding discrepancies of inconsistencies.



MAIL TO: P.O. BOX 16347 · Louisville, KY 40256-0347 SHIP TO: 3649 Cane Run Road + Louisville, KY 40211-1961 (502) 778-2731 • 1 (800) \$28-PUMP • FAX (502) 774-3624

SECTION: 4.10.110 FM0732

Supersedes 0705

visit our web site: www.zoeller.com

A-PAK - ALARM

INDOOR/OUTDOOR ALARM SYSTEM FEATURES

- Indoor & Outdoor use per UL 864.
- UL Listed and CSA Certified.
- · Alarm system (horn & light) operates to warn of a high water condition.
- · Hom is rated 82 decibels at 10'.
- Alarm Test and Horn Silence Switch with auto reset.
- Terminal connections for a pump & float switch.

Standard Model (P/N 10-0623) Includes:

15 ft. float switch.

Deluxe Model (P/N 10-0682) Includes:

- 20 ft. float switch,
- 6 ft. power cord plugs into 115V outlet.
- Waterlight cord connectors.

"A-PAK" ALARM SYSTEM FEATURES 10-1494 (115V/1Ph/9V DG)

- Auto reset solid state alarm.
- 9 Volt battery back-up (battery not included).
- NEMA 1 non-corrosive enclosure for indoor use.
- Manual shut off.
- Float operates on 12 VAC.
- Float switch with 15' cable included.
- 6 ft. power cord plugs into 115V outlet.
- Hom is rated at 86 decibels at 10'.

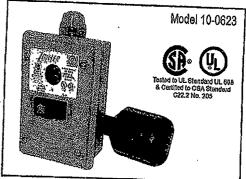
"A-PAK II" ALARM SYSTEM FEATURES 10-0126 (115V/1Ph)

- NEMA 4X thermoplastic alarm panel.
- Horn & light warn of high liquid levels
- Test and silence switch.
- Auxiliary dry high level alarm contacts 5 amps.
- Operates on separate circuit from pump 115 VAC.
- UL Listed for US & Canada.
- Float switch with 15 ft. cable included.
- Can be used with liquids to 140°F (60°C).
- Hom is rated at 88 decibles at 10'.

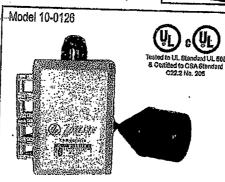
10-0015 (115V) / 10-0016 (230V)

- Non-enclosed model.
- 6" magnetic bell with transformer.
- Mount on standard utility box (not included).
- Operates with 10-0743 float switch or mechanical alternator (not included).

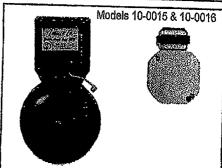
Note: All variable level float switches in this section are mechanically activated and do not contain mercury.









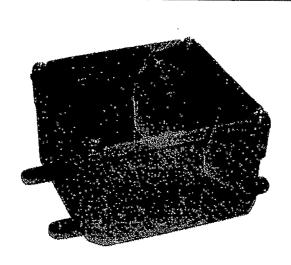


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3649 Cane Run Rond Louisville, KY 40211-1961 phone: 1-800-928-7867 fax: 1-502-774-3624 WWW.clarusenvironmental.com Your Peace of Mind Is Our Top Priority® CL0121 Updated 1111 Supersedes 0210

Junction Boxes



UL listed and CSA certified high impact, corrosion resistant, weatherproof thermoplastic enclosure with flexible PVC gasket and brass screws. Presassembled at the factory for convenience and ease of installation.







830.00 (107.2.2.00)	Junction Boxes CL0625
Part Numbe	r Description
10-1398	4"x4"x4",J-Box w/ 0,75" hub, 4 small cord grips, 1-plug
10-1399	4"x4"x4"/J-Box w/ 1,5" hub, 4 small cord grips, 1 plug.
10-1402	6"%6"x4" J=Box w/ 1,5" hub, 4 small cord grips, 1 plug
10-1403	6"x6"x4" J-Box w/ 2.0" hub, 5 small cord grips, 1-plug.
10-17(10)(1)(1)(1)	// // // J-Box-w/ 2.0" hub, 6 small cord grips, 1 plug

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Technical Support

Briefs by Zoeller Professionals

The Do's and Don'ts of Submersible Pump Applications . . .

Do thoroughly read all installation material provided with the pump.

Do inspect pump for any visible damage caused by shipping. Contact dealer if pump appears to be damaged.

Do clean all built up debris in sewage pit if debris can obstruct the pumps initial start up. Be sure that the pump will have a hard, flat surface beneath it.

Do be sure that the pit is large enough to allow proper clearance for the pumps float switch.

Do Always Disconnect Pump From Power Source Before Handling.

Do always connect to a separately protected and properly grounded circuit,

Don't ever cut, splice or damage the power cord.

8. Don't carry or lift the pump by its power cord.

Don't use an extension cord with a sewage pump.

Do install a check valve and a union in the discharge line. 10.

Don't use a discharge pipe smaller than the pumps discharge size. Do drill a 3/16" weep hole between the check valve and the pump housing.

Do review all applicable local and national codes and verify that the installation conforms to each of them.

Do consult manufacturer for clarifications or questions.

Do consider a Two Pump System with an alarm where an installation may become overloaded or primary pump failure would result in property damage.

Don't flush any items that are not biodegradable such as paper towels, feminine hygiene 16. products, condoms, or other items that could jam the pump impeller. A moderate amount of tissue paper in a system is acceptable.

Don't pour chemicals into the pump system such as acid's, floor wax, paints, or any degreasing chemicals. Common household soaps and detergents are acceptable. Contact the manufacturer with any chemical questions.

Do keep all warranty information, installation instructions, and receipts for future use. 18.

Do size the pump to the proper capacity of the home. In a two-pump system each pump should be sized to meet the homes pumping requirements.

Do verify that the sewage pit is gas tight and well vented to prevent odors.

"QUALITY PUMPS SINGE 1939

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M23460569M

Wire Gauge Calculation Chart

- Indicates wire is insufficient to carry load *In

Maximum Current Draw

	5 Amps	10 Amps	15 Amps	20 Amps	25 Amps	30 Amps	35 Amps	40 Amps	45 Amps	50 Amps
22 AWG	6	3						17.00		
20 AWG	9.5	5	3							
18 AVVG	15	7.5	5	4	3					
18 AWG	24.5	12	8	6	5	4	3.5	3		
14 AWG	39	19.5	13	9.5	8	6.5	5.5	5	4.5	4
12 AWG	62	• 31	20.6	15.5	12.5	10.5	8	7.5	7	6
10 AWG	98	49	32.5	24.5	19.5	16.5	14	12.5	11	10
8 AWG	156	78	52	39	31	28	22.5	19.5	17.5	15.5
8 AWG	248.5	124	82.5	62	49.5	41.5	35.5	31	27.5	25
4 AWG	395	197.5	131	98.5	79	66	58.5	48.5	44	39.5
2 AWG	629	314	209	157	125.5	104.5	89.5	78.5	89.5	63
	[

Maximum wire length - measured in feet.

	55 Amp	60 Amps	85 Amps	70 Amps	75 Amps	80 Amps	85 Amps	90 Amps	95 Amps	100 Amps
22 AWG			10 TH 11 M	A : 3.					57/49/13	
20 AWG	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
18 AWG										
16 AVVG										
14 AVVG	3.5	3	3	3						
<u>12 AVVG</u>	5,5	5	5	4.5	4	4	3.5	3.5	3.5	3
10 AVVG	g	8	7.5	7	6.5	6	6	5.5	5	5
8 AWG	14	13	12	11	10,5	10	9	8.5	8	8
8 AWG	22.5	20.5	. 19	17.5	16.5	15.5	14.5	14	13	12.5
4 AWG	36	33	90.5	28	26.5	24.5	23	22	21	19.5
2 AWG	57	52.5	48.5	45	42	39	37	35	33	31.5

American Wire Gauge (AWG) - diameter in inches

	Diamet
_Gauge	er
000000	0,5800
00000	0.5165
.0000	0.4600
000	0.4096
je 100 A	0,3648
0	0.3249
1	0.2893

	Diamet
Gauge	63.
7.	0.1443
8	0.1285
9	0.1144
10	0.1019
. 11	0.0907
12	0.0808
13	0.0719
4 4	1 0 0 × 4

	Diamet
Gauge	er
19	0.0359
20	0.0319
. 21	0.0285
22	0.0253
23	0.0226
24	0,0201
25	0.0179

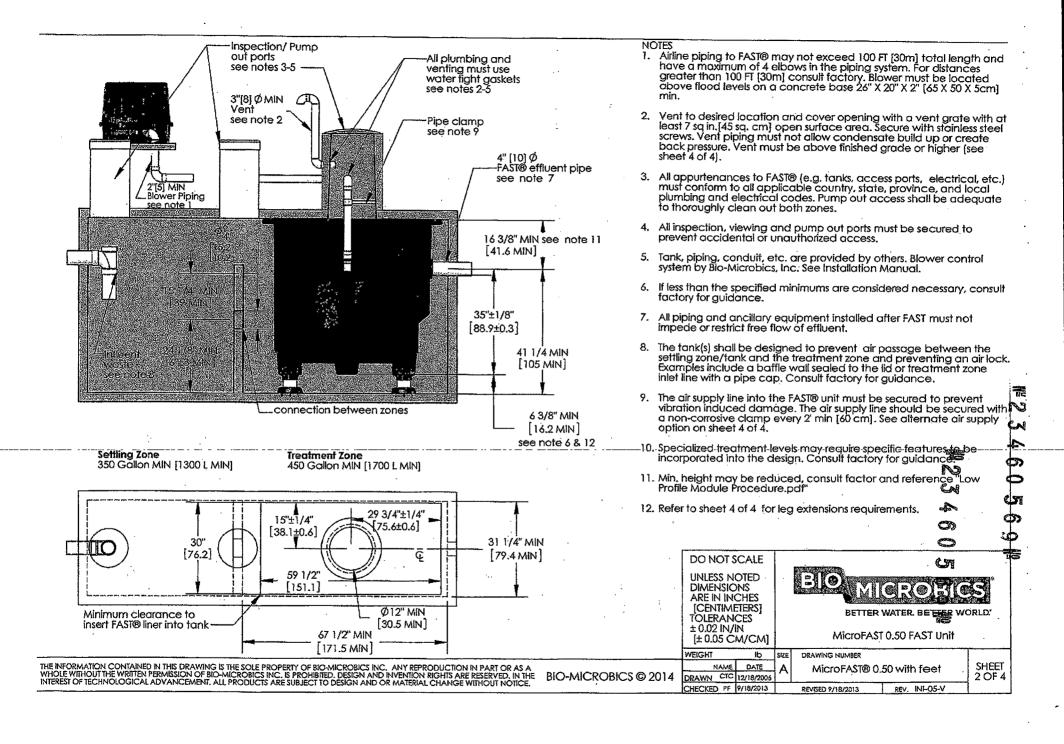
	Diamete
Gauge	r
31	0,0089
32	0,0079
- 33	0:0071
34	-0:0068
25	0:0056
36	0.0050
37	0.0045



#23460569#

Basic Electrical Information for Septic Systems Using Pumps, Floats, and Warning Alarms or Control Panels *ALL Aspects of the wiring and electrical system must meet the current National Electrical Code*.

- All components of a pumped septic system including: pump vaults, pump chambers, tank draw-downs, pumps, floats and alarms, controls, wiring, conduit, all electrical connections and breakers must be specified with examples included in the design by Designated Representative.
- All septic system electrical work must be performed by an Arkansas licensed Septic System Installer, or an Arkansas licensed Master Electrician.
- Any electrical work inside a building must be performed by the property owner, or an Arkansas licensed
 Master Electrician.
- All enclosures, panels, breaker boxes or other housings must be NEMA-4X rated with gas-proof and waterproof gaskets and seal offs.
- No exposed plug-in electrical cords are allowed, they must be entirely sealed in a NEMA-4X enclosure to be both gas resistant and water resistant.
- All wire splices and connections must be made with heat shrink-butt connectors, or silicone encapsulated wire nuts.
- All conduit opening s into control boxes, splice boxes, or alarm and breaker boxes must have gel-filled seal off kits or plugs.
- All power cable or wire must be UF (underground rated) and of correct gauge for the total amperage and total length of run.
- Any power cable or wire buried 12-inches or less deep must be entirely inside UF (underground rated)
 conduit of correct size to allow for heat dispersal of the wire.
- The pump must have an individual breaker of correct amperage in line of site to its location.
- The float/alarm set up must have an individual breaker of correct amperage in line of site to its location.
- The main breaker for the entire septic system set up must have amperage at least equal to pump, alarm, or control breakers coming to the main breaker. This main breaker must be labeled and its location noted on the septic system permit/design.
- <u>No deviations from the approved design may be made without prior approval of Designated Representative and Environmental Health Specialist.</u>



The contractor shall furnish and install (1) MicroFAST®0.50 treatment system as manufactured by Bio-Microbics, Inc. The treatment system shall be complete with all needed equipment as

The principal items of equipment shall include the FAST® system insert, blower assembly, blower controls and leg extensions or lid. All other items will be provided by others. The MicroFAST 0.50 unit shall be situated within a 450 Gallon [1700L] minimum compartment as shown on the drawings. Suggested maximum settling zone is [1] X the daily flow. Tank must provide adequate pump out access and conform to local, state, and all other applicable codes. The contractor shall coordinate the proper fabrication of the tank between the FAST system and tank supplier with regard to fabrication of the tank, installation of the FAST unit, and delivery to the job site.

2. OPERATING CONDITIONS

2. Of EXAMPS CONDITIONS
The MicroFAST 0.50 treatment system shall be capable of treating the wastewater produced by typical family activities (bath, laundry, kitchen, etc.) ranging from (1) one to (8) eight people and not to exceed 500 US Gallons per day (1800 LPD) provided the waste contains nothing that will interfere with biological treatment. The FAST system is a biological treatment or non-biodegradable or industrial wastewater.

3. MEDIA

o. Michical The FAST® media shall be manufactured of rigid PVC, polyethylene, or polypropylene and it shall be supported by the polyethylene insert. The media shall be fixed in position and contain no moving or wearing parts and shall not corrode. The media shall be designed and installed to ensure that sloughed solids descend through the media to the bottom of the septic tank.

4. BLOWER

The MicroFAST 0.50 unit shall come equipped with a regenerative type blower capable of delivering 17-25 CFM [31-46 m3/hr]. The blower assembly shall include an inlet filter with metal filter element. The blower shall be mounted outside the tank on a contractor supplied concrete base. Blower piping to the tank shall use non-corrosive material (PVC, Galvanized, or stainless Steel). Do not run galvanized pipe inside the treatment tank. Refer to Installation Manual for further details.

5. REMOTE MOUNTED BLOWER

The blower shall be placed on a contractor supplied concrete base. The blower must not sit in standing water and its elevation must be higher than the tank and normal flood level. A twopiece, rectangular housing shall be provided. The discharge air line from the blower to the MicroFAST® System shall be provided and installed by the contractor.

6. ELECTRICAL

The electrical source should be within 150 feet [45 meters] of the blower consult local codes for longer wiring distances. All wiring must conform to all applicable codes(IEC, NEC, etc.). Wiring distances must prevent significant voltage loss. Input power on 60Hz electrical systems 110/220VAC, 1Ø, 3.5/1.7 FLA, on 50 Hz electrical systems 220VAC, 1Ø, 1.9 FLA. Other voltages and phase are also available. Actual power consumption varies with site conditions. All conduit and wiring shall be supplied by contractor.

7. CONTROLS

The control panel provides power to the blower and contains an alarm system consisting of a visual and audible alarm capable of signaling blower circuit failure and high water conditions. The control panel is equipped with SFR® (Sequencing Fixed Reactor) timed control feature. A manual alarm silence button is included.

8. INSTALLATION AND OPERATING INSTRUCTIONS

All work must be done in accordance with local codes and regulations. Installation of the FAST 0.50 shall be done in accordance with the written instructions provided by the manufacturer. Manuals shall be furnished, which will include a description of system installation, operation, and maintenance procedures.

9. FLOW AND DOSING

FAST® systems have been successfully designed, tested and certified receiving gravity, demand-based influent flow. When influent flow is controlled by pump or other means to help with highly variable flow conditions, then multiple dosing events should be used to maximize performance. The flow rate shall not exceed 5 gpm (19 Lpm) with a maximum hourly flow not to exceed 10% of the design daily flow (50 gph (190 LPH)).

10.WARRANTY

Bio-Microbics, inc. warrants all new residential FAST® models (MicroFAST® 0.50, 0.625, 0.75, 0.90, and 1.5) against defects in materials and workmanship for a period of two years after installation or three years from date of shipment which ever occurs first. All other FAST® system models are warranted for a period of one year after installation or eighteen months from date of shipment, whichever occurs first. All are subject to the following terms and conditions below:

During the warranty period, if ony part is detective or fails to perform as specified when operating at design conditions, and if the equipment has been installed and is being operated and maintained in accordance with the written instructions provided by Bio-Microbics, Inc., Bio-Microbics, Inc., will repair or replace at Its discretion such defective parts free of charge. Defective parts must be returned by owner to Bio-Microbics, Inc.'s factory postage paid, if so requested. The cost of labor and all other expenses resulting from replacement of the defective parts and from installation of parts furnished under this warranty and regular maintenance items such as filters or bulbs shall be borne by the owner. This warranty does not cover general system missue, agrator components which have been damaged by flooding or any components that have been disassembled by unauthorized persons, improperly installed or damaged due to altered or improper wiring or overload protection. This warranty applies only to the treatment plant and does not include any of the structure wiring, plumbing, drainage, septic tonk or disposal system. Bio-Microbics, inc. reserves the right to revise, change or modify the construction and/or design of the FAST system, or any component part or ports thereof, without incurring any obligation to make such changes or modifications in present equipment. Bio-Microbics, Inc. is not responsible for consequential or incidental damages of any nature resulting from such things os, but not limited to, defect in design, material, or warkmanship, or delays in delivery, replacements or repairs.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. BIO-MICROBICS SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NO REPRESENTATIVE OR PERSON IS AUTHORIZED TO GIVE ANY OTHER WARRANTY OR TO ASSUME FOR BIO-MICROBICS, INC., ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS. Contact your local distributor for parts and service.

DO NOT SCALE **UNLESS NOTED** DIMENSIONS ARE IN INCHES [CENTIMETERS] TOLERANCES ± 0.02 IN/IN [± 0.05 CM/CM]



MicroFAST 0.50 FAST Unit

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BIO-MICROBICS @ 2014

WEIGHT Ιb SIZE NAME DATE DRAWN CTC 12/18/2005 CHECKED PF 9/18/2013

DRAWING NUMBER MicroFAST® 0.50 Specifications REVISED 9/18/2013 REV. INI-05-V

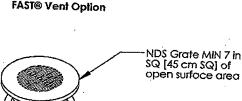
SHEET 3 OF 4

0

Minimum leg extension assembly see note 1-4 2 screws per side included 6 1/8" MIN 15.4 MIN

DETAIL

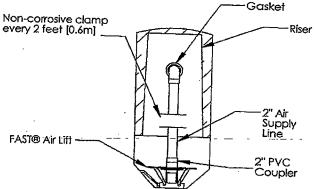
SCALE 1:5



SQ [45 cm SQ] of open surface area Fasten with noncorrosive screws

DETAIL SCALE 1:4

Alternate Air Supply Option Supply Non-corosive clamp Line every 2 feet [0.6m] Riser FAST® Air Lift Ø12" MIN [30.5 MIN]



O CT O 6

Notes

Secure leg extension to the FAST® unit by placing two screws on each side of the leg extension (4 screws per foot are

Cut 4" schd. 40 PVC pipe (not included) to obtain the desired height. Minimum pipe length of 6 1/8" [15.56cm] will provide minimum clearance of 10". For heights greater than 18" [45.7cm] use schd. 80 PVC pipe (not included).
 Anchor the leg extensions to the tank with non-corrosive hardware (not included) at the provided mounting points.
 If less than the specified minimums are considered necessary, consult factory for guidance.
 The air supply line into the FASI® unit must be secured to prevent vibration induced damage. The air supply line should be secured with a non-corrosive clamp every 2ft [0.6m] minimum.
 Tank anchors piping conduit blower housing pad and vents are provided by others

6. Tank, anchors, piping conduit, blower, housing pad and vents are provided by others.

DO NOT SCALE UNLESS NOTED DIMENSIONS ARE IN INCHES [CENTIMETERS] TOLERANCES ± 0.02 IN/IN [± 0.05 CM/CM]



MicroFAST 0.50 FAST Unit

WEIGHT Ю SIZE NAME DATE DRAWN CTC 12/18/2006 CHECKED PF 9/18/2013

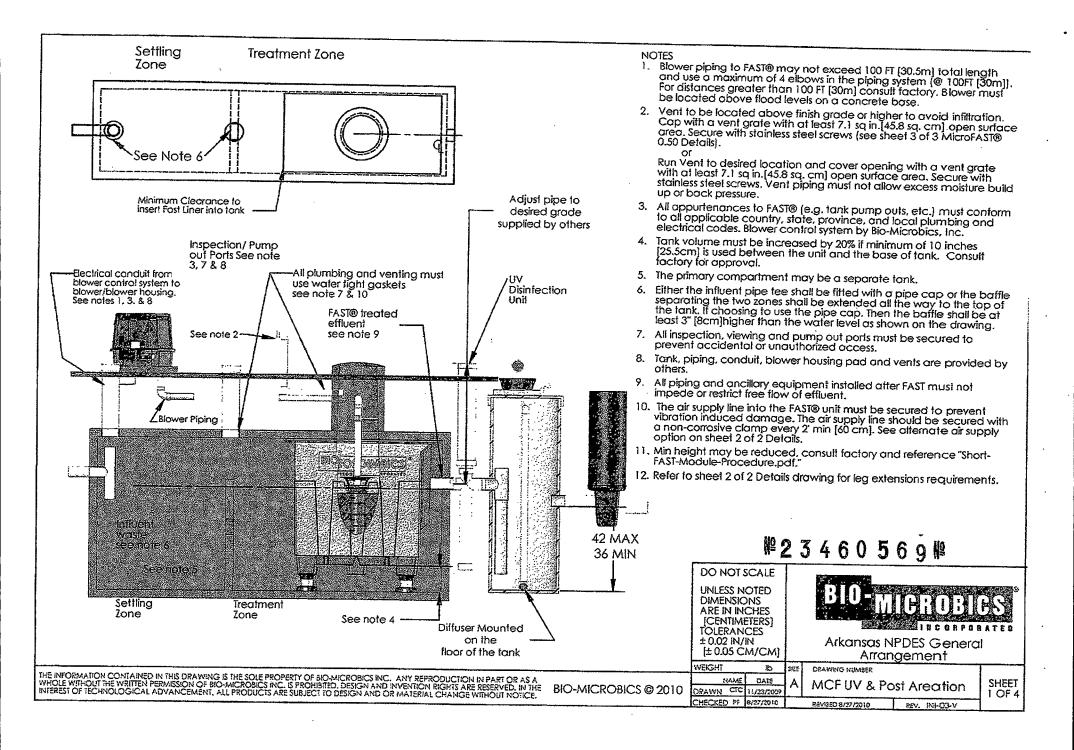
DRAWING NUMBER MicroFAST® 0.50 Details REVISED 9/18/2013 REV. INI-05-V

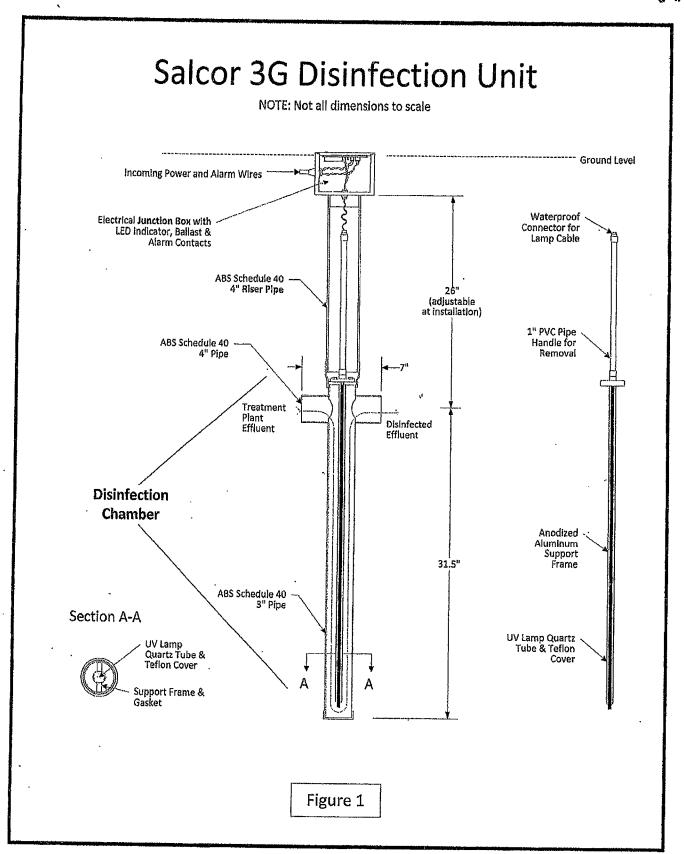
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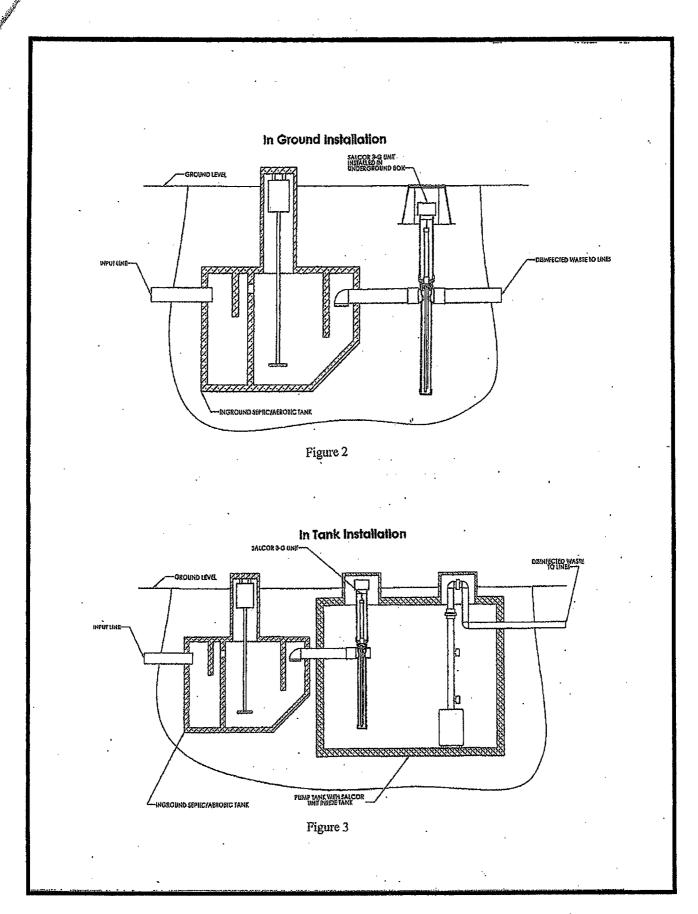
BIO-MICROBICS © 2014

SHEET

4 OF 4







Castleberry Septic Systems SEPTIC SYSTEM MONITORING AND SERVICE AG ("Customer") agrees to contract with Stell("Company"), who will provide specific management and related services that are defined within the scope of services for the septic and/or onsite wastewater treatment system owned by Will Bollow. and located at 13 Sherid This agreement is for a period of two (2) years, beginning on TBD ("Property"). and ending on with the option to extend at the end of this agreement. 1. It is understood, and agreed to by both parties, that any other services or obligations that are not expressly stated within either of these documents are excluded from the stated terms of this Agreement.

2. Additional services not identified or defined within this Agreement or the Scope of Services, to be performed by the "Company," will be produced in an amended document to the original Scope of Services by the "Company," reviewed, and signed by both

parties.

3. The "Customer" agrees to pay the "Company" for septic system service and maintenance, specifically work performed every ____ to month__ and described more specifically below.

4. If another agreement exists in writing between "Company" and "Customer" covering such services at the time in which the new agreement is prepared, then the most recent agreement shall be considered the valid document.

5. Validation of Property Ownership.

- In signing this Agreement, the "Customer" does validate ownership to the Property, or responsibility for the management of the Property, as well as the septic or onsite wastewater treatment system that is subject of this Agreement.
- Further, the "Customer" agrees to defend, indemnify and hold the "Company" harmless from and against any and all demands, actions, claims and damages, including without limitation the reimbursement of the Company's reasonable attorneys' fees, arising out of or relating to Customer's breach of its representation and warranty of ownership of the Property.

6. Term and Termination.

- a. The term of this Agreement shall commence on the date of the Initial Inspection, and continue in full force and effect for a period of <u>L</u> year(s) (the "Initial Term").
- b. The Agreement shall renew automatically for successive __ year periods without further action by the parties ("Renewal Term"), unless either party sends written notice to the other party not less than 90 days prior to the expiration of the Initial Term or any Renewal Term.
- The "Company" may also terminate this Agreement for any of the following reasons.
 - The "Customer" fails to pay any service fees or other charges due identified within this Agreement in a timely
 - Any breach by the "Customer" of any of the provisions contained in this Agreement and the Contract Documents. (ii)
 - The "Customer" fails to follow any of the recommendations made by the "Company" regarding the management, (iii) repair, maintenance, or replacement of the septic or onsite wastewater treatment system, or its components.
- d. In the event either the "Customer" or the "Company" terminates this Agreement, the "Company has the right to remove any and all equipment or other materials then located at the Property owned by the Company.
- Within a reasonable time after receipt or delivery of the notice of termination, the "Customer" agrees to provide the "Company" with access to the Property to remove such equipment or other materials.

Excluded Services.

- The services contained in this agreement shall **NOT** include:
 - an initial inspection, review or analysis of the physical or structural condition of the septic or onsite wastewater treatment system or its component parts; and/or
 - any inspection, analysis, review, recommendation, or opinion relative to, or in connection with, the sale or transfer of the Property to any third party to this Agreement.
- b. The Customer recognizes and agrees that any third party has no right or obligation to rely upon the services performed by the Company pursuant to this Agreement.

Customer Obligation and Responsibility.

In signing this Agreement, the "Customer" acknowledges that they are obligated to responsibly operate the system according to

The "Customer" agrees to have the "Company" provide the services as agreed upon and in conjunction with the Scope of Services: a. To have the system serviced on a regular schedule,

o. 10 perform all maintenance, repairs, replacements,

c. To obtain other services deemed necessary for the proper operation and management of the septic or onsite wastewater treatment system.

Specifically, and without limitation, the "Customer" understands and agrees that the septic or onsite wastewater treatment system is designed and constructed to treat only a specified volume of water per day, and that an increase in the volume of water used by the system can cause damage to or failure of the system.

The "Customer" must operate and maintain the system in a manner consistent with the recommendations of the manufacturer, the original designer/contractor, and/or the "Company," including not to exceed the design specifications of the system as directed by

The "Customer" also understands that the discharging of chemicals (drain cleaners, anti-bacterial soaps, bleach, etc.) or other foreign material (tampons, feminine napkins, paper towels, plastics, or other non-biodegradable material) into the system which kill bacteria and cause premature system failure, will be paid for on a time and material basis.

Compan	ry Obligation and Responsibility.	
a)	Service calls meet 74 Min and and	
b)	Completion of onsite maintenance program profile form EHP-71, where applicable.	
c)	All correlations program prome form BHP-/1, where applicable.	

- c) All samples will be retrieved and tested by an approved lab as a part of this agreement. In such event, "Company" shall submit to "Customer" a labratory fee of TBID which the "Customer" will promptly pay.
- d) Sludge build up in the treatment plant will be monitored during the service calls. Homeowner will be advised when sludge reaches maximum levels for safe and/or efficient operation of the system. (See part (a) under Customer Obligations and Responsibilities)
- e) Customer will be advised if there are any parts of the system that need to be replaced/repaired and the cost of said parts/labor prior to the replacement/repair of the parts. Any repairs outside of the regular maintenance or warranty will be billed to the end user. *note: warranties do not cover labor charges outside of one year from date of installation (if installed by Custom Septic Installation Services LLC)

This Agreement does not require the "Company," to, and expressly excludes, any repair and/or replacement of any component part of the septic or onsite wastewater treatment system that is under guarantee by the manufacturer. In the event the "Company" identifies a defect or other problem in the septic, or onsite wastewater treatment system, or otherwise recommends the performance of repairs, maintenance or any other work associated with the septic or onsite wastewater treatment system, the "Company" shall not be required to perform any such additional work, repair or maintenance unless, and until a separate written agreement is prepared.

The separate agreement will identify the specific work tasks to be completed, and additional compensation to be paid to the "Company," and signed by authorized representatives of the "Customer" and the "Company."

Disclaimer of Warranties and Limitation of Liability. CUSTOMER UNDERSTANDS AND AGREES THAT NEITHER THIS AGREEMENT, NOR ANY INSPECTIONS, REPORTS, OR RECOMMENDATIONS PROVIDED BY THE COMPANY, ARE A GUARANTEE OR WARRANTY OF ANY KIND REGARDING THE SEPTIC SYSTEM, ONSITE WASTEWATER SYSTEM, OR THEIR COMPONENTS, AND ANY SUCH WARRANTIES, EXPRESS OR IMPLIED, ARE HEREBY DISCLAIMED BY

THE CUSTOMER UNDERSTANDS AND AGREES THAT TRUCKS AND EQUIPMENT HAVE TO ACCESS THE PROPERTY TO MAINTAIN THE ONSITE WASTEWATER TREATMENT SYSTEM. THE COMPANY WILL NOT BE HELD RESPONSIBLE FOR THE DRIVEWAY OR APRON SHOULD ANY DAMAGE OCCUR.

CUSTOMER SPECIFICALLY UNDERSTANDS AND AGREES THAT THE COMPANY WILL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR REPAIR, MAINTENANCE, OR REPLACEMENT OF THE SEPTIC OR ONSITE WASTEWATER TREATMENT SYSTEM, OR ANY OF ITS COMPONENTS, DIMINUTION IN VALUE OF THE PROPERTY, OR ANY OTHER CONSEQUENTIAL, INCIDENTAL, PROPERTY OR ECONOMIC DAMAGES ARISING OUT OF OR RELATING TO ANY SERVICES PERFORMED BY THE COMPANY PURSUANT TO THIS AGREEMENT, INCLUDING WITHOUT LIMITATION, THE COMPANY'S FAILURE TO INSPECT, IMPROPER INSPECTION, FAILURE TO REPORT, OR IMPROPER REPORTING. THE DAMAGES AND CLAIMS FOR WHICH THE COMPANY SHALL NOT BE LIABLE INCLUDE, BUT ARE NOT LIMTED TO, FAILURE OF THE SEPTIC OR ONSITE WASTEWATER TREATMENT SYSTEM OF ANY KIND.

CUSTOMER AGREES TO DEFEND, INDEMNIFY AND HOLD THE COMPANY HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES, LOSSES, COSTS, LIABILITIES OR EXPENSES ASSERTED BY ANY THIRD PARTIES TO THIS AGREEMENT RELATING TO ANY WORK, RECOMMENDATIONS OR OTHER SERVICES FURNISHED BY THE COMPANY PURSUANT TO THIS AGREEMENT.

CUSTOMER FURTHER AGREES THAT THE MAXIMUM LIABILITY OF THE COMPANY ARISING OUT OF THIS AGREEMENT, THE SERVICES PERFORMED BY THE COMPANY, OR THE RECOMMENDATIONS MADE BY THE COMPANY, SHALL BE EQUAL TO THE ANNUAL FEE SET FORTH IN THE CONTRACT DOCUMENTS, OR \$500, WHICHEVER IS GREATER. A HIGHER LIMIT OF LIABILITY IS AVAILABLE ONLY WITH AN EXPRESS AGREEMENT IN WRITING AND THE PAYMENT OF AN ADDITIONAL FEE BY THE CUSTOMER.

Integrated Agreement.

This Agreement constitutes the entire arrangement between the parties, and there are no Agreements, understandings, restrictions, warranties or representations between the parties other than those set forth herein or herein provided for. All prior or contemporaneous negotiations, Agreements, understandings, statements, representations and warranties are merged into the terms hereof and are superseded hereby.

Choice of Law.

The interpretation and enforcement of this Agreement shall be governed by the laws within the State of

Amendment, Modification and Waiver.

This Agreement may be modified or amended only in writing signed by the" Company" and the "Customer."

Third Party Beneficiaries.

The rights, responsibilities, and obligations of this Agreement are personal and specific to each of the parties, and shall not be binding upon or inure to the benefit of any third party. The "Customer" and "Company" agree that they do not intend, by their performance of this Agreement, to confer any benefit, right, or entitlement upon any third party. The "Company" assumes no responsibility for any third party's reliance on any of the services, analysis, review, or recommendations provided by the "Company" pursuant to this Agreement.

Mediation and Arbitration. The 'Customer' and "Company" agree that, at the sole option of the "Company" any claims or controversies, demands or causes of action of any kind or description arising under or relating to this Agreement, or relating to the interpretation of this Agreement, shall be resolved through mediation and then, if necessary, binding arbitration in accordance with the Construction Industry Rules of the American Arbitration Association.

Upon signing this agreement, the parties hereto have caused this instrument to be signed and sealed on the day and date written below and at the address first written above:



Arkansas Department of Health

4815 West Markham, Slot 46 Little Rock, Arkansas 72205-3867

M23460569M

MEMORANDUM OF AGREEMENT

SUBJECT: ONSITE WASTEWATER SYSTEM APPLICATION

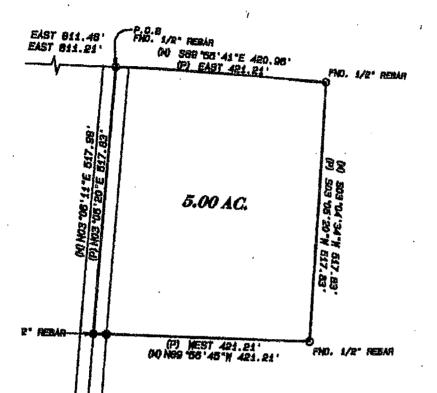
This is an agreement that the onsite wastewater system installed on this property has been permitted under authority of Act 402 of 1977 and by the Arkansas Department of Health with the understanding that the following provisions are met:

- Onsite Wastewater Systems requiring a Monitoring Contract with a Certified Monitoring Personnel are Holding Tanks, Experimental Systems (i.e. Reduced Absorption Areas, *ABGs), and Drip Dispersal Systems. *Aerobic Biological Generators - Commercial applications only, residential applications must follow manufacturers' service contract requirements.
- The property owner assumes all responsibility for the proper operation of the onsite wastewater system.
- The property owner must maintain a monitoring contract with a licensed Certified Monitoring Personnel for the life of the system and retain Onsite Wastewater System Assessments (EHP-71), on file, for at least five (5) years.
- The Arkansas Department of Health has no responsibility in the operation and maintenance of such systems.
- That the Arkansas Department of Health may monitor the system as to its operation capabilities.
- That the Arkansas Department of Health is granted permission to make such inspections as deemed necessary.
- Subsurface systems with flows ≥3000 gpd and all surface discharging systems require the owner to file an additional permit application with the Arkansas Department of Environmental Quality (ADEQ).

That, on the sale of the property, the owner of the property must on the perspective buyer notice of this agreement and any permit equirements. The buyer is to sign memoranda, contracts or permit thange forms and submit these documents to the contracts or permits.	
change forms and submit these documents to the appropriate recognity.	Julatory
	•

agency. ,	and appropriate regulatory
SIGNED: 9000000000000000000000000000000000000	SIGNED:
DATE: 3 (17, 1202)	(Health Department)
	DATE:4-3-2020
FHP-35 (D 1/45)	

EHP-35 (R 1/13)



ENT RESS, NG

N 6845 N. 02. 80, EDS

LEGAL DESCRIPTION: A part of the Northwest Guarter (NM1/4) of the Northwest Guarter (NE1/4) of Section 16, Township 6 South, Renge 13 Mest. Grant County, Arkenses, more particularly described es follows: Commencing at the Northwest corner of said NM1/4 NE1/4: thence East along the North line thersof a distance of 811.21 feet to the Point of Beginning; thence continue East along the North line of said NM1/4 NE1/4 a distance of 421.21 feet; thence South 03 degrees 05 minutes 20 seconds Mest a distance of 517.83 feet; thence North 03 degrees 05 minutes 20 seconds East a distance of 517.33 feet to the Point of Beginning, containing 6.00 acres, more or less. Together WITH AND SUBJECT TO: A 50 foot essement for ingress, egrees, and utilities, the centerline more particularly described as follows: Commencing at the Northwest Guarter (NM1/4) of the Northwest Guarter (NM1/4) of the Northwest Guarter (NM1/4) of the Mortheast Guarter (NE1/4) of Section 16, Township 6 Gouth, Range 13 Mest, thence East along the North line thereof a distance of 811.21 feet to the Point of Beginning; thence South 03 degrees 05 minutes 20 seconds Mest a distance of 1763.86 feet to the center of Grant County Mosd #13 and the Point of Terminus.

Symbol	Description	
Δ	computed corner	
0	fnd. monument	
•	set 1/2" rebar	

Bearings based on the North line of the NH1/4 NE1/4 being considered East-Nost between found monuments.

Survay Reference: An unrecorded subdivision



Google Maps

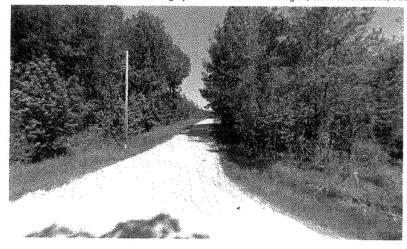
34°12'06.9"N 92°25'01.0"W

№23460569NP

Take hwy 167 south to grant 13 Turn right and follow to the 2nd gravel road on the right This is the last lot on this road. Pine tree covered lot minimal clearing been done in the last few weeks.



Imagery ©2020 Maxar Technologies, State of Arkansas, USDA Farm Service Agency, Map data ©2020



34°12'06.9"N 92°25'01.0"W

34.201924, -92.416941











Directions

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