### ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

#### NOTICE OF INTENT

### INDIVIDUAL TREATMENT FACILITIES NPDES GENERAL PERMIT ARG550000

Application Type: New ⊠	Renewal [ (Per	mit # ARG55_	)			
I. PERMITTEE/OPERATOR INFORMATION						
Permittee (Legal Name): Ryan Mooney, Kathy	Whaley		Operator Type:			
Permittee Mailing Address:1685 S Silverthorne I	Or	☐ State	☐ Partnership			
Permittee City: Little Rock		☐ Federal	Compression*			
Permittee State: Arkansas	Zip: <u>72207</u>	Sole Pro	prietorship/Private			
Permittee Telephone Number: _501-650-2105		*State of In	corporation:			
Permittee Fax Number: NA The legal name of the Permittee mus						
Permittee E-mail Address: r.james.mooney@gm			o the name listed with the ecretary of State.			
II. INVOICE MAILING INFORMATION (Home of	owners are exempt.)		1			
Invoice Contact Person: N/A		City:				
Invoice Mailing Company:			Zip:			
Invoice Mailing Address:		Telephone:				
Facility Name: Mooney-Whaley Residence Facility Address: 1685 S Silverthorne Dr Facility County: Saline Facility Latitude: 34 Deg 44 Min 59.06 Sec Accuracy: Method:	Telephone Facility City, Stat Facility Longitude	Number: 501  ee & Zip: Little: 92	nn Mooney -650-2105 le Rock, Ar 72210 Deg 35 Min 16.35 Sec Description:			
IV. DISCHARGE INFORMATION  Outfall Number: 001	<del>-</del>	The same of the sa	_gpd (Gallons per Day)			
Stream Segment: 3C Outfall Latitude: 34 Deg 44 Min 56.51 Sec	<ul> <li>Hydrologic Basin</li> <li>Outfall Longitude:</li> </ul>					
The state of the s	_ Outrail Longitude. atum	92 Deg 33	VIIII 18.93			
Accuracy: Method:		ale:	Description:			
Type of Treatment: AX20RTUV with UV disinfection	on					
Receiving Stream: Arkansas River						
V. FACILITY PERMIT INFORMATION						
NPDES Individual Permit Nu						
NPDES General Permit Nu	imber (If Applicable): ction Permit Number:					
NPDES General Construction Stormwater Permit Nu						

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

VI. OTHER INFORMATION:	
Operator Name:	David Meints
Operator License Number:	009055 License Class: III
Consultant Contact Name:	David Meints
Consultant Email Address:	
Consultant Address:	
Consultant Phone Number:	501-804-0837 Consultant Fax Number: 501-821-4048
Has this treatment system been app	roved by AHD? Yes 🛛 No 🗌
Disclosure Statements:	
statement with their applications. The without one. You must submit a new be obtained from ADEQ web site at: h	ssued by the Arkansas Department of Environmental Quality (ADEQ) file a disclosure filing of a disclosure statement is mandatory. No application can be considered complete disclosure statement even if you have one on file with the Department. The form may <a href="http://www.adeq.state.ar.us/disclosure_stmt.pdf">http://www.adeq.state.ar.us/disclosure_stmt.pdf</a> .
VII. CERTIFICATION OF OPERATOR	k.
(nitial) "I certify that, if this facility is a corpo	oration, it is registered with the Secretary of the State of Arkansas."
representative under the provisions understand that the Department will a understand that the Department will a supervision in accordance with a system information submitted. Based of information, the information submitted.	al designated in this Application is qualified to act as a duly authorized of 40 CFR 122.22(b). If no cognizant official has been designated, I accept reports signed only by the Applicant."  It this document and all attachments were prepared under my direction or stem designed to assure that qualified personnel properly gather and evaluate in my inquiry of the person or persons directly responsible for gathering the ted is, to the best of my knowledge and belief, true, accurate, and complete. I benealties for submitting false information, including the possibility of fine and is."
	Tile Owner
Responsible Official Printed Name:  Responsible Official Signature:	Date: 10/3/2027
Contract of the second	100
Responsible Official Email:	Title: Class III Operator
Cognizant Official Signature:	Telephone: 501-804-0837
Cognizant Official Email: david@meincowaster	
X. PERMIT REQUIREMENT VI	ERIFICATION
Please check the following to ver	rify completion of permit requirements.
	Yes No * If No is answered for any of the questions, then a permit can not be issued!
Submittal of Complete NOI?	
Submittal of Required Permit Fee?	Check Number:
Submittal of AHD Form EHP-19?	
Submittal of Site Map?	

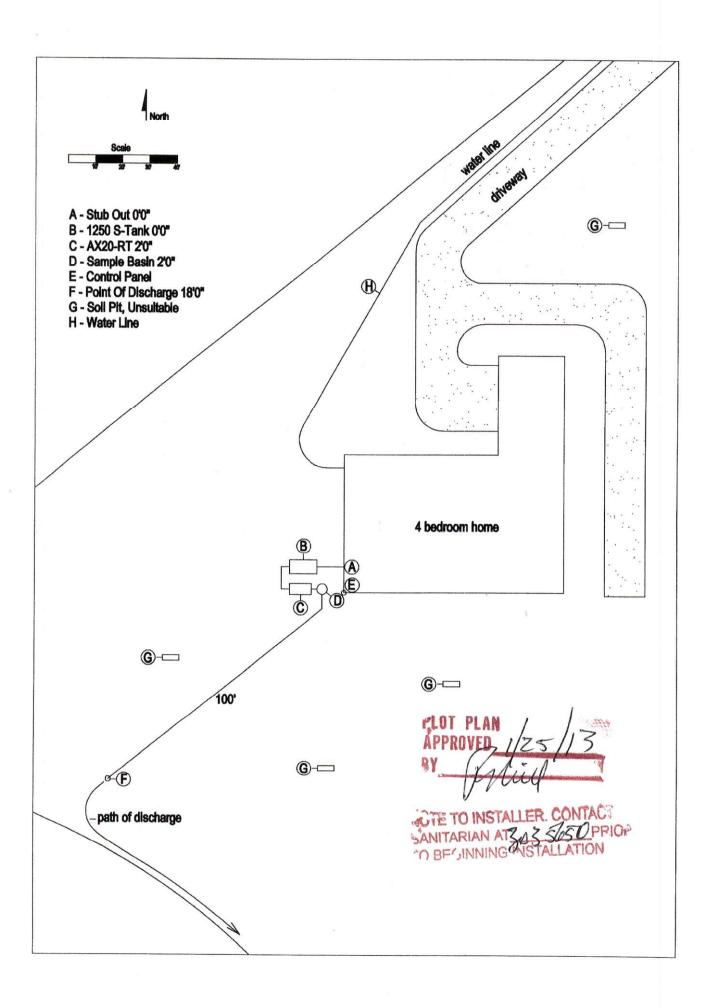
WATER DIVISION 5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118 PHONE 501-682-0623 / FAX 501-682-0880

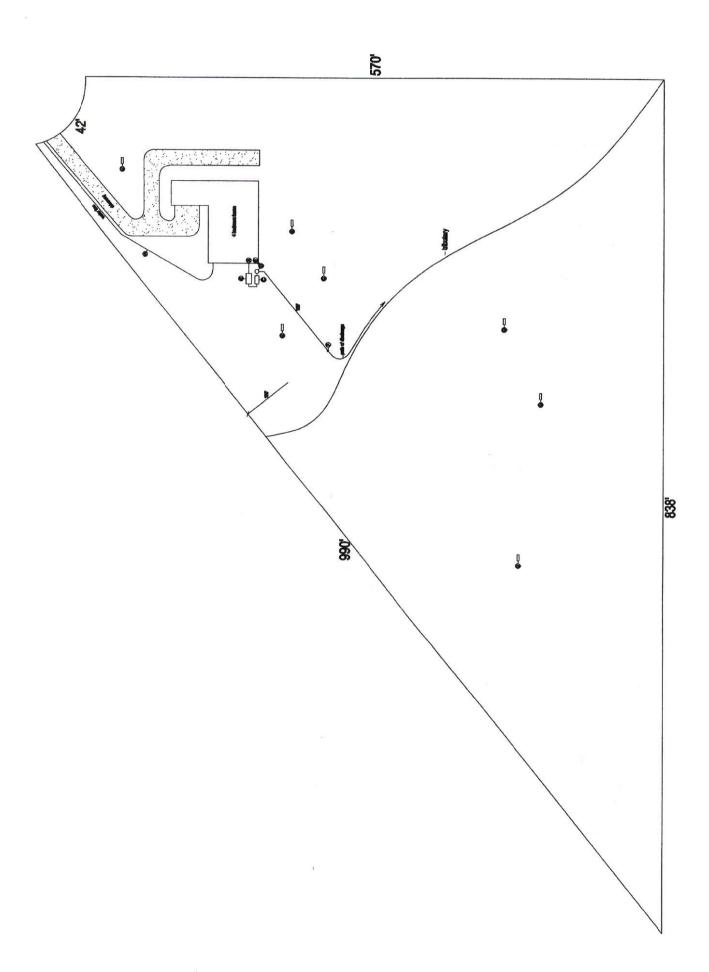


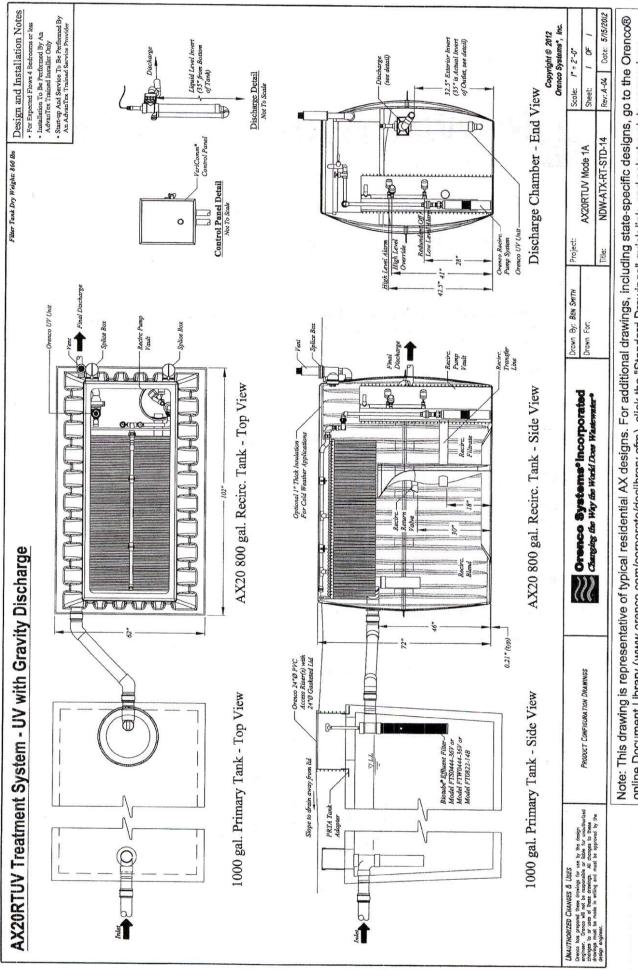
## **Environmental Health Protection**

Individual Onsite System Permit Application						Fee Schedule for Structures   √								
Permit Type Mew Installation				10.0	Structures 1500 sq ft or less \$30.00									
			×							00 sq ft and		1.00000110-001 <b>0</b> 11110	\$ 45.00	-
	10010	0 20-		ration / Repair		1 .	Structures more than 200 Structures more than 300						\$ 90.00 \$120.00	
)	JAN 2	j (1).	)				Structure	s more	than 40	00 sq ft			\$150.00	1
n	R Environr	montal I	Johnso #	n666			Alteration	and R	lepair				\$ 30.00	
7 6	0 1	0 5		4 7			/							
Part 1	Treatmer	at Type	(check on	2)		Dian	adal Ma	.+b.a.d	(ahaal					
Part 1 Treatment Type (check one)    STD = Standard Septic Tank								ding Tank al Distribution	ition					
1. Owner's/				Tiolding Falls			7111 - 0(1	161		2. Phone	-		ingation	
Michae	Johnson	c/o Ran	dy lyes				TO SECURE OF THE PROPERTY OF T							
Mailing A	***************************************	c/o itali	dy ives				501-658-2281 4. County					-		
		Road A	Mexander /	rkansas 72002		1,				Saline	•			
5. Address	of Propose	d Syster	m (If a 911 a	ddress is not availa	able, atta	ch deta	iled dire	ctions	or map	).)		-		
Lot 31, 6. Subdivision	Westcliffe	, Phase	I, Little Roc	k, Arkansas 72210									T 0 1 - 1 N	
Westcli	ffe			n/a	roval Dat					te Recorde n/a	∍a	9. Lot Number 31		
10. Lot Dime	ensions 338' x 570'						ea (Acre	s)	12. # Bedrooms # Ped			eople 13. Daily Flow (GPD)		
14. Brief Leg	al Descrip	tion of P	roperty (Att	ach a separate she	5.! et of pape	er if nec	cessary.	)	4				450	
	N R-15-W													
15. Water S	upply (Spe Nater Use		plier if Publi	c Water.)		16.	GPS Co			3841 W S- 1	1 147			
17. Soil Dete	ermination	(Primary			ne depth t	o items	s a-f if ob	serve	ed in the	soil (design	gnate in			
a. Bedrock	b. BSWT	C.	MSWT	d. LSWT	e. Adj. N	ISWT	f. Adj.	LSW	T	g. H.C./C	epth	h. Loa	ading Rate (GPI	D/ft <sup>2</sup> )
48"	surface		12"	12"	n/			n/a		Low/			suitable	
18. Soil Dete	b. BSWT	-	MSWT	d. LSWT	ne depth e. Adj. N		f. Adj.			e soil (desi g. H.C./D			ading Pata (CDI	7/62
48"							1		1				ading Rate (GPI	<i>Σ/π )</i>
19. Percolati	surface on Test (m		12" 20. S	stem Size	n/	a		n/a		Low/	12"	un	suitable	
Rate for Hole	e 1	n/a	a. Siz	e of Septic Tank	12	50	gal	f. T	rench [	Depth	n	/a	inches	
Rate for Hole	e 2	n/a	b. Siz	e of Dose Tank	n/	а	gal g. Trend		rench S	ch Spacing n/a			feet	
Rate for Hole	e 3	n/a	c. Abs	sorption Area	n/.	a	ft <sup>2</sup> h. Trench M			Media T			Trench Width	
Alt Area Perd	С.	n/a	d. Nu	mber of Field Lines	n/	a	n/a				n/a			in.
Average Per	c. (1-3)	n/a	e. Ler	igth of Field Lines	n/	a	ft n/a					n/a	in.	
Comments	ed treatme	ent with	surface dis	charge. NPDES per	mit requ	ired.								
21. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems, Designated Representatives and Installers.    Designated Representative 198   Soil Certified   XYes   No Title														
Typed Name Date Phone Number														
22. Approval of Health Authority: The information above has been reviewed and found to meet the requirements of the Arkansas Department of Health for Onsite Wastewater Systems, Designated Representatives and Installers.														
A PERMIT FOR CONSTRUCTION is hereby issued														
Environmental Health Specialist														
EHP-19 (R 2/08)  SANITARIAN AT SOS CONTACT  O BECINNING INSTALLATION														

Owner's/Applicant's Name		the same the same of the same	Receipt Number				
MICHA	ToHNSON  Ther of bedrooms (number of persons for context was evaler system in this permit applications)	mmercial) and square footage of the	ne structure that will				
	wastewater system in this permit application	Date X     U	[13				
	, γ						
	Inspection	armation					
Septic tank manufacturer Other information							
Septic tank material	eptic tank material Trench media and width						
Dose tank manufacturer	Depth of	interceptor drain					
Dose tank material	Depth of	settled fill	,				
Pump Information	The second secon						
Name of Installer	The state of the s		License Number				
Environmental Health Specialist			Date				
Part 3 Permit for C	Ineration						
The information contained in Part I an Health. THE PERMIT FOR OPERA	ad Part 2 of this form has been reviewed and	found to meet the requirements of	the Arkansas Department of				
	11000 to this system is nervey recover.	Date					
Environmental Health Specialist							
Comments	and the second section of the second section of the second section of the second section of the second section		and the second s				
TO THE OWNER							
The permit for construction may be de	eemed invalid by the local Environmental He	alth Specialist before construction ermit is inaccurate.	if the site and/or soil				
Approval for operation does not const	titute a guarantee that the system will function to Arkansas Department of Health Rules and Hers, unless there are exceptions or deviation	n properly. The approval states th Regulations Pertaining to Onsite V	at the system was Wastewater Systems,				
5	n the date of approval. A permit more than o		d by the authorized agent				
Site Revalidation Conducted by    Designated Representative    Environs			nental Health Specialist				
-	Congletion of the Congletion of the Congletion of the Congress of the Congres of the Congress of the Congress of the Congress of the Congress	Date					
Site Revalidation Conducted by	☐ Designated Representative	□ Environ	mental Health Specialist				
	- "	Date					
- Village Pillage							







Note: This drawing is representative of typical residential AX designs. For additional drawings, including state-specific designs, go to the Orenco® online Document Library (www.orenco.com/corporate/doclibrary.cfm), click the "Standard Drawings" quick link, and select a state or province.



New Water Systems, LLC
PO Box 193805
Little Rock, Arkansas 72219
Telephone: (501) 888-0500
Facsimile: (501) 888-0501
info@newwatersystems.com

Orenco AdvanTex AX20RT Loading Calculations for Individual Residential Sewage Disposal Systems in Arkansas

#### Hydraulic Loading (Average Daily Flow):

Manufacturers recommended hydraulic loading to meet 10 mg/l BOD5 and 15 mg/l TSS is 25 gpd/sf of media filter surface area. This assumes BOD5 of 150 mg/l and 40 mg/l TSS from a 1,000 gallon septic tank with effluent filter.

Available media filter surface area in AX20RT is 20 sf.

Therefore,

Hydraulic Capacity = 25 gpd/sf x 20sf = 500 gpd Average Daily Flow

#### Organic Loading (Average Daily Flow):

Manufacturers recommended organic loading to meet 10 mg/l CBOD5 and 15 mg/l TSS is 0.04 lb BOD day/sf of media filter surface area.

Available media filter surface area in AX20RT is 20 sf.

Therefore.

Organic Capacity = 0.04 lb BOD day/sf x 20sf = 0.8 lb BOD per day

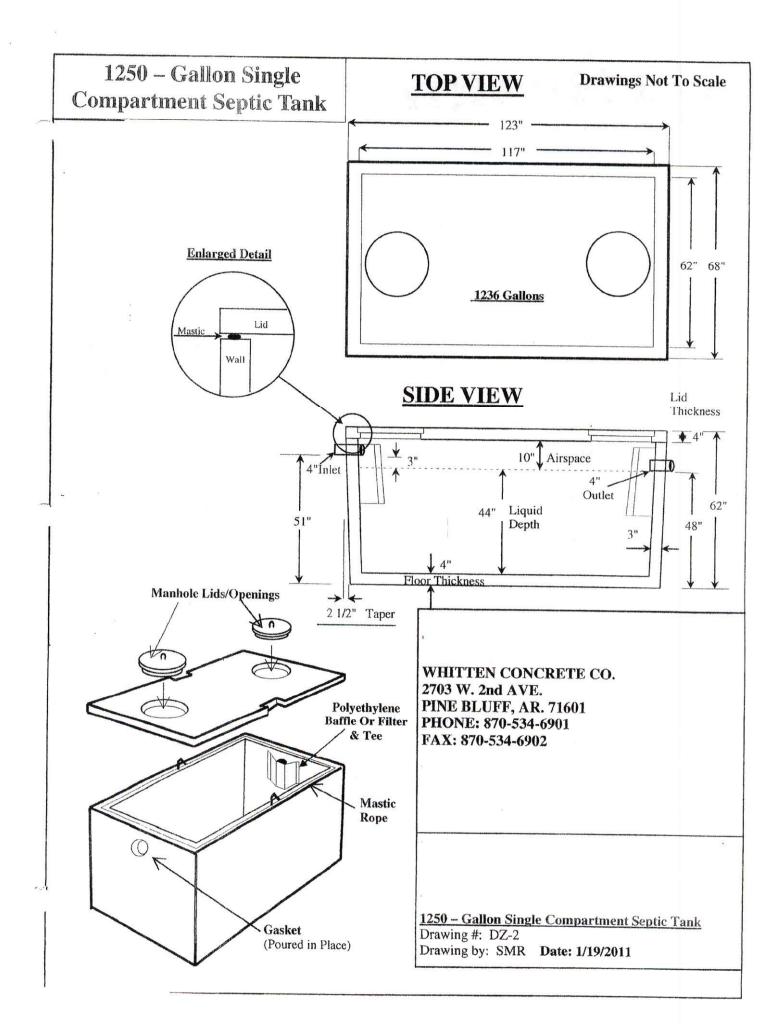
@ expected influent strength of 150 mg/l BOD5 from 1,00 gallon septic with effluent filter,

Organic Load = (150 mg/l BOD x 3.785 l/gal) / 453,600 mg/lb = 0.0013 lbs BOD/gal

Organic Loading Rate (OLR) = (0.0013 lbs BOD/gal x 500 gal/day) / (20 sf) = 0.0325 lbs BOD/sf/day

So, 0.0325 < 0.04 lbs BOD/sf/day OK







#### MEMORANDUM OF AGREEMENT

SUBJECT: INDIVIDUAL SEWAGE TREATMENT SYSTEM

This is an agreement that the sewage 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:

- The property owner assumes all responsibility for the proper operation of the system and the maintenance of a valid service contract with a Certified Maintenance Personnel approved to service and monitors such home sewage treatment systems. The service contract shall include provisions for the monitoring of free chlorine and PH and reporting to ADH as required.
- 2. The Arkansas Department of Health has no responsibility in the operation and maintenance of such systems.
- 3. That the Arkansas Department of Health may monitor the system as to its operation capabilities.
- 4. That the Arkansas Department of Health is granted permission to make such inspections as deemed necessary.
- 5. That, on the sale of the property, the perspective buyer will be notified of this agreement, and both the buyer and seller are to sign such memoranda and contracts.
- 6. The owner is required to file an application to the Arkansas Department of Environmental Quality (ADEQ) for a National Point Discharge Elimination System (NPDES) permit. The Arkansas Department of Health will notify the ADEQ of all permits issued for systems that discharge sewage, when applicable.

SIGNED

SIGNED:

(Property Owner)

(Health Department)

DATE.

DATE:

EHP-35 (R 2/11)

Contract Number: Johnson

# SERVICE AND MAINTENANCE CONTRACT

1.	Parties. This contract ("Agreement" or "Contract")  McInco Source  collectively as the "Parties."	is be	tween Meinco Septic Systems, Inc., ("Meinco") and _, ("Client"), referred to individually as a "Party" and			
2.	Service Location. This is a Contract for septic Meinco for Client located at Lot 31, western hereinafter referred to as the "Service Site."	syste u Ff	em service and maintenance services provided by			
3.	more specifically below (hereinafter referred to a	med as "S	every 3 months (Quatery) and described ervice Work"). Meinco and Client agree that the t and the services set forth below and reflects 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.  Sampling that is required under this Contract. In such event, Meinco shall submit to Client a laboratory fee of \$ //o = and Client will promptly pay the same.	10.	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.  Access to System. Client agrees to provide Meinco access to the septic system as well as its parts and components.			
6.	<b>Services Provided.</b> Meinco agrees to provide the following Service Work to the Client and the Service Site:	11.	<b>Termination by Client</b> . 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.  C) Necessary paperwork every month(s) as required to	13.	<b>Solid Removal.</b> 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.			
	comply with the Arkansas Department of Health and/or the Arkansas Department of Environmental Quality.  D) I. This paragraph is inapplicable.  II. Sampling of discharge every month(s) in coordination with a 3rd party laboratory for required	14.	Indemnity. To the fullest extent permitted by law, Client shall indemnify, hold harmless, and defend Meinco and any agent or 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			
7.	Contract Duration. This contract shall be for a period of 24 month(s) from the date this Contract is executed by the parties on page 2		Site conducted by Meinco, Meinco's agents, anyone directly or 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			
	Flow Boards and Till		James and the state of the			

person described in this paragraph.

8. Flow Requirements. This contract shall be null and void if septic

system flow exceeds 500 gallons per day.

- 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 Meinco. 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

- 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. Waiver 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.

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).

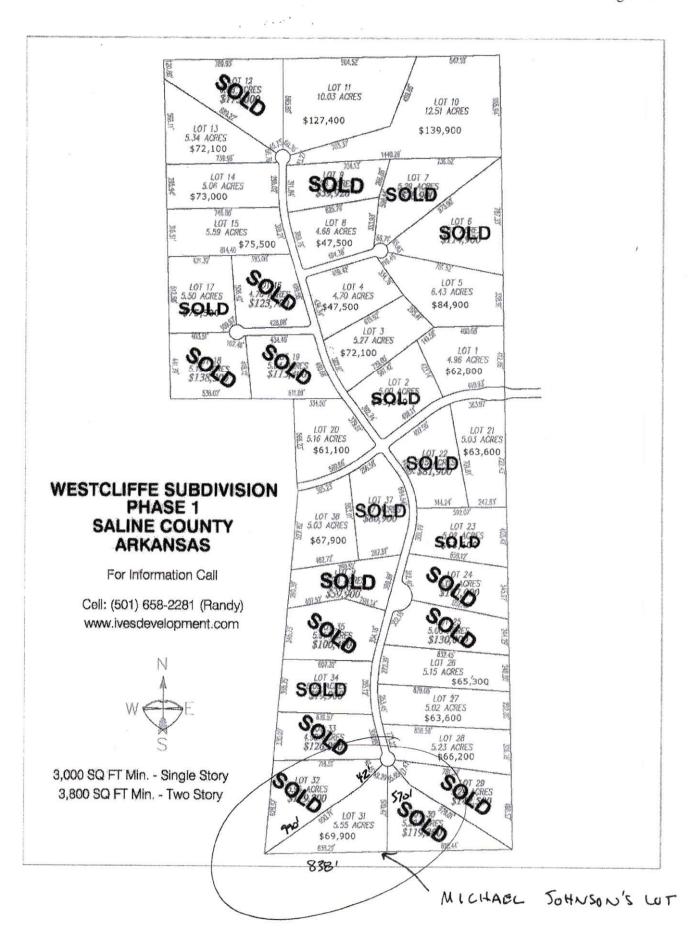
Meinco Septic Systems, Inc.

Client

1-14-13 Date

1-161

Date



E SILVELTHURNE GRANGER 2-(0200 FORNSALE VAN HERE LOT 31 X-

