ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INTENT.

INDIVIDUAL TREATMENT FACILITIES NPDES GENERAL PERMIT ARG550000

Application Type: New 🛛 F	tenewal 🔲 (Permit # A	ARG55)	
I. PERMITTEE/OPERATOR INFORMATION			
Permittee (Legal Name):Jamie Davis	s dear (F	Operator Type:	
Permittee Mailing Address: PO Box 354	St	ate	Partnership
Permittee City: Bryant	Fe	ederal []	Corporation*
Permittee State: AR Zip:	72089 🔀 So	ole Proprietorship/Priva	te
Permittee Telephone Number: _501-672-6592	*State	e of Incorporation:	
Permittee Fax Number:	The l	egal name of the Permi	
Permittee E-mail Address:	identi	cal to the name listensas Secretary of State.	ed with the
II. INVOICE MAILING INFORMATION (Home owne	rs are exempt.)		
Invoice Contact Person: N/A	Cit	y:	
Invoice Mailing Company:		e: Zip	
Invoice Mailing Address:	Telephon	e:	
III. FACILITY INFORMATION			
Facility Name: Jamie Davis Residence	Facility Contact Person:	Jamie Davis	
Facility Address: 9001 Springhill Farm Drive	Telephone Number:	501-672-6592	
Facility County: Saline Fa	acility City, State & Zip:	Alexander, AR 72002	2
Facility Latitude: 34 Deg 40 Min 42.09 Sec Fa	cility Longitude:	92 Deg 31 Min 26.22	Sec
Accuracy: Method: :	Scale:	Description:	,
IV. DISCHARGE INFORMATION	D-20.1		
Outfall Number: 001	Flow:	370 gpd (Gallons per	Day)
	_	8040203	***************************************
Outfall Latitude: 34 Deg 40 Min 41.41 Sec Out Datum	tfall Longitude: 92 D	eg 31 Min 30.06 Sec	
Accuracy: Method: :	Scale:	Description: _	
Type of Treatment: Bio Microbics Microfast 0.5 with UV a			
Receiving Stream:			
V. FACILITY PERMIT INFORMATION			
NPDES Individual Permit Number	* * /		
NPDES General Permit Number			
State Construction Formwater Permit Number	ermit Number: ARR14		

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

VI.	OTHER INFORMATION	I:				
	Operator Name:	David Meint	S			
	Operator License Number:	009055		License	Class: III	in the second
	Consultant Contact Name:	David Meint	te	TANGETY!		
	Consultant Email Address:		cowastewater.com			
	Consultant Address:	PO Box 1001	City: Bryant	State: _A	AR Zi	p: <u>72089</u>
	Consultant Phone Number:	501-804-083	7 Consu	ltant Fax Number	501-821-4048	
Has t	this treatment system been ap	proved by AB	ID? Yes 🛛 No 🗌			
Discl	osure Statements:					
obtai	out one. You must submit a new ned from ADEQ web site at: htter the new certain the new terms of the new ter	tp://www.adeq			*	
n n	understand that the L (Initial) "I certify under penal supervision in accord the information subminformation, the information, the information am aware that there a imprisonment for knowledge."	Department will be a few that lance with a system of law that lance with a system of the lance with a system of the lance with a system of lance with a system of lance lance with a system of lance l	stem designed to assur on my inquiry of the p tted is, to the best of m benalties for submitting ns."	d only by the App all attachments we be that qualified per erson or persons d y knowledge and by g false information	licant." ere prepared under a resonnel properly gathirectly responsible for the pelief, true, accurate, a, including the possible for the property of the possible for the property of the	my direction of the and evaluation gathering the and complete.
Res	ponsible Official Printed Name	: Jamie				
		1	Davis	Title: Owner	<u>r</u>	
	Responsible Official Signature	1	0	Date:	15/22	
	Responsible Official Signature Responsible Official Email	Jami	0	A STATE OF THE STA	15/22	
C		Jedavis	built@yahoo.co	Date: 8/	Class III Operator	
C	Responsible Official Email	jedavisl David Meir	built@yahoo.co	Date: 8/	15/22	
C	Responsible Official Email ognizant Official Printed Name	Jedavisl David Meir	e Cavis built@yahoo.co nts 2a.U.L	Date: 8/	Class III Operator	
	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email	David Meir david@meir	built@yahoo.co nts 2a. U.L ncowastewater.com	Date: 8/	Class III Operator	
х.	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email	David Meir david@meir	built@yahoo.co nts 2a. U.l ncowastewater.com	Date:	Class III Operator	
х.	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email	David Meir david@meir	built@yahco.co nts 2a. U.l ncowastewater.com ON on of permit requirem	Date:	Class III Operator	not be issued!
Х.	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email	David Meir david@meir ZERIFICATIO	built@yahco.co nts 2a. U.l ncowastewater.com ON on of permit requirem	Date:	Class III Operator 501-804-0837	not be issued!
X.	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email PERMIT REQUIREMENT VIPLE Please check the following to vomittal of Complete NOI?	David Meir David Meir david@meir ZERIFICATIO Yes No	built@yahco.co nts 2a. U.l ncowastewater.com ON on of permit requirem	Date:	Class III Operator 501-804-0837	not be issued!
X. Sub	Responsible Official Email ognizant Official Printed Name Cognizant Official Signature Cognizant Official Email PERMIT REQUIREMENT V Please check the following to very second control of the control of	David Meir David Meir david@meir ERIFICATIO erify completio Yes No	built@yahoo.co nts 2a. U.L ncowastewater.com ON on of permit requirem * If No is answered to	Date:	Class III Operator 501-804-0837	not be issued!

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

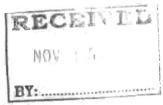
 \boxtimes

Submittal of Disclosure Statement?

www.adeq.state.ar.us

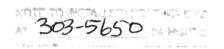


Arkansas Department of Health



4 4 4 4	and the same of th	Department of		<u>h</u>	BY:		mm = + 3, 2 + 3	NAMES CO 6 MASS	Receipt	Number 3	125	2
1										0 000	10.00	
Individual Onsite Wastewater System Permit Application								Fee Schedule fo	r Structu	res		1
Permit Type					Str	Structures 1500 sq ft or less \$ 30.00				\$ 30.00		
Permit Type			oir		1				\$ 45.00			
		Alteration / Repa	air		1	Structures more than 2000 sq ft and up to 3000 sq ft \$ 90.00						
DR Environmental ID	#							than 3000 sq ft and u	ıp to 400	00 sq ft	\$120.00	
7 6 0 1	0 5 5	5 4 7			1		(than 4000 sq ft			\$150.00	
Alteration and Repair \$ 50.00 C												
Part 1 Application ☐ STD = Standard Sept	n Tre	eatment Type (che		+ 1	CI STD =	= Stand	ard Ah	Disposal Metho sorption Field		ck one) = Low Pressur	e Distribution	1
☐ ISF = Intermittent Sar	nd Filter	RSF = Re-circulating	Sand Filte	ər	SUR =	= Surfa	ce Disc	charge	HLD	= Holding Tan = Serial Distrib	k	'
OTH = Other (Describ		☐ RGF = Re-circulating ☐ HLD = Holding Tank	Graveiri	iter	OTH:					= Drip Irrigation		
Owner's/Applicant	's Name							2. Phone Number				
Jamie Davis 3. Mailing Address								(501) 672-659 4. County				
P.O. Box 354, B	Bryant, AR 7	2089						Saline				
5. Address of Propos				ole, at	tach deta	iled di	rection	ns or map)				
9001 Springhill 6. Subdivision Name		, Alexander, AR 72	-	rough	Data		o Da	te Recorded		9. Lot Num	hor	
Springhill Farms			7. App n/a		>3 acres	- 1		rior to rule chanc	ie l	35	nei	
10. Lot Dimensions 239' x 546'			11. To	tal Are	ea (Acres	_		Bedrooms #Peop	,	13. Daily F	low (GPD)	
14. Brief Legal Descri	ption of Prop	erty (Attach a separ	3.0 ate sheet		per, if ne	cessar				370		
Section 32, Tow	nship 1 No	rth, Range 15 Wes										
 Water Supply (Sp. Salem Water Us 		er, if Public Water)				6. GPS Coordinates Not taken Not taken						
17. Loading Rates	(gpd/ft²)	18. System Speci	fications					10				
Primary Area	n/a	a. Size of Septic T		ATU		gal	f.	Trench Depth	n/a		inches	
Secondary Area	n/a	b. Size of Dose Ta	nk	n/a		gal	g.	g. Trench Spacing n/a		feet		
Percolation Test	(min/in)	c. Absorption Area		n/a		ft²	h. ⁻	Trench Media (List	Below)	i.Trench	Width
Primary Area Avg	n/a	d. Number of Field	Lines	n/a				n/a			n/a	in
Secondary Area	n/a	e. Length of Field	Lines	n/a		ft		n/a			n/a	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 and Regulations 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 1 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 Signature Owner/Applicant Signature												
Owner/Applicant Sign	ature	ce back	- 1701	ge				Date				
20. I certify that I have Arkansas Depart	ve conducted		that the	abov	e listed in	nforma	tion is	in accordance with	h the la	test requiren	nents of the	1
D-20	i. Nl	L		Desig	nated Re	epres	entati	ve	So	il Certified	☑ Yes □] No
Designa	ated Represen	tative Signature						Title				
David A. Mei						11/1	2/201		50			-0837
David A. Meints 11/12/2019 501-821-3837/501-804-0837 Print Name Date Phone Number 21. Approval of Health Authority The information and specifications in the application has been reviewed and found to meet the requirements of the Arkansas Department of Health Rules and Regulations Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.												

EHP/19/R 8/13) Page 1

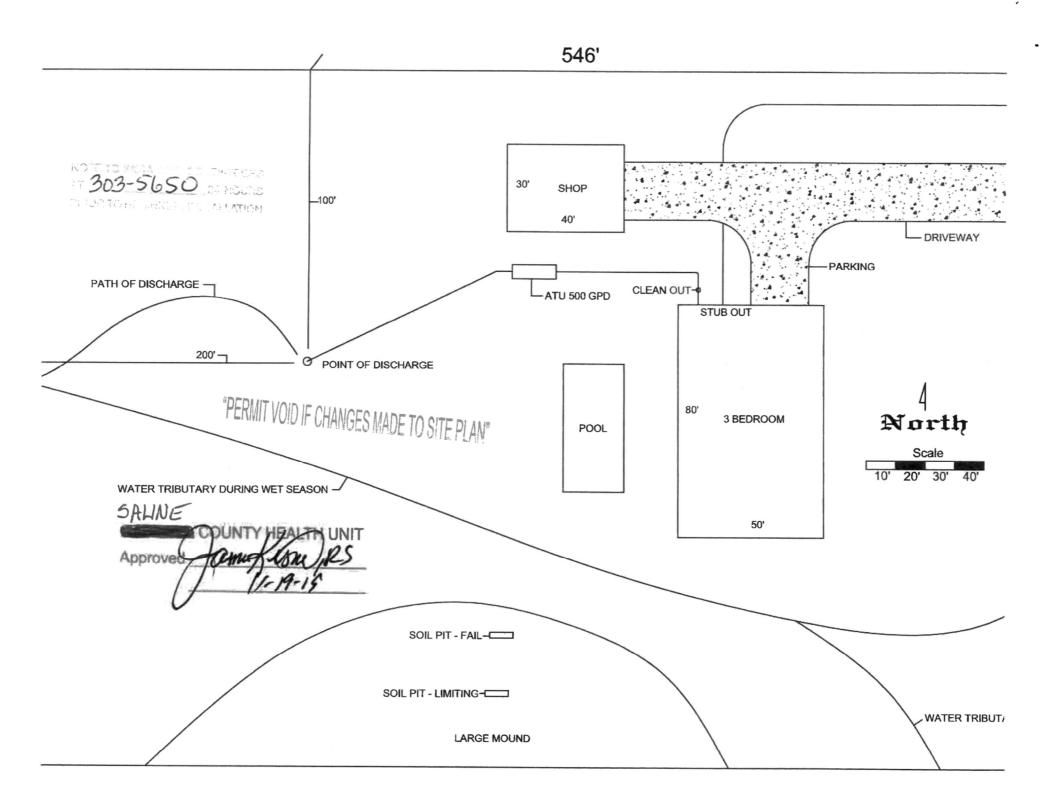


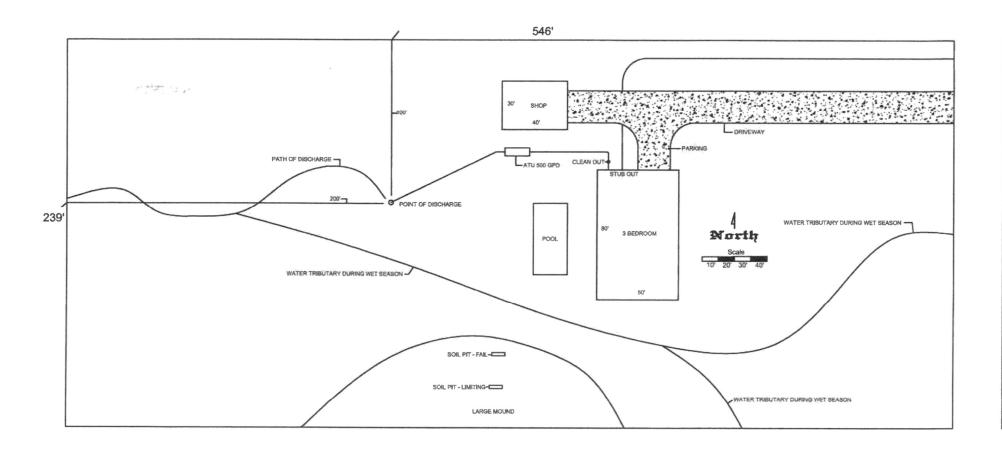
Individual Onsite Wastewater System Permit Application

	- £
Receipt Number	

22. Soil Criteria (Primary Area)				Indicate the depth to items a-f, if observed in the soil (designate in inches)					
a. Bedrock	b. BSW	/T	c. MSWT	d. LSWT	e, Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft²)	
>48"	48" 23" 28"		28"	41"	26"	34"	Mod/41"	0.43	
23. Soil Criteria (Secondary Area) Indicate the depth to item					th to items a-f, if o	bserved in the soil (d	lesignate inches)		
a. Bedrock	b. BSW	/T	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft²)	
>48"	Surfac	е	18"	n/a	n/a	n/a	n/a	Unsuitable	
24. Seasona	Water T	able (SWT) Classes [Detail					
Primar	y Area			List	Redoximorphic Fe	eatures and/or Clay	Content Restriction	ns	
Brief		in	Depletions no	ted on 20% or less	s of ped surface of	r interior. Depletion of	hroma >= chroma	3.	
Moderate		în	Depletions n	Depletions noted on less than 50% of ped surface or interior. Depletion <= chroma 2.					
Long		in	Depletions n	Depletions noted on more than 50% of ped surface or interior. Depletion <= chroma 2.					
Second	ary Area			List	Redoximorphic Fe	eatures and/or Clay (Content Restriction	ns	
Brief		in	Depletions no	ted on 20% or less	s of ped surface of	r interior. Depletion of	hroma >= chroma	3.	
Moderate						oma 2.			
Long		in	n/a						
Soil loaded at 0.43 but not enough room on slope for absorption lines. Site will require an ATU (BioMicrobics Fast 0.5) with UV disinfection and surface discharge. NPDES Permit required. If system is not installed within a year of the date approved, a revalidation fee may be required.									

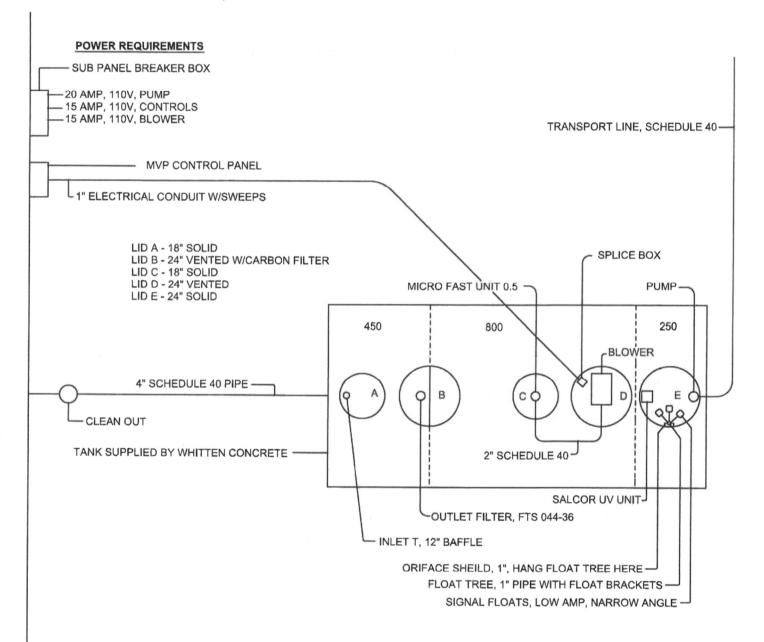
If system is not installed within a year of the d	late approved, a revalidation fee ma	y be required.
Part 2 Installation Inspection		
Septic tank manufacturer	Pump information	
Septic tank material	Trench media and width	
Dose tank manufacturer ATN White	Depth of interceptor drain	
Dose tank material	Depth of settled fill	
Name of Installer		License Number
Installation Inspected by Environmental Health Specialist (check one or installer signs System Installation Verification below)	Designated Representative	1000011
Signature	EHS / License Number	Date
System Installation Verification I have installed this system as designed and in compliance with all Rules a	nd Regulations Pertaining to Onsite Was	tewater Systems.
Installer Signature	1985219 Excense Number	6/10/20
Part 3 Permit for Operation		, ,
The information contained in Part 1 and 2 of this form has been reviewed a Health. THE PERMIT FOR OPERATION of this system is hereby issued.	nd found to meet the requirements of the	Arkansas Department of
Environmental Health Specialist	EHS Number	10/12/2000 Date
Comments		
Site Revalidation conducted by Environmental Health Special (check one)	alist Designated Rep	resentative
Signature	EHS / License Number	Date
FHD-10 (R 9/13) Page 2 of 2		





BIO-MICROBICS MicroFAST 0.5 SPECIFICATIONS DISTRIBUTOR - MEINCO, INC.

501-804-0837, DAVID MEINTS



BIO-MICROBICS MicroFAST 0.5 WIRING SPECIFICATIONS DISTRIBUTOR - MEINCO, INC.

501-804-0837, DAVID MEINTS

GOES TO

MVP TERMINAL 6

MVP TERMINAL 7

MVP TERMINAL 1

MVP TERMINAL 2

MVP TERMINAL 3

BLOWER PANEL UV

BLOWER PANEL UV

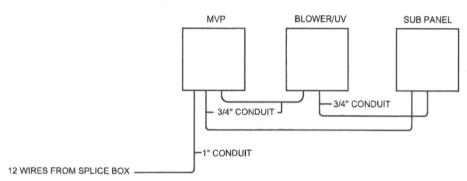
BLOWER PANEL BLOWER

BLOWER PANEL BLOWER

BLOWER PANEL BLOWER

MVP TERMINAL 5

MVP GROUND TERMINAL



MVP PANEL WIRING REFERENCE

PUMP BLACK (BLACK) PUMP WHITE (YELLOW) PUMP GROUND (GREEN) BOTTOM FLOAT BLACK (BLUE) MIDDLE FLOAT BLACK (BLUE BLACK) TOP FLOAT BLACK (RED) FLOAT COMMONS WHITE (RED BLACK)

UV BLACK (ORANGE BLACK) UV WHITE (ORANGE)

BLOWER BACK BLOWER WHITE BLOWER GROUND

MVP PANEL SETTINGS LOGO UNIT

TIMER ON	(SEC)	30:00
TIMER OFF	(MIN)	30:00
TIMER OVR ON	(SEC)	30:00
TIMER OVR OFF	(MIN)	03:00
TOTAL TIMER OVR	(MIN)	10:00
HLA DELAY	(HRS)	04:00

BLOWER PANEL WIRING REFERENCE

FROM BLOWER

BLOWER BLACK (BLACK) BLOWER WHITE (WHITE) BLOWER GROUND (GREEN) BLOWER TERMINAL L1 BLOWER TERMINAL N/L2 BLOWER TERMINAL G

GOES TO

NOTE: CURRENT SENSOR JUMPER NEEDS TO BE MOVED TO "OFF"

SUB PANEL WIRING REFERENCE

FROM SUB PANEL	GOES TO
20 AMP 110V, PUMP CIRCUIT	MVP PANEL 20 AMP BREAKER
20 AMP 110V, NEUTRAL	MVP PANEL 20 AMP BREAKER
GROUND	MVP PANEL GROUND
15 AMP 110V, CONTROL CIRCUIT	MVP PANEL 10 AMP BREAKER
15 AMP 110V, NEUTRAL	MVP PANEL TERMINAL N
15 AMP 110V, BLOWER CIRCUIT	BLOWER PANEL POWER L1
15 AMP 110V, NEUTRAL	BLOWER PANEL N/L2
GROUND	BLOWER GROUND



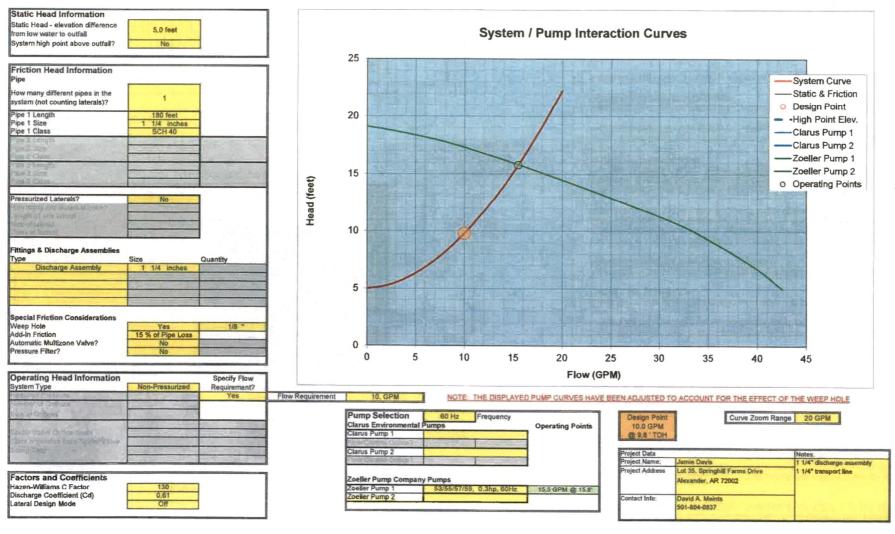
ENVIRONMENTAL

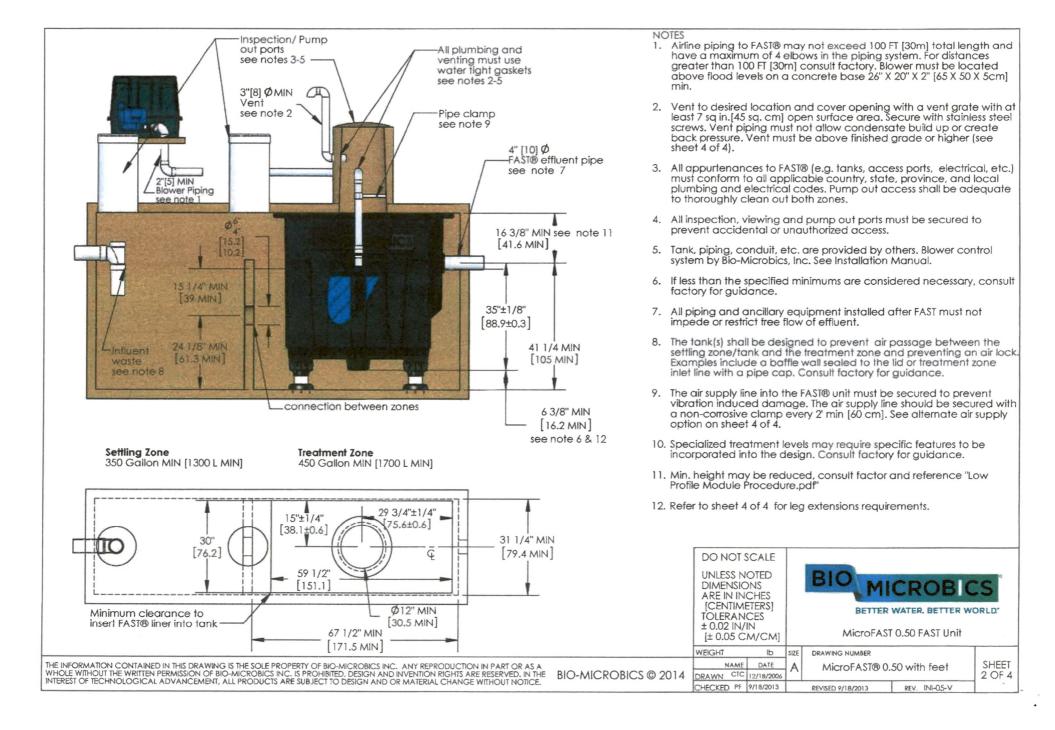
Zoeller Family of Water Solutions

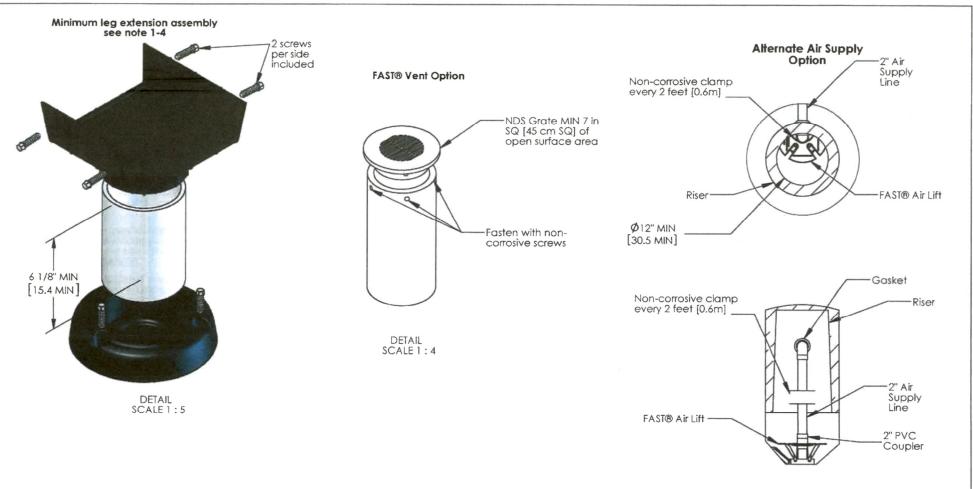
Zoeller Company



System Head Curve and Pump Selection Tool







Notes

- 1. 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). Consult factory for extending leg beyond 36"[90 cm].
- 3. Anchor the leg extensions to the tank with non-corrosive hardware (not included) at the provided mounting points.
- 4. If less than the specified minimums are considered necessary, consult factory for guidance.
- The air supply line into the FAST® 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.
- 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] BIO MICROBICS

MicroFAST 0.50 FAST Unit

BETTER WATER, BETTER WORLD

WEIGHT 16 SIZE

NAME DATE

DRAWN CTC 12/18/2006

HECKED PF 9/18/2013

A DRAWING NUMBER

MicroFAST® 0.50 Details

SHEET 4 OF 4

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BIO-MICROBICS © 2014

RÉVISED 9/18/2013 REV. INI-05-V

Specifications for MicroFAST 0.50 Wastewater Treatment System

1. GENERAL

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 shown on the drawings and specified herein.

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

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 system not meant for non-biodegradable or industrial wastewater.

3. MEDIA

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 two-piece, 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. FLECTRICAL

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 any part is defective 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., is factory postage pold, if so requested. The cost of lobor 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, acrator components which have been damaged by flooding or any components that have been disassembled by unauthorized persons, improperly installed or damaged due to allered 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 tank 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 parts thereof, without incurring any obligation to make such changes ar modifications in present equipment. Bio-Microbics, Inc. is not responsible for consequential or incidental damages of any nature resulting from such things as, 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

[± 0.05 CM/CM]

± 0.02 IN/IN

BIO MICROBICS

MicroFAST 0.50 FAST Unit

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Salcor 3G UV Disinfection Unit NOTE!: Not all dimensions to scale Ground Level Electrical Junction Box Waterproof gland with LED indicator, Balast, for Lamp Cable and Alarm contacts ABS Schedule 40 1" PVC Pipe Handle for 4" Riser Pipe 26" Removal (adjustable at Installation) ABS Schedule 40 4" pipe-Treatment > Anodized Plant Disinfected Effluent Aluminum Effluent Disinfection Support Frame Chamber ABS Schedule 40 3" pipe-31.5" UV Lamp, Quartz tube Section A-A & Teflon Cover UV Lamp Quartz Tube & Teflon Cover Support Frame and Gasket Figure 1

In Ground Installation

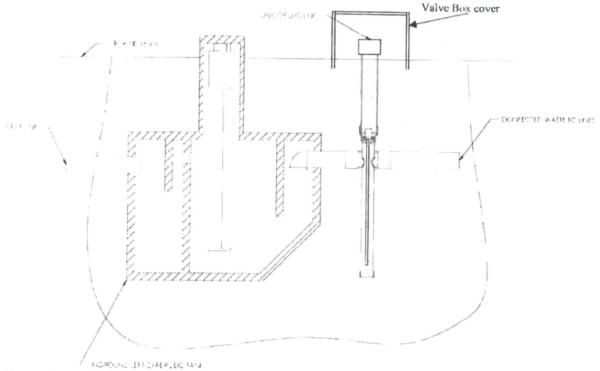


Figure 2

In Tank Installation

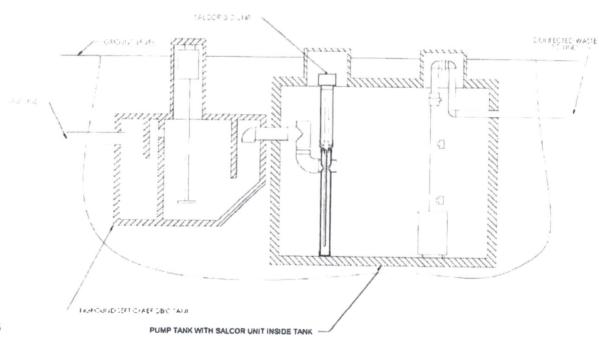


Figure 3

SALCOR INC.

P.O Box 1090 Fallbrook, Ca. 92088 Telephone: 760 731 0745

V. ELECTRICAL JUNCTION BOX LID

The Ballast and terminal strips are now mounted on the Alarm Board, mounted to the Junction Box Lid.

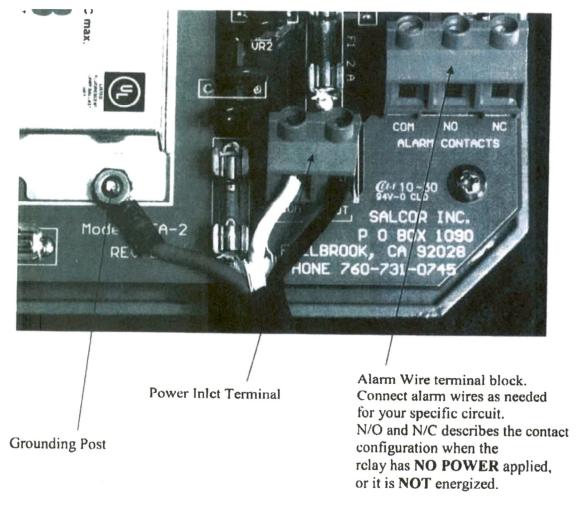


Figure 4

Contract Numb	er Davis
Contract Numb	er. Davis

SERVICE AND MAINTENANCE CONTRACT

1. Parties. This contract ("Agreement" or "Contract") is between Meinco Septic Systems, Inc., ("Meinco") and

	collectively as the "Parties."		, (Cheft), referred to individually as a Party and
2.	Service Location. This is a Contract for septice: Meinco for Client located at 9001 Springhill Farm Drive, hereinafter referred to as the "Service Site."	syste , Alexa	m service and maintenance services provided by ander, AR 72002
3.	Service Fees. Client agrees to pay Meinco Ninet service and maintenance specifically work performmore specifically below (hereinafter referred to a invoiced amount is good consideration for this Conbargained for terms of this agreement.	med s	every Three Months (Quarterly) and described ervice Work"). Meinco and Client agree that the
4.	Materials Charges. During regular maintenance Meinco will replace materials necessary to keep the septic system operating efficiently (chlorine tablets, UV light bulbs, floats, filters, etc.). Meinco and Client agree that Meinco shall submit to client the costs of maintenance parts and materials and Client will promptly pay the same.	9.	Modification to System. If the septic system is modified, abused, mis-used, or altered, then Meinco's responsibility to service or maintain the septic system is terminated. Meinco may remedy such conditions by replacing parts or correcting defects. If Meinco makes such changes to the septic system, then it may charge to client the
5.	Laboratory Fees. A) This paragraph is inapplicable. B) Client agrees that Meinco will use a third party laboratory, Environmental Services, Inc., for any sampling that is required under this Contract. In such event,		costs of repairs, modifications, parts, and labor. Meinco may, at its discretion, seek payment in advance of making any repairs or modifications to the septic system. In such event, Meinco shall not be responsible for any damage or adverse effects for its delay in making repairs or modifications to the septic system.
	Meinco shall submit to Client a laboratory fee of \$125.00 and Client will promptly pay the same.	10.	Access to System. Client agrees to provide Meinco access to the septic system as well as its parts and components.
6.	Services Provided. Meinco agrees to provide the following Service Work to the Client and the Service Site:	11.	Termination by Client . Client may terminate this contract by providing thirty (30) days written notice to Meinco.
	A) Maintenance requirements, including review of system components and their working condition, monitoring of solid levels to determine system efficiency, and periodic cleaning of system filters or media.	12.	Termination by Meinco. Notwithstanding, and in addition to, any other provision or term in this Contract, MEINCO MAY TERMINATE THIS CONTRACT AT ANY TIME AND WITHOUT PREVIOUS NOTICE TO CLIENT.
	B) I. This paragraph is inapplicable. II. Necessary sampling and submission of paperwork every month(s) or as required to comply with the Arkansas Department of Health Onsite Maintenance Program.	13.	Solid Removal. Solid removal is not a covered service and shall incur an additional fee. If Meinco removes solids from the septic system, then it may charge to client the costs of solid removal. In any event, Meinco shall not be responsible for any damage or adverse effects for any delay in removing solids.
	C) Necessary paperwork every 6 month(s) as required to comply with the Arkansas Department of Health and/or the Arkansas Department of Environmental Quality.	14.	Indemnity. To the fullest extent permitted by law, Client shall indemnify, hold harmless, and defend Meinco and any agent or
	D) I. This paragraph is inapplicable. II. Sampling of discharge every 6 month(s) in coordination with a 3rd party laboratory for required laboratory tests.		employees of Meinco from and against all injuries, claims, damages, losses, and expenses, including, but not limited to, attorneys' fees, arising directly or indirectly out of the obligations herein undertaken or resulting out of operations related to the Service Work or Service Site conducted by Meinco, Meinco's agents, anyone directly or indirectly
7.	Contract Duration. This contract shall be for a period of $\underline{24}$ month(s) from the date this Contract is executed by the parties on page 2		indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such injury, claim damage, losses, or expenses is caused in part by a party indemnified. Such obligation shall not negate, abridge, or otherwise reduce the rights or obligations of indemnity which would otherwise exist to a party or
3.	Flow Requirements. This contract shall be null and void if septic system flow exceeds 450 gallons per day		person described in this paragraph.

- Assignment. Client agrees that even though this is a contract for services, Meinco may assign this Contract to any third party without written notice to Client.
- Bilateral Contract. Meinco and client specifically agree that Client is seeking Meinco's promise to perform and not its performance.
- 17. Claims Against Melnco. Client shall give Meinco written notice of all claims within five (5) days of Client's knowledge of facts giving rise to the event for which claim is made. Otherwise, such claims shall be deemed waived by Client. All unresolved claims, disputes, and other matters in question between Meinco and Client shall be resolved in the manner provided for in this Agreement.
- 18. Rights Upon Breach. If Client breaches this Agreement with Meinco, Meinco may stop all work, including all Service Work. Additionally, Client will be liable to Meinco for consequential, incidental, and reliance damages as well as attorneys' fees and court costs. Such liability upon Client shall extend to petitions for and orders of contempt as well as any attempts by Meinco to collect upon any debt or damages owed to it by Client, including those entered by court of law or other dispute resolution proceeding.
- 19. Direct Discussion. If a dispute arises out of or relates to this Agreement, the Parties shall endeavor to settle the dispute through direct discussion before advancing to any dispute resolution proceeding.
- 20. Joint Drafting. The Parties expressly agree that this Agreement was jointly drafted and that this Agreement shall be construed neither against nor in favor of either Party. Instead, this Agreement shall be construed in a neutral manner.
- 21. Choice of Law. The Parties expressly agree that any dispute or claim filed or heard in any jurisdiction concerning or relating to this Agreement or worked performed as a result of this Agreement shall be governed by the laws of the State of Arkansas.
- 22. Forum Selection and Choice of Venue. The Parties expressly agree that any dispute or claim arising from, filed, or heard concerning or relating to this Agreement or work performed as a result of this Agreement shall be heard in Saline County, Arkansas, and no other forum. If this clause is penetrated and the hearing

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- concerning the dispute removed to the United States federal court system, then the Parties expressly agree that the dispute shall be heard in the United States District Court for the Eastern District of Arkansas, Western Division, at the Richard Sheppard Arnold United States Courthouse in Little Rock, Arkansas.
- 23. Walver of Agreement Terms. Meinco, at its sole discretion and leisure, may waive any term in this Agreement. Such waiver shall not, under any conditions or circumstances, constitute a modification of this Agreement. Additionally, such wavier shall not, under any conditions or circumstances, constitute a course of performance, course of dealings, or trade usage between Meinco and Client. Any waiver by Meinco shall be limited to a single incident or event. No waiver of any term of this Agreement is valid unless it is in writing, signed by Meinco, and attached to this Agreement as an addendum. It is the responsibility and duty of Client to draft any written waiver and to present it to Meinco for Meinco's approval and signature.
- 24. Force Majeure. Neither Party shall be in breach of its obligations under this Agreement (other than payment obligations) or incur any liability to the other Party for any losses or damages of any nature whatsoever incurred or suffered if and to the extent that the other party it is prevented from carrying out its obligations by, or such losses or damages are caused by, a force majeure event. For purposes of this paragraph, the failure of the state of Arkansas or the United States of America to act according to current practices, procedure, or law at the time of the making of this Contract shall be considered a force majeure event. Such event by the government shall be in addition to any current or commonly accepted definition of force majeure event.
- 25. Merger and Integration. Meinco and Client agree that this Agreement represents a full, final, and complete memorial of their Agreement for the Service Work and that this Agreement does not rely upon any term or promise not otherwise specified within the four corners of this Agreement.
- 26. No Oral Modification. Meinco and Client agree that this Agreement shall not be subject to oral modification. The Parties agree that any modification made or agreed to by the Parties shall be in writing, signed by both Parties, and attached to this Agreement as an Addendum.

Date

By signing this Agreement below, I indicate that I have read this Agreement and its terms, consisting of two (2) pages, excluding any Addendum or Addenda, and that these express terms are both acceptable and agreeable to me. I further declare that these terms do not represent an undue hardship, are not illusory, and are not unconscionable as I have expressly bargained for these terms in consideration of entering into this Contract for the value specified in paragraph three (3).

Dela. Ned	11/12/2019		
Melnco Septic Systems, Inc.	Date		
Jamies Paris	11/13/19		



Arkansas Department of Health Environmental Health Protection

Receipt	Number		

Individual Onsite Wastewater System Permit Application							Fee Schedule for Structures √						1	
Permit Type	vpe I/I New Installation								\$ 30.00					
.,,		Alteratio	n / Rena	air	Structures more than 1500 sq ft and up to						\$ 45.00			
	_	711010110	т тор				Structures more than 2000 sq ft and up to					\$ 90.00		
DR Environmental ID	#						Structures more than 3000 sq ft and up to 40 Structures more than 4000 sq ft				o sq it	\$120.00 \$150.00		
7 6 0 1	0 5 5	5 4	7					and Re	•			\$ 30.00		
Part 1 Application STD = Standard Sept	ic Tank	ATU = Aerol	oic Treat	ment Plan	nt				sorption Field [LPD:	Low Pressur		ภา	
☐ ISF = Intermittent Sand Filter ☐ RSF = Re-circulating Sand Filter ☐ PMF = Proprietary Media Filter ☐ RGF = Re-circulating Gravel Filter ☐ CFF = Capping Fill ☐ CFF = Capping F														
Owner's/Applicant					1				2. Phone Numbe	r				
Jamie Davis									(501) 672-659	2				
3. Mailing Address P.O. Box 354, B	rvant. AR 7	72089							4. County Saline					
5. Address of Propos 900 Springhill	,				ble, at	tach deta	iled d	rection	ns or map)					
6. Subdivision Name		ruonariaar	, , , , , , ,	7. App	proval	Date		8. Da	te Recorded		9. Lot Num	ber		
Springhill Farms	3			-		>3 acres		P	rior to rule chang	е	35			
10. Lot Dimensions 239' x 546'				11. To		ea (Acres)	12. #	Bedrooms # Peop	ole	13. Daily F 370	iow (GPD)	w (GPD)	
14. Brief Legal Descri	ption of Prop	erty (Attach	a separ		_	aper, if ne	cessa				370			
Section 32, Tow				st, Salir	ne Co									
15. Water Supply (Sp Salem Water Us		er, if Public W	/ater)			16. GPS Not tal		rdinate	_	t taker	1			
17. Loading Rates	(gpd/ft²)	18. System	n Speci	fications										
Primary Area	n/a	a. Size of	Septic T	ank	ATU	1	gal	f.	Trench Depth	n/a		inches		
Secondary Area	n/a	b. Size of	Dose Ta	ank	n/a		gal g. Trench Spacing n/a feet							
Percolation Test	(min/in)	c. Absorpt	on Area	3	n/a		ft ² h. Trench Media (List Below) i.Trench				h Width			
Primary Area Avg	n/a	d. Number	of Field	Lines	n/a			n/a n/a				n/a	in	
Secondary Area	n/a	e. Length	of Field	Lines	n/a		ft	ft n/a			n/a	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 and Regulations 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 Sign 20. I certify that I ha	7	the Above t	ests an	d that the	e abov	e listed in	nforma	ation is	in accordance with	n the la	test requirer	nents of th	е	
Arkansas Depart	ment of Heal			ations Pe	ertainin	ng to Onsi	ite Wa	stewa	ter Systems.					
Design		tative Signatur	nA .		Desig	nated R	epres	entati		So	il Certified	Yes [□ No	
Designated Representative Signature Title David A. Meints 11/12/2019 501-821-3837/501-804-(4-0837								
21 Approval of Healt	AND REAL PROPERTY AND REAL PROPERTY AND REAL PROPERTY.	int Name		*					Date		Phone	a Number		
21. Approval of Health Authority The information and specifications in the application has been reviewed and found to meet the requirements of the Arkansas Department of Health Rules and Regulations Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued. Environmental Specialist Signature Environmental Specialist Signature ENS Number Date														
Env	"OF IRMIDITION	CHAIRST CIGNATI	31 G					CH	S Number		Date	j		



Arkansas Department of Health

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

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.
- 2. The property owner assumes all responsibility for the proper operation of the onsite wastewater system.
- 3. 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.
- 4. The Arkansas Department of Health has no responsibility in the operation and maintenance of such systems.
- 5. That the Arkansas Department of Health may monitor the system as to its operation capabilities.
- 6. That the Arkansas Department of Health is granted permission to make such inspections as deemed necessary.
- 7. 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).

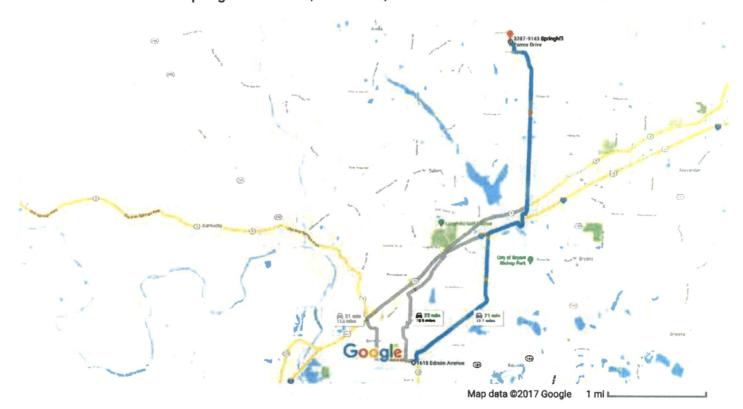
8.	That, on the sale of the property, the owner of the property must disclose
	to the perspective buyer notice of this agreement and any permit
	requirements. The buyer is to sign memoranda, contracts or permit name
	change forms and submit these documents to the appropriate regulatory
	agency.

SIGNED	Jamie Pavis	SIGNED: (Health Department)	5
	(Property Owner)	(Health Department)	
DATE:	11/13/19	DATE: 1/-19-19	

Google Maps

1615 Edison Ave, Benton, AR 72015 to 3287-9143 Springhill Farms Dr, Alexander, AR 72002

Drive 10.7 miles, 21 min



1615 Edison Ave

Benton, AR 72015

Take Benton Pkwy, Alcoa Rd and Springhill Rd to Springhill Farms Dr in Owen Township

1.	Head east on Edison Ave	20 min (10.3 mi)
		285 ft
3.	Continue onto Alcoa Rd	2.6 mi
4.	Turn right toward I-30 Frontage Rd (signs for I-30 E/Little Rock)	1.7 mi
5.	Turn right onto I-30 Frontage Rd	0.1 mi
6.	Turn right (signs for I-30 W)	0.8 mi
7.	Turn left onto Springhill Rd	0.6 mi
8.	Turn right onto Springhill Farms Dr	4.5 mi
	 3. 4. 6. 	 Turn left onto Benton Pkwy Continue onto Alcoa Rd Turn right toward I-30 Frontage Rd (signs for I-30 E/Little Rock) Turn right onto I-30 Frontage Rd Turn right (signs for I-30 W) Turn left onto Springhill Rd

58 s (0.4 mi)





PO Box 1001 * Bryant, AR 72089

ADEQ Water Permits 5301 North Shore Drive North Little Rock, AR 72118

