ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

NOTICE OF INTENT

INDIVIDUAL TREATMENT FACILITIES NPDES GENERAL PERMIT ARG550000

Application Type: New 🖂	Renewal (Permit # ARG55)
I. PERMITTEE/OPERATOR INFORMATION	
Permittee (Legal Name): Roger Sadler	Operator Type:
Permittee Mailing Address: 104 Wellington Colony	y Court State Partnership
Permittee City: Little Rock	
Permittee State: Arkansas Z	
D '' T 1 1 N 1 501 252 4464	*C CI
Permittee Fax Number:	The legal name of the Permittee must be
Permittee E-mail Address: r.sadler4464@att.net	identical to the name listed with the
II. INVOICE MAILING INFORMATION (Home or	owners are exempt.)
Invoice Contact Person: N/A	City:
Invoice Mailing Company:	
Invoice Mailing Address:	
Facility Name: Sadler Residence Facility Address: 8100 US-67 Facility County: Saline Facility Latitude: 34 Deg 30 Min 51.26 Sec Accuracy: Method: Datu	Telephone Number: 501-352-4464 Facility City, State & Zip: Benton, Arkansas, 72019 Facility Longitude: 92 Deg 40 Min 28.23 Sec
IV. DISCHARGE INFORMATION	
Outfall Number: 001 Stream Segment: 2C Outfall Latitude: 34 Deg 30 Min 53.22 Sec Datu	Flow: 500 gpd (Gallons per Day) Hydrologic Basin Code: 804 02 03 Outfall Longitude: 92 Deg 40 Min 33.90 Sec
Accuracy: Method:	: Scale: Description:
	disinfection
Receiving Stream: Ouachita River	
V. FACILITY PERMIT INFORMATION	
NPDES Individual Permit Numl NPDES General Permit Numl	· · · · · —
	ion Permit Number:
NPDES General Construction Stormwater Permit Numb	

WATER DIVISION 5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118 PHONE 501-682-0623 / FAX 501-682-0880 SCANNED APR 1 8 2024 MAILROOM

VI.	OTHER INFORMATION	Í :						
	Operator Name:	David Mein	ts					
	Operator License Number:	009055			License	e Class: III		
	Consultant Contact Name:	David Mein	ts					
	Consultant Email Address:		ncowastewater.co	m				
	Consultant Address:	PO Box 1001	City: Bry		State: _/	AR	Zip:	72089
	Consultant Phone Number:	501-804-08	37 C	onsultant Fax	Number	r: _501-821	1-4048	
Has	this treatment system been ap	proved by Al	HD? Yes 🛛 No					
Disc	losure Statements:							
certi: state: comp	fication or operational authority ment with their applications. plete without one. You must su may be obtained from ADEQ v	issued by the The filing of bmit a new d	Arkansas Depar a disclosure stat isclosure stateme	ment of Envi ement is man at even if you	ronment datory. have on	al Quality (No applic ne on file wi	ADEQ) file ation can b	a disclosure e considered
MY M	(Initial) "I certify that the correpresentative under understand that the Day (Initial) "I certify under penal supervision in accorrevaluate the informa gathering the informa accurate, and complincluding the possibili	the provision Department will try of law that dance with a tion submittenation, the in- ete. I am av	ns of 40 CFR 12 ll accept reports set this document a system designed. Based on my aformation submit ware that there a	2.22(b). If r igned only by and all attach I to assure the inquiry of the ted is, to the significant	the App ments w hat quali e person e best of penaltie	zant official blicant." ere prepare fied person or persons of my know s for subm	d under my nel properly directly re- wledge and	designated, I direction or y gather and sponsible for belief, true,
Res	sponsible Official Printed Name:	Rocer	C SADLER	Title:	Owne	r		
	Responsible Official Signature	June	Melen	Date:	4-	2-24	•	
	Responsible Official Email:	R. SADLE	R 4464@A7	T. NOT				
C	Cognizant Official Printed Name:				Title:	Class III	Operator	
	Cognizant Official Signature		a. U. L	— Tel		501-804-	•	
	Cognizant Official Email:				ерионе.	301 001	0037	
	PERMIT REQUIREMENT V Please check the following to vo				the questi	ons, then a p	ermit can no	t be issued!
CI	····ital af Campleta NOIO			•				
	omittal of Complete NOI?							
Fee			Check Number:					
Sub	omittal of AHD Form EHP-19?	\boxtimes						
Sub	omittal of Site Map?							
Six	lomittal of disclosure	N						

WATER DIVISION





Arkansas Department of Health Environmental Health Protection

Receipt Nu	mber
252	62581

Permit Type	-							
Permit Type New Installation Alteration / Repair DR Environmental ID # Teatment Type (check one) Structures more than 1500 sq ft and up to 2000 sq ft \$45.00 Structures more than 2000 sq ft and up to 3000 sq ft \$90.00 Structures more than 3000 sq ft and up to 4000 sq ft \$120.00 Structures more than 4000 sq ft \$150.00 Alteration and Repair \$30.00	-							
Alteration / Repair Structures more than 2000 sq ft and up to 3000 sq ft \$90.00 ✓								
DR Environmental ID # Structures more than 3000 sq ft \$120.00 □								
7 6 0 1 0 5 5 5 4 7 Structures more than 4000 sq ft Alteration and Repair \$150.00 □ Part 1 Application Treatment Type (check one) Disposal Method (check one)								
7 6 0 1 0 5 5 5 4 7 Alteration and Repair \$ 30.00 □ Part 1 Application Treatment Type (check one) Disposal Method (check one)	_							
Part 1 Application Treatment Type (check one) Disposal Method (check one)								
1 I S I) = Standard Sentic Lank I A I = Aerobic Treatment Plant I STD = Standard Absorption Field I DD = Low Breakure Distribution	Part 1 Application Treatment Type (check one) Disposal Method (check one) □ STD = Standard Septic Tank ☑ ATU = Aerobic Treatment Plant □ STD = Standard Absorption Field □ LPD = Low Pressure Distribution							
☐ ISF = Intermittent Sand Filter ☐ RSF = Re-circulating Sand Filter ☐ SUR = Surface Discharge ☐ HLD = Holding Tank								
□ PMF = Proprietary Media Filter □ RGF = Re-circulating Gravel Filter □ CPF = Capping Fill □ SRL = Serial Distribution □ OTH = Other (Describe) □ HLD = Holding Tank □ OTH = Other □ DRP = Drip Irrigation								
1. Owner's/Applicant's Name 2. Phone Number								
Roger Sadler (501) 352-4464								
3. Mailing Address 4. County 104 Wellington Colony Court, Little Rock, AR 72211 Saline								
Address of Proposed System (If a 911 address is not available, attach detailed directions or map)								
8100 Hwy 67 South, Benton, AR 72019								
6. Subdivision Name 7. Approval Date 8. Date Recorded 9. Lot Number								
11/4								
10. Lot Dimensions								
14. Brief Legal Description of Property (Attach a separate sheet of paper, if necessary)								
Section 26, Township 2 South, Range 16 West, Saline County								
15. Water Supply (Specify supplier, if Public Water) Salem Water Users 16. GPS Coordinates Home 34.5146492.67551 POD 34.5146592.67644								
17. Loading Rates (gpd/ft²) 18. System Specifications								
Primary Area n/a a. Size of Septic Tank ATU gal f. Trench Depth n/a inches								
Secondary Area n/a b. Size of Dose Tank n/a gal g. Trench Spacing n/a feet								
Percolation Test (min/in) c. Absorption Area n/a ft² h. Trench Media (List Below) i.Trench Wi	dth							
Primary Area Avg n/a d. Number of Field Lines n/a n/a n/a	in							
0/2	in							
The state of the s	111							
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	l/or							
soil conditions have changed after approval of this permit, or if the information within this permit is inaccurate or has been found to misrepresented. Approval for operation does not constitute a guarantee that the system will function properly. The approval states that	be							
system was designed and installed according to the Arkansas Department of Health, Rules and Regulations Pertaining to Onsite Wastewa	ter							
Systems, unless there are exceptions or deviations noted in the comments. A Permit for Construction is valid for one (1) year from the date approval. The authorized agent must revalidate a permit more than one (1) year old prior to the start of any construction.	of							
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.								
See Opt. A 06/07/2022								
Owner/Applicant Signature Date	-							
20. I certify that I have conducted the above tests and that the above listed information is in accordance with the latest requirements of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems.								
Designated Rep. (Kyle Gaston, DR in Training) Soil Certified Yes N	lo							
Designated Representative Signature Title								
David A. Meints 06/07/2022 501-821-3837/501-804-08	37							
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	f							
Health Rules and Regulations Pertaining To Onsite Wastewater Systems. A PERMIT FOR CONSTRUCTION is hereby issued.								
1 / 1 / 1 / K5 KM 7-19-2000								
Environmental Specialist Signature VOTE TO INIOTAL EHS Number Date	-							

EHP-19 (R 8/13) Page 1

ONTACT EHS AT 501-303-5650 24 HOURS PRIOR TO BEGINNING INSTALLATION

Individual Onsite Wastewater System Permit Application

Receipt Number	

			art	

22. Soil Criteria (Primary Area) Indicate the depth to items a-f, if observed in the soil (designate in inches)									
a. Bedrock	b. BSW	П	c. MSWT	d. LSWT	e. Adj. MSWT	f. Adj. LSWT	g. H.C./Depth	h. Loading Rate (gpd/ft²)	
n/a	n/a		Surface	n/a	n/a	n/a	n/a	Unsuitable	
23. Soil Criter	ia (Secor	ndary .	Area)	Indicate the dep	th to items a-f, if o	bserved in the soil (designate 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)	
n/a	n/a		Surface	n/a	n/a	n/a	n/a	Unsuitable	
24. Seasona	Water T	able (SWT) Classes [Detail			*		
Primar	y Area			List	Redoximorphic F	eatures and/or Clay	Content Restrictio	ns	
Brief		ìn	n/a						
Moderate		in	Depletions n	oted on less tha	n 50% of ped si	urface or interior.	Depletion <= ch	roma 2,	
Long		in	n/a	n/a					
Second	ary Area			List	Redoximorphic Fe	eatures and/or Clay	Content Restriction	ns	
Brief		in	n/a						
Moderate		in	Depletions n	oted on less tha	n 50% of ped si	urface or interior.	Depletion <= ch	roma 2.	
Long	Long in n/a								
One Call before installation. Site requires an ATU (500 GPD) 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.									

Part 2 Installation Inspection

rarez metanation inspection		
Septic tank manufacturer	Pump information	
Septic tank material	Trench media and width	
Dose tank manufacturer	Depth of interceptor drain	
Dose tank material	Depth of settled fill	
Name of Installer		License Number
Installation Inspected by □ Environmental Health Specialist (check one or installer signs System Installation Verification below)	Designated Representative	
Signature	EHS / License Number	Date
System Installation Verification I have installed this system as designed and in compliance with all Rules	and Regulations Pertaining to Onsite Wa	stewater Systems.
Installer Signature	License Number	Date

Part 3 Permit for Operation								
The information contained in Part 1 and 2 of this form has been reviewed and found to meet the requirements of the Arkansas Department of								
Health. THE PERMIT FOR OPERATION	DN of this system is hereby issued.							
Environmental Health Specialist								
	Signature	EHS Number	Date					
Comments								
Site Revalidation conducted by	 Environmental Health Specialist 	 Designated Representation 	esentative					
(check one)								
Signature		EHS / License Number	Date					

* Optional System Utilization Verification Form



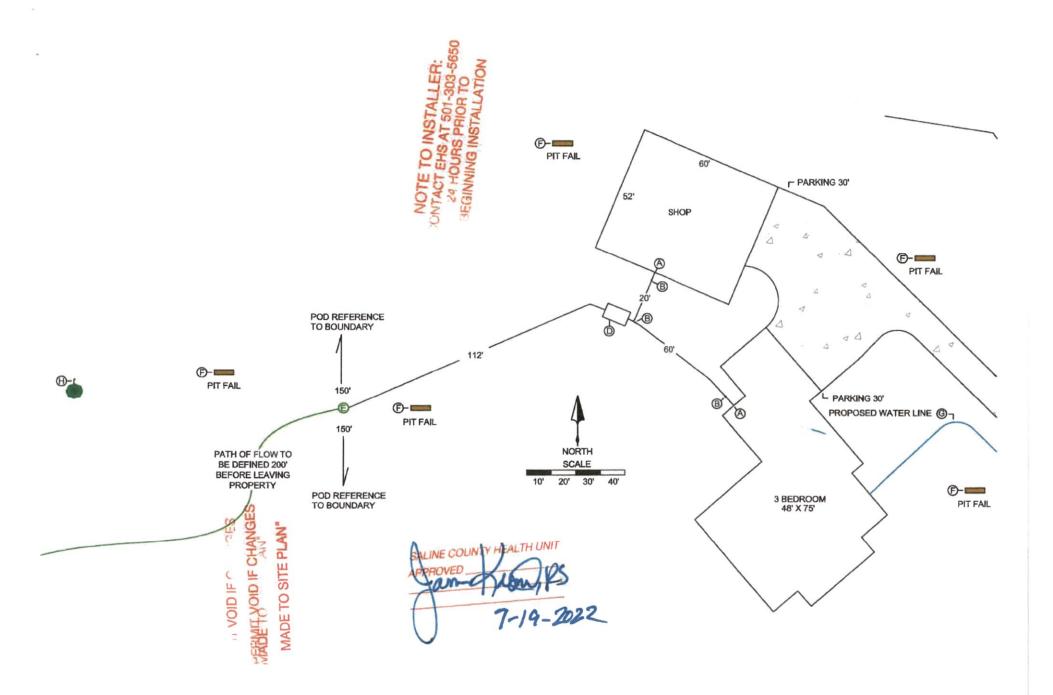
Arkansas Department of Health Environmental Health Protection

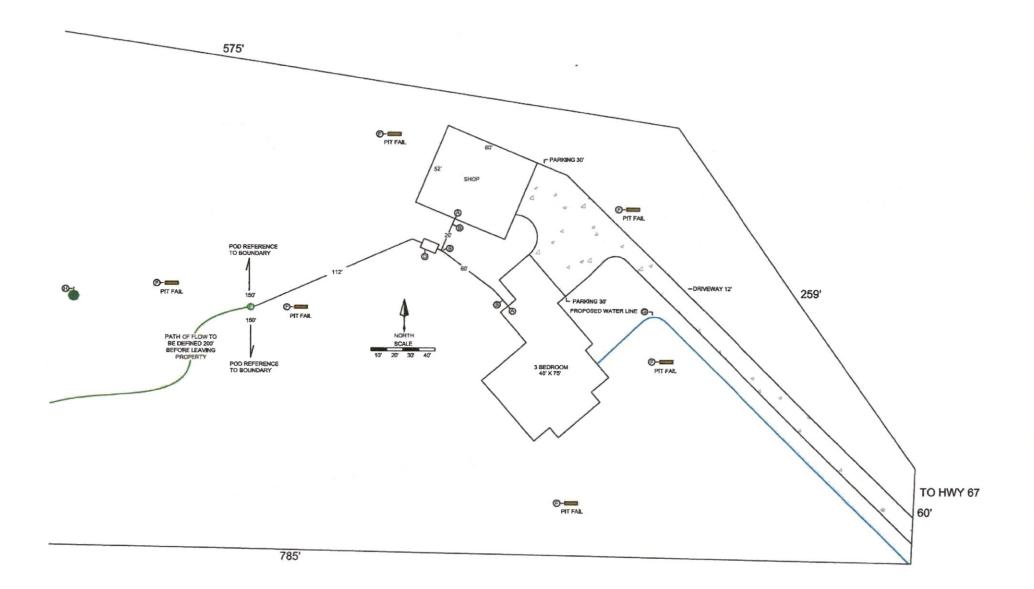
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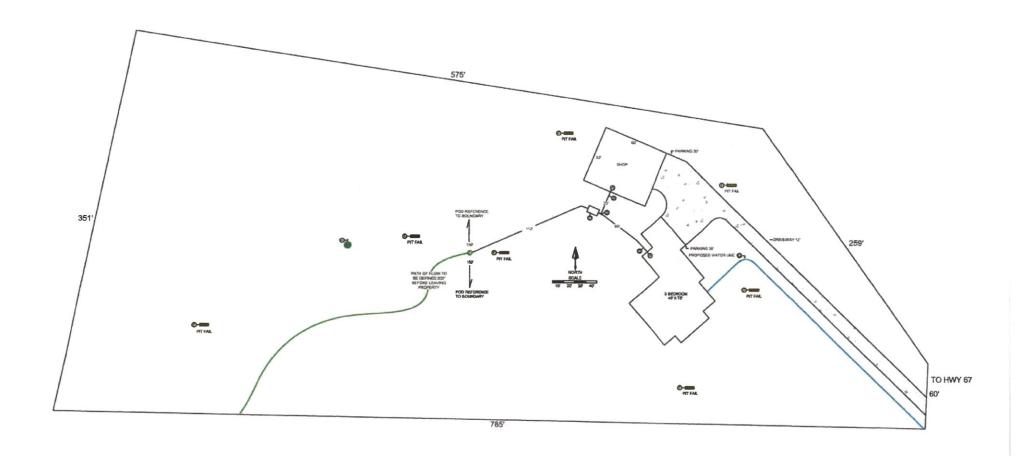
	_		
Individual Onsite Wastew	ater System Permit Application	Fee Schedule for Structures	1
Permit Type	✓ New Installation	Structures 1500 sq ft or less \$ 30,00	
	☐ Alteration / Repair	Structures more than 1500 sq ft and up to 2000 sq ft \$45.00	
DR Environmental ID #		Structures more than 2000 sq ft and up to 3000 sq ft \$ 90.00	7
		Structures more than 3000 sq ft and up to 4000 sq ft \$120.00	
7 6 0 1 0 5	5 5 4 7	Structures more than 4000 sq ft \$150.00	
		Alteration and Repair \$ 30.00	
Homeowner			
☐ Builder/Develope	ar.		
_ buildel/Develope	;1		
TO THE PROPERTY	Y OWNER		
Onsite Wastewater S	System Utilization Verificati	on	
December In anti-	8100 Hwy 67 S	outh, Benton, AR 72019	
Property location:	•	System, City, State, Zip)	
		System, City, State, Zip)	
I hereby attest there	are ³ bedrooms (number of persons for commercial)	and
		utilize the designed onsite wastew	
system in this permit	application is accurate. I	have reviewed the permit application	and
understand the layou	ut, installation, maintenanc	e, operation and expense(s) that may	/ be
associated with this			No. Assessed
abboolated with this .	System.		
As Developer/Builde	r I hereby attest that the	above information is correct and price	r to
the sale of the prope	erty, I will convey, to the b	uyer, all information associated with	this
system.			
		0	
		1	
Owner/Applicant Sig	nature h my	rugu	
		/	
Date 06/6	07/2022		
Date			
This document must be s	ubmitted with the permit applic	cation, if the Owner/Applicant Signature Sect	ion

EHP-19, OPT-A (R 8/13)

(number 19 on the EHP-19) is not signed.









References are found in the Arkansas State Board of Health Rules and Regulations Pertaining to Onsite Wastewater Systems Effective 08/01/2019.

Zone A: LEGEND TO AutoCAD DRAWING

- A <u>Sewer stub out location.</u> Maximum depth of flow line from existing grade is 24". Show this drawing to your plumber (*Reference 11.8*).
- B <u>2-way clean out location.</u> Sewer popper required. Install clean out and sewer popper at or above grade (Reference 8.13). Fall to inlet of septic tank can be no less than 1/8" per foot, and no more than 1/4" per foot (Reference 4.1).
- Trash tank location. Risers to grade over inlet and outlet, minimum 18" diameter (Reference 10.7.8). Effluent filter required Orenco Filter FTS0436-28 (Reference 10.7.6). Bed and backfill septic tank with ¾" or smaller gravel (Reference 10.4). Trash tank must meet or exceed manufacturer requirements, 5000 psi, aged 28 days minimum (Reference 10.7.3 10.7.5.1). Non-Applicable.
- D <u>Aerobic Treatment Unit location</u>. Disinfection required. Refer to included spec sheet for precise model.
- Point of Discharge (POD), POD meets all setbacks required. (Reference 9.8)
- F Soil pit location. Not used due to shallow seasonal water tables or contour issues.
- G Proposed water line. Water line must be installed 10' from any part of wastewater system (Reference 6.2.8).
- H Benchmark location. Flag at base of Tree.

PIPE SPECIFICAITONS

Building stub out to trash tank inlet: 4" Schedule 40 Pipe Trash Tank to Aerobic Treatment Unit: 4" Schedule 40 Pipe Aerobic Treatment Unit to Point of Discharge: 4" Schedule SDR-35 Pipe

TANK SPECIFICATION

Manufacturer: Norweco

TREATMENT UNIT SPECIFICATION

Singulair Green Bio-Kinetic Wastewater Treatment System (Model 960)

EFFLUENT STRENGTH

Biochemical oxygen demand < 300 mg/L Total suspended solids < 300 mg/L Fats, oil, and grease < 25 mg/L

(Reference 8.41 and Appendix B, Footnotes)

Any changes or substitutions to the notes and specifications in this permit must be approved by the Designated Representative.



GROUND AND INSTALLED ELEVATIONS (feet & inches)

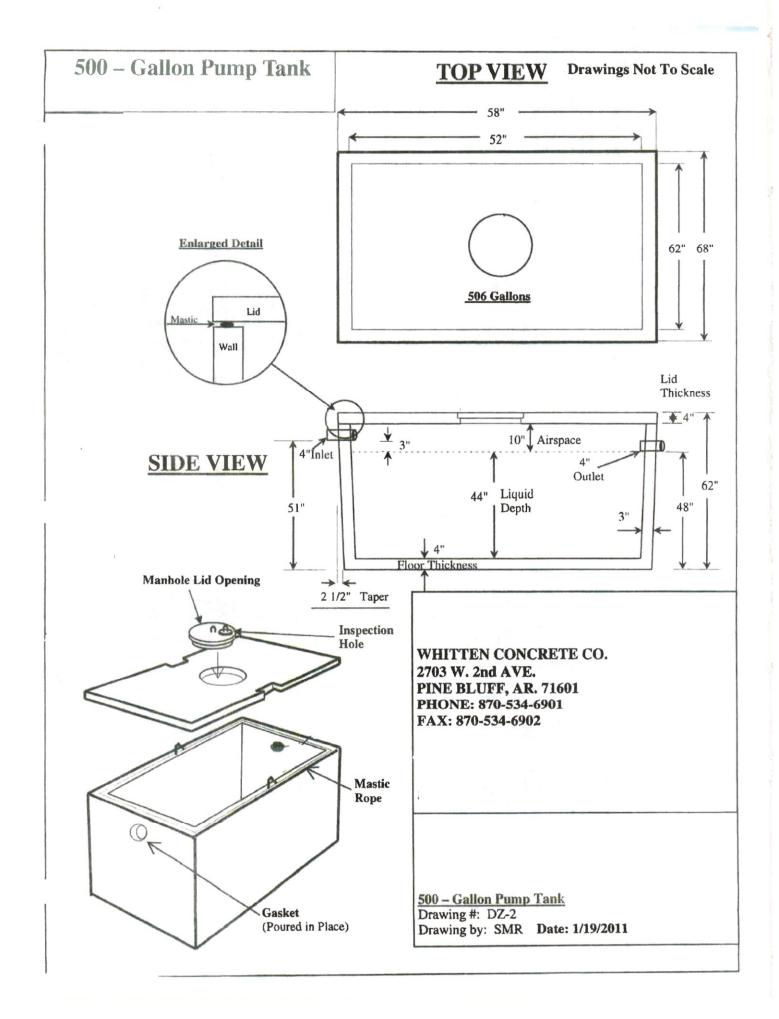
Component	Ground	Flow Line	Fall
Home Stub Out Shop Stub-Out (yet to be	07-06" determined)	09-06"	24"
ATU Inlet ATU Outlet	08-04" 08-09"	10-01" 10-04"	7" 3"
Point of Discharge	17-03"	17-03"	83"
Benchmark	13-09"	Giant Hollow Oak Tree (See Drawing)

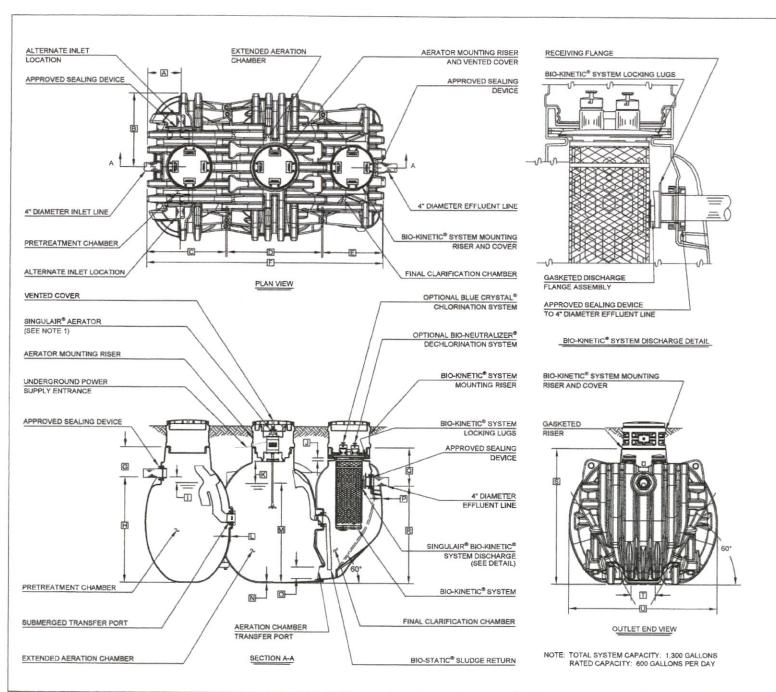
NOTES

NPDES permit required on all surface discharging wastewater systems. (Reference 9.6 and 11.1)

Aerobic Treatment Units must comply with the AR Department of Health's Onsite Wastewater Systems Monitoring Program. (Reference 12)

One Call before installation.





GENERAL NOTES:

- SINGULAIR® AERATOR, AS TESTED AND ACCEPTED BY NSF.
- ② FALL THROUGH SINGULAIR® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS 16 INCHES BELOW THE RISER MOUNTING SURFACE.
- ③ ON DEEPER INSTALLATIONS, RISERS MUST BE USED TO EXTEND AERATOR MOUNTING RISER AND BIO-KINETIC® SYSTEM MOUNTING RISER TO GRADE. INSPECTION COVER ON PRETREATMENT CHAMBER MUST BE DEVELOPED TO WITHIN TWELVE INCHES OF GRADE.
- ④ REMOVABLE COVERS ON RISERS ARE EACH SECURED TO PREVENT UNAUTHORIZED ACCESS.
- ⑤ CONTACT THE LOCAL, LICENSED SINGULAIR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

PROJECT ENGINEER'S APPROVAL:

1 (WE) HEREBY CERTIFY THAT THIS

DRAWING HAS BEEN CHECKED AND IS

APPROVED FOR USE IN CONFORMITY

WITH THE CONTRACT DOCUMENTS.

DATE:

NAME:

CONTRACTOR'S CERTIFICATION:
I (WE) HEREBY CERTIFY THAT THIS
DRAWING HAS BEEN CHECKED AND IS
APPROVED FOR USE IN CONFORMITY
WITH THE CONTRACT DOCUMENTS.

DATE:

NAME

CRITICAL DIMENSIONS

A 1'- 5 1/2"	N 0'- 0 3/8"
B 3'- 3"	Ø 0'- 6"
3'- 5 1/4"	P 0'- 0 3/8"
D 4'- 2 1/4"	1'- 8"
E 2'- 8 3/4"	R 4'- 3 1/2"
E 10'- 6 1/2"	S 5'- 11 1/2"
G 1'- 4"	T 1'- 4"
田 4'- 7 1/2"	U 6'- 6"
Ⅲ 0'- 3"	V
J 0'- 1 1/2"	W
K 1'- 0"	X
0'- 0 3/4"	Y
M 4'- 4"	(2)

Į	U,S. AND	norweco.	04-10-2015 G	
-	FOREIGN		BDS	
ĺ	PATENTS PENDING	SINGULAIR* GREEN	MML	
		960 - 500GPD SYSTEM	08-04-2010	
Ì			NTS	
	MMXVIII	METALLI SHII O O IS SEEDEN STORY OF THE PARTY.	PC-5-7123	

norweco[®]

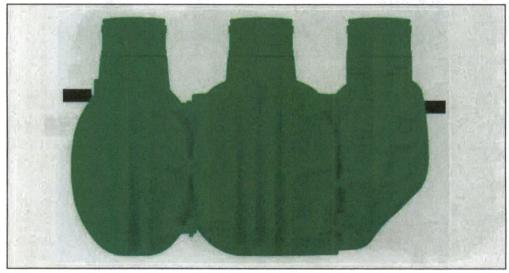
SINGULAIR GREEN® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM

MODELS 960 AND THT WITH SERVICE PRO® CONTROL CENTER

SPECIFICATIONS

GENERAL SPECIFICATIONS

The contractor shall furnish and install one complete Singulair Green Bio-Kinetic wastewater treatment system with all necessary parts and equipment as described in the following specifications. Treatment of the domestic wastewater shall be accomplished by the extended aeration process with non-mechanical flow equalization, pretreatment of the influent and filtration of the final effluent. The treatment system shall provide primary, secondary and tertiary treatment of the wastewater flow, and if required, chlorination and dechlorination of the effluent prior to discharge. All treatment processes shall be contained within a single tank which shall be manufactured using high density polyethylene resin. The wastewater treatment system shall be a Singulair Green as manufactured by Norweco, Inc., Norwalk, Ohio, USA. Systems not including integral pretreatment or non-mechanical flow equalization shall not be considered for this application.



The wastewater treatment system shall include high density polyethylene tankage providing separate pretreatment, aeration and final clarification chambers. The tankage shall be furnished with a Schedule 40 PVC inlet hub, removable sealed pretreatment cover, submerged transfer ports, aerator mounting riser with removable vented cover, molded outlet coupling, Bio-Kinetic system mounting riser with removable sealed cover and Schedule 40 PVC outlet hub. Principal items of electro-mechanical equipment supplied with the Singulair Green wastewater treatment system shall be a UL Listed 1725 RPM mechanical aerator, UL Listed Service Pro electrical control center, Bio-Static sludge return and a Bio-Kinetic tertiary treatment device for flow equalization and final filtration of system effluent.

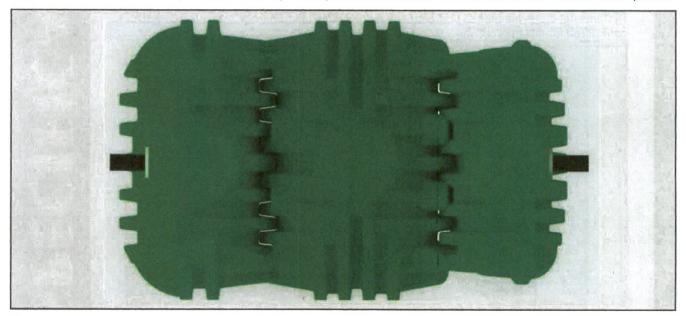
SINGULAIR GREEN®

OPERATING CONDITIONS

The Singulair Green system shall be certified to treat up to 600 GPD (gallons per day) of domestic wastewater. Total holding capacity of the system shall provide a minimum of 48 hour retention of the daily flow. The pretreatment chamber shall provide at least 18 hour retention, the extended aeration chamber shall provide at least 24 hour retention and the clarification chamber shall provide at least 6 hour retention. The non-mechanical flow equalization device shall increase each individual chamber and total system retention time in direct proportion to loading. Design of the system shall include a compartmented tank and a non-mechanical flow equalization device to insure successful treatment performance without upset even when the significant runoff period is six hours. Hydraulic design considerations of the system and flow equalization device shall be such that intermittent peak flow factors as high as four shall not upset hydraulic reliability within the system. Capability of the system to perform as outlined shall be certified by an independent testing laboratory and approved for use by the local governing regulatory agency.

PRETREATMENT CHAMBER

The pretreatment chamber shall be an integral part of the wastewater treatment system. All domestic wastewater shall be preconditioned and flow equalized while passing through the pretreatment chamber prior to being introduced to the extended aeration chamber. The outlet of the pretreatment chamber shall be equipped with a discharge tee that extends vertically into the liquid so that only the preconditioned equalized flow from the center area of the chamber is displaced to the extended aeration chamber. The discharge tee and transfer port shall be of adequate size to handle a peak flow factor of four without restricting the outlet and disturbing hydraulic displacement to the extended aeration chamber. A removable inspection cover shall be incorporated into the top of the pretreatment chamber to allow tank and transfer tee inspection.



AERATION CHAMBER

The extended aeration chamber shall provide in excess of 24 hour retention of the equalized daily flow. The chamber shall be of sufficient size to provide a minimum of 80 cubic feet of tank capacity per pound of applied BOD. The aeration chamber shall be an integral part of the system flow path and configured to insure effective mixing of microorganisms, wastewater and fresh air. No area of the chamber shall be isolated from process mixing, thereby eliminating dead or quiescent areas of the treatment chamber which are detrimental to the treatment process. Influent into the aeration chamber shall be preconditioned, equalized flow from the pretreatment chamber and settled solids via the Bio-Static sludge return.

FINAL CLARIFICATION CHAMBER

The final clarification chamber shall consist of 5 functionally independent zones operating together to provide satisfactory settling and clarification of the equalized flow. An inlet zone shall be provided and shall dissipate transfer turbulence at the flow inlet of the clarification chamber. Its performance shall also eliminate turbulence in other zones of the clarifier. Liquid

shall be hydraulically displaced from the inlet zone to the sludge return zone. Hydraulic currents shall sweep settled sludge from the hoppered walls and return these solids via the inlet zone to the aeration chamber. As solids are removed, liquid is displaced to the hopper zone of the clarifier. In this zone, settling by gravity takes place. Three of the four sidewalls are slanted to form a hopper which directs all settled material back to the sludge return zone. Clarified liquid from the hopper zone shall be displaced into the final settling zone to provide additional clarification of the liquid. The liquid is displaced to the outlet zone for final filtration and discharge from the system. Non-mechanical equalization of the flow, through all 5 zones, shall provide optimal settling and clarification.

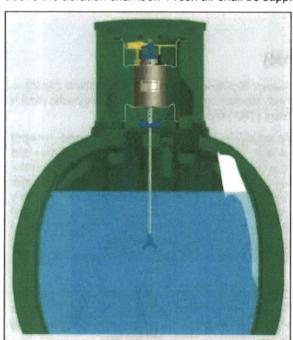


A Bio-Static sludge return shall be mounted into the opening in the aeration/clarification chamber wall to provide positive return of settled solids. Aeration

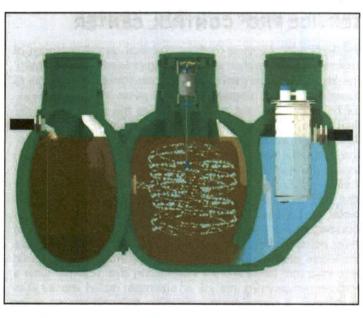
chamber hydraulic currents shall enter the sludge return and be directed through the Bio-Static device into the second zone of the clarification chamber. The Bio-Static sludge return shall accomplish resuspension and return of settled solids without disturbing the clarified liquid in the final settling zone and outlet zone.



The Singulair aerator shall be installed in a rotationally molded, heavy duty, high density polyethylene aerator mounting riser above the aeration chamber. Fresh air shall be supplied through an injection molded, heavy duty, glass-filled polypropylene



access cover above the aerator. The vented access cover shall be secured to the mounting riser with four fasteners. The aerator shall be UL Listed and include plated mounting brackets, NEMA 6 rated electrical connector, fractional horsepower motor, molded plastic lifting handle, molded plastic air intake screens, molded plastic foam restrictor, stainless steel aspirator shaft and molded glass-filled nylon aspirator tip. The motor shall contain precision manufactured o-ring type seals installed between the motor shell and the machined aluminum endbells to insure watertight integrity. Molded Viton elastomer shaft seals shall protect the bearings from contamination. Only the stainless steel aspirator shaft and glass-filled nylon aspirator tip shall be in contact with the liquid. There shall be no submerged electrical motors, bearings or fixed air piping in the aeration system. The Singulair aerator motor shall not exceed the motor nameplate rating when installed and operated as recommended. The fractional horsepower aerator motor shall be equipped with a foam restrictor to protect the motor against high water and foam. The motor shall be 4 pole, 1725 RPM, 115 volt, 60 hertz, single phase, ball bearing constructed with a 1.0 service factor. It shall draw 4.0 amps when operating at the rated nameplate voltage. Aerators without UL listing have not demonstrated compliance with international electrical standards for safety and reliability and shall not be considered for this application.



BIO-KINETIC®

SERVICE PRO® CONTROL CENTER

The Service Pro electrical control center shall control all aspects of treatment plant operation using a microprocessor based platform. The prewired control center shall contain nonvolatile memory to prevent the loss of programming in the event of a power failure. For protection of wiring and components, the electrical controls shall be mounted in an injection molded, lockable, corrosion proof, NEMA rated enclosure designed specifically for outdoor use. The enclosure shall be equipped with a tamper evident seal to discourage unauthorized access. The Service Pro control center shall be a UL Listed assembly and shall include a time clock, alarm light, audible alarm, reset button and power switch. The control center shall monitor all treatment system operating conditions including aerator over current, aerator under current and open motor circuit. In the event the control center detects one of these conditions, power to the aerator shall be interrupted, a diagnostic sequence shall begin and the visual alarm shall activate. After a programmed recovery interval, an automatic restart attempt shall



be initiated. If normal aerator operation does not resume during 24 programmed recovery and restart cycles, the audible alarm shall activate.

TIME CLOCK

The aerator run cycle shall be controlled by an adjustable, prewired time clock. The minimum setting shall not permit the aerator to be "off" for more than 30 minutes per hour. It shall be adjustable in 5 minute increments and designed such that any adjustment results in additional run time up to "continuous" operation (60 minutes per hour). The Service Pro TNT controls shall include a non-adjustable time clock. Use of a time clock can seriously affect system performance and operating cost. Systems that have not been performance certified at the minimum time clock setting by an independent testing laboratory shall not be considered for this application.

SERVICE PRO® ADVANCED CONTROLS (Optional)

Advanced system control options shall be available for all Singulair Green Bio-Kinetic wastewater treatment systems. Service Pro control center options include the Service Pro control center with Monitoring, Compliance and Diagnostic (MCD) technology and the Service Pro control center with Total Nitrogen Treatment (TNT) technology.

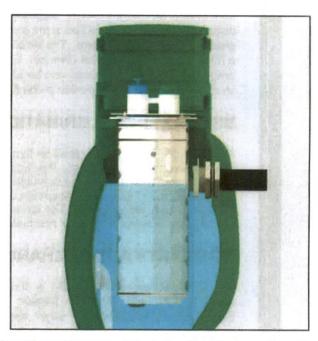
The Service Pro control center with MCD technology shall be a UL Listed assembly and shall include a time clock, integral telemetry system, main alarm light, power light, phone light, aerator alarm light, three auxiliary alarm lights, reset button and power switch. The control center shall monitor all treatment system operating conditions including aerator over current, aerator under current and open motor circuit. In the event the control center detects one of these conditions, power to the aerator shall be interrupted, a diagnostic sequence shall begin and the visual alarm shall activate. After a programmed recovery interval, an automatic restart attempt shall be initiated. If normal aerator operation does not resume during 24 programmed recovery and restart cycles, the audible alarm shall activate and the telemetry system shall report the specific condition to the Service Pro monitoring center. In the event that any of the auxiliary inputs detect abnormal operation of the treatment system auxiliary equipment, the audible and visual alarms shall immediately activate and the telemetry system shall report the alarm condition to the monitoring center.

The Service Pro TNT control center shall provide the same Monitoring, Compliance and Diagnostic functions as the Service Pro control center with MCD technology. However, the Service Pro TNT control center shall include a non-adjustable time clock. The non-adjustable time clock shall create a 60 minute aeration cycle followed by a 60 minute anoxic cycle during which the aerator shall be off. This aeration cycle shall insure Total Nitrogen Treatment of the wastewater.

SPECIFICATIONS

BIO-KINETIC® SYSTEM

A Bio-Kinetic system shall be installed in the mounting riser above the clarification chamber. The Bio-Kinetic system shall provide non-mechanical flow equalization through all plant processes including pretreatment, aeration, clarification, tertiary filtration, chlorination and dechlorination. The assembly shall be supplied with locking lugs and removable moisture/vapor shield and shall consist of a design flow and peak flow micronically molded filter, baffled perimeter settling zone, flow distribution deck, lifting handles, level indicator, adjustment lugs, optional chlorination feed tube, unbaffled perimeter settling zone, solids contact zone, vertical inlet zone, compartmented settling zone consisting of 42 baffled chamber plates, effluent stilling well, final discharge zone. adjustable outlet weir, optional dechlorination feed tube, outlet zone and gasketed discharge flange. All components shall be manufactured from inert synthetic materials or rubber, assembled in circular fashion and connected to a plastic outlet coupling. The outlet coupling shall accept a 4" diameter, Schedule 40 PVC pipe. The Bio-Kinetic system shall be installed with the inverts of the design flow equalization ports located at the normal liquid level of the clarifier. If intermittent flow rates exceed the capacity of



the design flow ports, flow shall be held upstream until the intermittent flow dissipates. If the intermittent flow continues to increase, the liquid level may reach a pair of sustained flow equalization ports. With four ports in use, flow through the system increases while continuing to provide flow equalization to all upstream and downstream processes. Peak flow equalization ports are supplied but should not be required. Optional Blue Crystal and Bio-Max tablet feed tubes shall be positioned such that the flow-activated chemical cannot contact the liquid upstream of the feed tubes.

FLOW EQUALIZATION

The wastewater treatment system shall include a demand use, non-mechanical, flow equalization device. The device shall control normal residential flow rates and reduce typical residential flow surges. The flow equalization rate shall be dependent upon the specific loading pattern and the duration of flow surges. At the 600 GPD (gallons per day) NSF Standard 40 design loading schedule, minimum performance of the device shall equalize daily flow an average of 50%.

SERVICE PRO® MONITORING CENTER

The Service Pro monitoring center shall include a 128 bit encrypted password protected website for interface with the monitoring center database. Access to the secure website shall be obtained through a unique user name and password that provides tiered access to data from monitored treatment systems. Access level tiers shall include dealers, service providers, regulatory agencies and individual system owners. Dealers and service providers



shall be able to create accounts, maintain service records and grant regulatory agencies access to the information. Individual system owners shall be able to view information regarding their own systems, as well as download instructional information. Integrity of stored data shall be maintained through the use of multiple servers operating in geographically isolated locations.

BLUE CRYSTAL® CHLORINATION SYSTEM (Optional)

The Singulair Green system shall be furnished complete with a tablet feed tube and a six month supply of Blue Crystal disinfecting tablets. Blue Crystal tablets shall be specifically formulated for consistent chlorine dosage and effluent disinfection to the sustained, variable and intermittent flows that are typical of domestic wastewater treatment systems. The tablets shall be manufactured from pure calcium hypochlorite and contain a minimum of 70% available chlorine. Each tablet shall be $2^5/8^\circ$ diameter, compressed to a 1" thickness, weigh approximately 5 ounces and be white in color with blue crystals for easy identification. The tablets shall dissolve in direct proportion to the flow rate, releasing controlled amounts of chlorine.

BIO-MAX® DECHLORINATION SYSTEM (Optional)

The Singulair Green system shall be furnished complete with a tablet feed tube and a six month supply of Bio-Max dechlorination tablets. The dechlorination tablets shall contain 92% sodium sulfite as the active ingredient and shall be specially formulated to chemically neutralize both free and combined chlorine. Each tablet shall be 2⁵/₈" diameter, compressed to a ¹³/₁₈" thickness, weigh approximately 5 ounces and be green in color for easy identification. The tablets shall dissolve slowly, releasing controlled amounts of chemical for the instantaneous removal of residual chlorine from the system effluent.

WARRANTY AND EXCHANGE PROGRAM

The manufacturer shall provide a three year limited warranty for each Singulair aerator, control center, Bio-Kinetic system and any other electro-mechanical components purchased from the manufacturer. The comprehensive aerator exchange program offers a lifetime of equipment protection. The dealer shall provide warranty and exchange information to the regulatory agency, contractor and customer as required.



EQUIPMENT MANUFACTURER

The equipment specified herein shall be the product of a manufacturer having a minimum of seven years experience in the construction of prefabricated wastewater treatment equipment and systems. Bids shall be prepared on the basis of the equipment and material specified herein for purposes of determining the low bid. This is not done, however, to eliminate other products or equipment of equal quality and efficiency. If equipment is to be substituted, approval of such substitution must be made prior to execution of any order. It is assumed that substitution will result in a reduction of cost to the contractor and that if accepted, these savings will be passed along by a reduction in the base bid.

PROGRESS THROUGH SERVICE SINCE 1906



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OMMXVIII NORWECO, INC

MODEL AT 1500

UV DISINFECTION SYSTEM

INSTALLATION AND OPERATION MANUAL

The Model AT 1500 UV disinfection system is listed with Underwriters Laboratories (UL) under Standard 979 as a residential treatment device. The installer should provide a power disconnect switch mounted to the exterior of the facility being served to de-energize power to the unit during maintenance. Electrical work must be performed in accordance with the latest edition of the National Electrical Code, as well as all applicable local codes. The Model AT 1500 UV disinfection system conforms to the applicable provisions of the Code of Federal Regulations (CFR) requirements including Title 21, Chapter 1, Subchapter J, Radiological Health. CAUTION: DO NOT LOOK DIRECTLY AT THE UV LAMP OR EXPOSE SKIN DURING OPERATION. PERMANENT EYE DAMAGE AND SKIN BURNS WILL OCCUR FROM UV RADIATION EXPOSURE. UV BLOCKING SAFETY GLASSES MUST BE WORN DURING INSTALLATION, SERVICE OR ANY TIME THE LAMP MAY BE ILLUMINATED. UV BLOCKING SAFETY GLASSES ARE AVAILABLE FROM NORWECO.

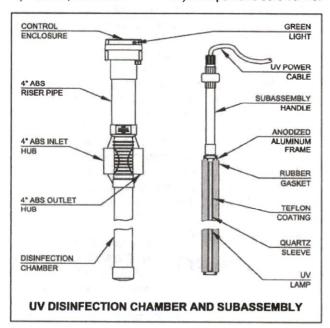
COMPONENTS

The Model AT 1500 UV disinfection system consists of the following components:

- 1) Control enclosure
- 2) 4" ABS riser pipe
- Disinfection chamber with turbulence inducer
- 4) UV lamp (bulb) with male connector
- Power cable with female twist lock connector
- UV subassembly with quartz sleeve and Teflon coating
- 7) Subassembly handle

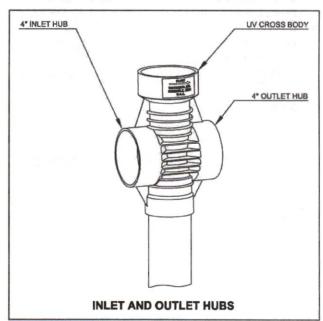
The components should be supplied by the installer:

- 1) Disconnect switch
- 2) Solvent cement
- 3) Hacksaw
- 4) Glycerin (optional)
- 5) Clean, soft cloth
- 6) Isopropyl alcohol
- 7) #14/2 AWG cable
- 8) Conduit and fittings
- 9) Flat head screwdriver
- 10) Phillips head screwdriver



INSTALLATION INSTRUCTIONS

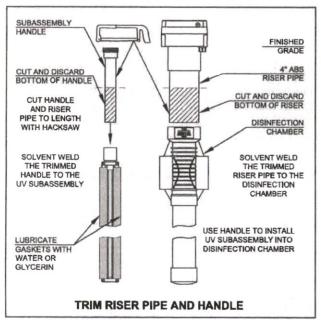
- The excavation for the upstream wastewater treatment system should include an additional 3 feet of length to allow for installation of the Model AT 1500.
- Carefully unpack the Model AT 1500 system. Remove and properly discard all packaging materials from the system components. The UV lamp should remain in the protective shipping sleeve until it is installed.
- Flow direction indicator arrows are molded into the disinfection chamber. When installing the disinfection chamber, be sure to orient the chamber correctly with the flow arrows pointing towards the effluent plumbing.



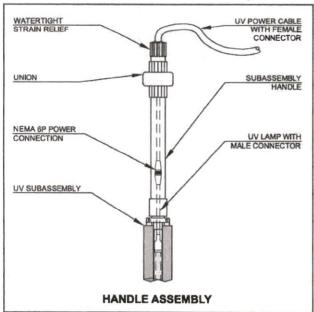
4. Solvent weld the effluent line of the upstream treatment system to the 4" inlet hub of the Model AT 1500. Next, solvent weld the 4" outlet hub to the final effluent line. Cover the open top of the disinfection chamber and backfill up to the bottom of the plumbing.

AT 1500 UV DISINFECTION INSTALLATION AND OPERATION (Cont.)

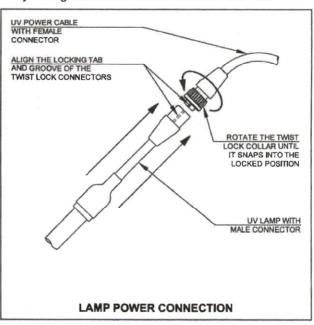
5. The control enclosure should be completely above grade in the finished installation. The riser pipe and subassembly handle are purposely manufactured longer than necessary and must be trimmed. Fit the riser pipe into the top of the disinfection chamber and mark a trim line on the bottom. Mark the subassembly handle on the bottom to trim the same amount.



- Disassemble the union on subassembly handle and set aside the top portion with UV power cable.
- Use a hacksaw to cut along the trim line on both the riser pipe and handle to make them the proper length.
- Solvent weld the riser pipe to the disinfection chamber and solvent weld the handle to the UV subassembly.
- The Model AT 1500 is shipped with the UV power cable connected to the control enclosure. If this power cable



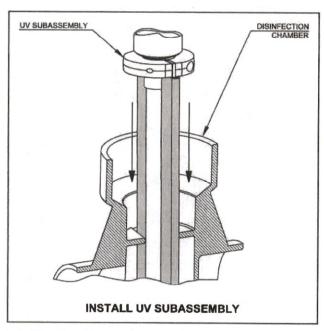
has become disconnected, it must be reconnected at this time. To do so, remove the gasketed cover from the control enclosure. Connect the lead labeled "ONE" on the UV power cable to the terminal block marked "1". Connect the lead labeled "TWO" to the terminal block marked "2". Connect the lead labeled "THREE" to the terminal block marked "3". Connect the yellow/green lead to the terminal marked "Y/G".



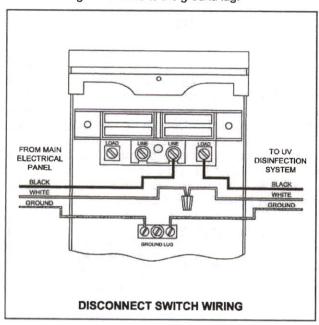
- Remove the threaded access plug from the riser pipe.
- 11. Match the alignment tab on the male connector from the UV lamp to the alignment groove in the female twist lock connector on the UV power cable. Push the two connectors together until the male connector is fully seated in the female connector. Rotate the twist lock collar until it snaps into the locked position.
- 12. Insert the UV lamp and power cable into the handle assembly until the base of the lamp is seated in the bottom of the quartz sleeve. Rotate the power cable if the lamp becomes misaligned.
- 13. Lower the union onto the handle assembly, making sure to pull any slack cable through the strain relief connector. Assemble and tighten the union and strain relief to insure a watertight seal.
- Use water or glycerin to lubricate the rubber gaskets located on both sides of the UV subassembly.
- 15. Do not touch the Teflon coating or allow excess glycerin to contact it. Use a clean, soft cloth and isopropyl alcohol to thoroughly clean the coating.
- 16. Fill the disinfection chamber with clean water.



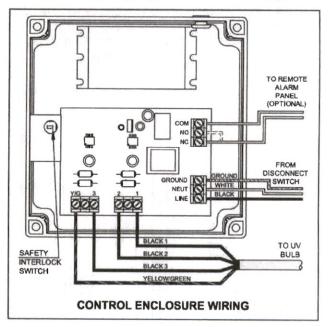
AT 1500 UV DISINFECTION INSTALLATION AND OPERATION (Cont.)



- Align the rubber gaskets with the rectangular opening and lower the UV subassembly into the disinfection chamber.
- 18. Tuck the excess power cable into the riser pipe.
- Use a dedicated 115 volt AC single phase 15 amp circuit in the main electrical panel for the AT 1500. NOTE: Make sure the breaker is off before proceeding.
- Use a disconnect switch to de-energize power during service. Mount directly to the facility being served.
- 21. Install a #14/2 AWG cable from the dedicated breaker in the main electrical panel to the disconnect switch.
- 22. In the disconnect switch enclosure, connect the hot (black) lead from the main electrical panel to the "LINE" terminal. Connect the black lead from the UV system to the "LOAD" terminal. Wire nut both white leads together. Connect ground leads to the ground lug.



- 23. Remove the control enclosure cover and black electrical insulator. Install a #14/2 AWG cable from the disconnect switch to the control enclosure. Insure the connection to the UV system is made in conduit, solvent welded to the conduit fitting provided. A watertight connection is critical for proper operation and safety.
- 24. Attach the incoming hot (black) lead to the terminal block marked "LINE". Attach the common (white) lead to the terminal block marked "NEUT". Attach the incoming ground lead to the terminal block marked "GROUND".
- 25. If a remote alarm panel is required, the alarm leads should be installed in a separate conduit, solvent welded to the second conduit fitting provided. Connect one alarm lead to either the normally open (NO) terminal or the normally closed (NC) terminal. Choose the correct terminal for the type of signal required by the remote alarm panel. Connect the other lead to the common (COM) terminal.
- 26. Solvent weld a conduit plug into any unused fittings.
- Apply thread sealant to the access plug and install plug in the riser opening. Tighten to insure a watertight seal.



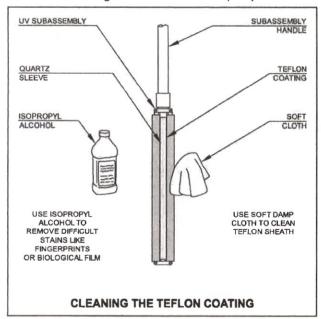
- 28. Reinstall the electrical insulator and four thumb screws. Make sure that the cutout for the safety interlock switch is positioned correctly over the switch.
- 29. Reinstall the control enclosure cover, insuring that the safety interlock post is aligned with the safety interlock switch. Tighten the four screws on the cover to insure a watertight seal. NOTE: If the switch is not aligned with the post, the UV lamp will not operate and the green light on the side of the enclosure will not illuminate.
- Backfill around the disinfection chamber and riser pipe.
 Finished grade should be below the control enclosure to prevent the entry of surface water.
- Turn on power at the disconnect switch and main service panel. Confirm the green light on the enclosure is illuminated indicating proper operation.

AT 1500 UV DISINFECTION INSTALLATION AND OPERATION (Cont.)

MAINTENANCE AND SERVICE

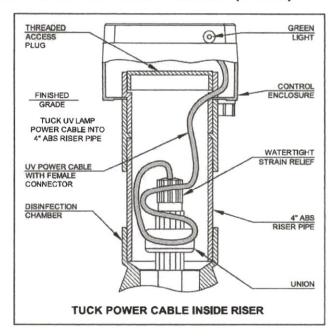
UV protective eyewear must be worn during service or any time the lamp may be illuminated. It is recommended that the subassembly be removed and serviced every six months to insure proper disinfection. To inspect and clean the Teflon coating:

- Turn off power to the UV system at the disconnect switch and/or main service panel. Confirm that the green light on the side of the enclosure is off.
- 2. Remove the control enclosure cover and access plug.
- Carefully remove the UV subassembly from the disinfection chamber
- 4. Inspect the quartz sleeve and Teflon coating for signs of damage or an accumulation of biological film. If the quartz sleeve has been damaged, the UV subassembly must be replaced. If biological film is present on the surface of the Teflon coating, the coating must be cleaned to insure proper disinfection.
- 5. Use a soft damp cloth to carefully and thoroughly clean the Teflon coating.
- Use isopropyl alcohol on a soft cloth to carefully remove difficult stains like fingerprints or biological film.
- Remove all accumulated solids from the disinfection chamber using a vacuum or service pump.



It is recommended that the UV lamp be replaced every two years to insure proper disinfection of the treatment system effluent. The green light on the side of the control enclosure will no longer illuminate when the lamp needs replaced. To replace the lamp:

- Repeat steps 1, 2 and 3 above.
- Disassemble the union on the subassembly handle and remove the UV lamp using the power cable.
- Disconnect the UV lamp from the UV power cord by rotating the twist lock collar ¼ turn.



- Connect new lamp and carefully lower into the UV subassembly. Make sure the lamp is fully seated in the guartz sleeve.
- 5. Reassemble union and tighten strain relief.
- 6. Lower the subassembly into the disinfection chamber.
- 7. Reinstall the threaded access plug into the riser.
- Reinstall the enclosure cover, insuring that the safety interlock post is aligned with the safety interlock switch.
 Tighten the four screws to insure a watertight seal.
- Turn on power at the disconnect switch or main service panel. Verify that the green light on the side of the control enclosure is illuminated.

NOTE: UV lamps contain mercury which is harmful to the environment. Recycle old UV lamps at an authorized center.

ALARM CIRCUIT

The Model AT 1500 system is equipped with a current sensing circuit to monitor the UV lamp performance. If the UV lamp output drops below an acceptable level for proper disinfection, the alarm circuit will turn off the green light on the enclosure. When connected to the Service Pro control center, the service provider can be immediately notified that maintenance to the UV system is required. For more information regarding connection of the Model AT 1500 UV disinfection system alarm to a Service Pro control center, please refer to the Service Pro Control Center with MCD Technology Installation and Operation Instructions.



NORWECO, INC. NORWALK, OHIO U.S.A. 44857 www.norweco.com

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Contract	Al., mhan	Sadler	
Contract	Number:	Sagier	

SERVICE AND MAINTENANCE CONTRACT

1.	Parties. This contract ("Agreement" or "Contract") Roger Sadler	is be	tween Meinco Septic Systems, Inc., ("Meinco") and _, ("Client"), referred to individually as a "Party" and
	collectively as the "Parties."		
2.	Service Location. This is a Contract for septic Meinco for Client located at 8100 Hwy 67 South, Bento hereinafter referred to as the "Service Site."	syste	em service and maintenance services provided by ansas 72019
3.	Service Fees. Client agrees to pay Meinco One service and maintenance specifically work performore specifically below (hereinafter referred to a invoiced amount is good consideration for this Cobargained for terms of this agreement.	med as "Se	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 costs of repairs, modifications, parts, and labor. Meinco may, at its
5.	Laboratory Fees. A) This paragraph is inapplicable. B) Client agrees that Meinco will use a third party laboratory. GeoTechnical & Testing Services for any sampling that is required under this Contract. In such event.		discretion, seek payment in advance of making any repairs of modifications to the septic system. In such event, Meinco shall no 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 \$150.00 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 employed by them or anyone for whose acts they may be
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		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
В.	Flow Requirements. This contract shall be null and void if septic system flow exceeds 500 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 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).

Dula Net	o Septic Systems, Inc. Date
Meinco Septic Systems, Inc.	Date
Jambrula.	7-8-22
Client	Date



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.
- 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.
- 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: Jambulu	_SIGNED:	anskow RS	•
(Property Owner)	\mathcal{I}	(Health Department)	
DATE: 7-8-22	_ DATE:	7-19-2022	

bing maps

A Saline County Health Department, 1612 Edison Ave, Benton, AR 72015

15 min , 8.1 miles Light traffic (Leave at 9:52 AM) Via AR-35, US-67 S

B 8100 US-67 N, Benton, AR 72015

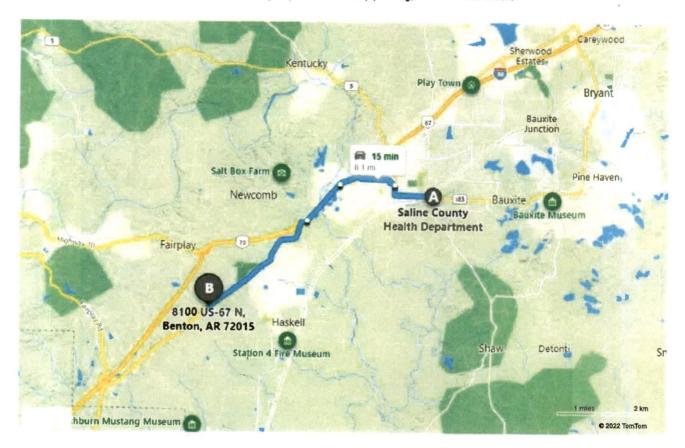
There is a property sign on the right side of Hwy 67 that will show you where to turn. Its a shared driveway the property is the property on the left of the shared driveway.

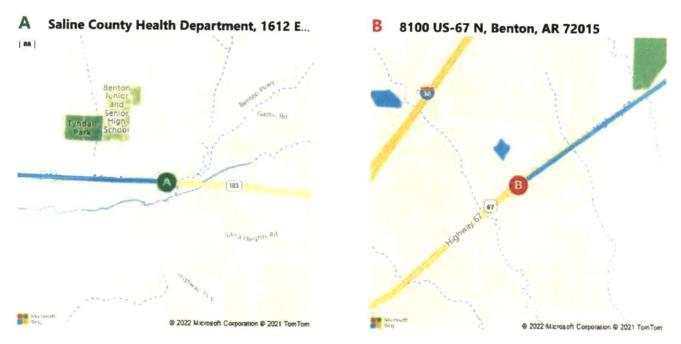
Property is gated with Pad Lock. Please call ahead.

A Saline County Health Department

\uparrow	1.	Head west on AR-35 / Edison Ave toward S Cox St	1.3 mi
4	2.	Turn left onto E Ashley St	502 ft
↑	3.	Road name changes to W Ashley St	384 ft
4	4.	Turn right onto S Market St	394 ft
4	5.	Turn left onto W South St	1.0 mi
1	6.	Continue on AR-229 / Interstate 30 N	0.5 mi
5	7.	Take the ramp on the left and follow signs for US-67 South / I-30 West / US-70 West	1.3 mi
r	8.	At Exit 114, head right on the ramp for US-67 South toward Arkansas Health Center	0.2 mi
4	9.	Turn left onto US-67 S / AR-229 / Highway 67 Minor Congestion	3.6 mi
		Arrive at US-67 S / Highway 67	
	10.	The last intersection before your destination is Graham Rd If you reach Brody Crossing, you've gone too far	

B 8100 US-67 N, Benton, AR 72015





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