

DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER RESOURCES

William R. Snodgrass - Tennessee Tower 312 Rosa L. Parks Avenue, 11th Floor Nashville, Tennessee 37243-1102 (615) 532-0625



NOTICE OF INTENT (NOI) for Land Application of Non-Exceptional Quality Biosolids

Gener Name	Lewisburg STP		Current NPDES No: TN0022888	Existing Tracking No: TN	IB022888				
Owne	r or Operator: (the person or legal entity which contr	rols the site's operati	on)						
	Name of Official Contact Person: (individual respo Tommy Wallace	nsible for a site)	Title or Position: WWTP S	Superviso	r				
1	Mailing Address: PO Box 2787	0.	^{City:} Lewisburg	State: TN	State: TN Zip: 37091 State: Zip: TN to send correspondence: Le effective date of this NOI and a copy of site (tons) (tons) eatment process used prior to				
	Phone:)931-359-2363		E-mail: tom@lewisb	urgwater.	org				
	Name of Local Contact Person: (if appropriate, wri	te "same as #1")	Title or Position:						
2	Site Address: (this may or may not be the same as	street address)	Site City:		Zip:				
	Phone:		E-mail:						
	Write in	the box (to the right) or circle the number (above) to indicate	where to send correspo	ndence:				
	oval letter(s). OPERATIONAL INFORMATION: Estimated annual amount of biosolids ge Estimated annual amount of biosolids to BIOSOLIDS TREATMENT PROCE biosolids being land applied (use a separ	nerated (dry wei be land applied SS: Please pro	ght basis) 165 (dry weight basis) 20 vide a description of the biosoli		(tons)				
Slud	lge is digested through a two sta								
c. See	CHEMICAL ANALYSIS: Indicate where Table 1 Ceiling Contaminant Concent	rations: emonstrate eligi	Table 3 Contaminate bility for and compliance with the state of the st		XXXX				
D.	PATHOGEN REDUCTION LEVEL A, Alternatives 5 and 6; for Class B, A Process to Significantly Reduce Pathoge Class A: Alternative 1 Alternative 4	lternatives 2 and ns (PSRP). Altern Altern	ative 2 Al						
See	Class B: Alternative 1 Provide a detailed description of the presults, as appropriate, that demonstrate attachment A	(List PFRI Altern (List PSRI athogen treatme pathogen reducti	P) (List) nt process. Attach laboratory a	ternative 3 Eq. PSRP) —	rocess monitoring				

NOTICE OF INTENT (NOI) for Land Application of Non-Exceptional Quality Biosolids

E.	reduction. Option 1 Option 5	Opti	ion 2	Option 3	3	Option 4 Option 8	used to achieve the	
	requirements prior Yes	or at the sam	e time as m	eeting the vector	or attracti	on reduction requi	is meet Class A prirements?	
See	monitoring results attachment B	s, as appropriate,	that demon	strate vector at	traction re	eduction is being a	achieved:	
F.	If one of the vector will be performed Option 9 (Sub	on the field as p	art of the la		process:	erformed, indicate	how the vector attraction)	action reduction
G. Se	sampling PLA plan must address e attach	s sampling proto	detailed cop cols for co	y of the biosol ntaminants, pat	ids samp thogen re	ling plan as specification, and vector	fied in the instruction attraction reduction	ons. The sampling ion quality criteria.
H.	LAND APPLICA	ATION AREA	s): Includ	e a list of land	d applicat	tion area(s) that w	vill be used for dis d additional pages it	posal of biosolids.
	Area Number	Area (acres)		on Rate (tons/			Latitude (decimal)	Longitude (decimal)
	Long Distance Rd	18	Т	imothy/Orchard 0 Grain Sorghun			35.469267	-86.739039
	CERTIFICATIV	DN: I	3	of low that	tomin	ant concentrations	in the biosolids	oothogen reduction
I.	vector attraction r will be met prior were prepared un properly gathered person(s) who ma the best of my kr biosolids describe aware that there a knowing violatio penalty of perjury	reduction, and of to land application and evaluated anage the system nowledge and be ed above is eligible are significant perns. As specified	her quality on of biosol n or superv the inform n, or those of lief, is true ble for cove malties for s	criteria of the b lids. I further c vision in accordation submitted directly respons, accurate and or arage under TD submitting false	piosolids s certify that dance with d. Based sible for s complete. EC's Ger e informa	stated in the regular other information that a system design on my own know gathering the information. I further acknowneral Permit for the tion, including posection 39-16-7020	n in this document n in this document ned to assure that whedge as well as rmation, the information, the information, the information whedge that the faci the Land Application ssibility of fines and (a)(4), this declarate	pathogen reduction, et or, if appropriate, and all attachments qualified personnel the inquiry of the nation submitted, to ility or generator of of Biosolids. I am ad imprisonment for tion is made under
R.	Name: Tomr	ny Walla	ace	Wee.		Title: WW7	P Superv	isor
	Signature:	359-8	2363			Date Signed:		
NO'	<u>ΓΕ</u> : In evaluating erage under TDEC'	NOI forms, TD	EC may re	quest additiona	l informa			nine the eligibility for
				apleted and sig	gned for	m to <i>Water.Perm</i>	nits@tn.gov or:	S G E I V E

Biosolids NOI Processing - Division of Water Resources

William R. Snodgrass - Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor

Nashville, TN 37243-1102

RDA 2366

Attachment A



00065

Lewisburg Water and Wastewater

Ms Cathy Allen

401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No:

96203

Sample ID : Liquid Sludge

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DĘ	Date / Time Analyzed	Ву	Analytical Method
				***************************************	<u> </u>		-0	
% Moisture	98.2	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Arsenic	<13.9 <13900	μg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Cadmium	<13.9 <13900	μg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Copper	739.0 739000	μg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Lead	25.5 25500	µg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Mercury	< 1.24 <1.26	mg/Kg - dry	1.26	10.4	1	12/13/23 11:48	FDS	7471A
Mölybdenum	< 13.9 < 13900	μg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Nickel	127.0 127000	μg/Kg - dry		13900	5	12/29/23 19:01	CPW	6020B
Selenium	<13.9 <13900	μg/Kg - đry		13900	5	12/29/23 19:01	CPW	6020B
Zinc .	1370.0 1370,000	µg/Kg - dry		139000	5	12/29/23 19:01	CPW	6020B

Qualifiers/ Definitions DF MQL Dilution Factor

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater

Ms Cathy Allen 401 Woodside Avenue Lewisburg, TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No : 96204

Sample ID : Liquid Sludge #1

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
*				A				
% Moisture	98.1	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Fecal Coliform	168000	cfu/g - dry	210	210	1	12/07/23 14:30	PDS	9222D-1997

Qualifiers/ Definitions DF MQL **Dilution Factor**

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater

Ms Cathy Allen

401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No:

96205

Sample ID : Liquid Sludge #2

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
				September 1	**			
% Moisture	98.5	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Fecal Coliform	133000	cfu/g - dry	266	266	1	12/07/23 14:30	PDS	9222D-1997

Qualifiers/ Definitions

DF MQL **Dilution Factor**

Method Quantitation Limit



00065

Lewisburg Water and Wastewater

Ms Cathy Allen 401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No:

96206

Sample ID : Liquid Sludge #3

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
% Moisture	97.9	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Fecal Coliform	119000	cfu/g - dry	190	190	1	12/07/23 14:30	PDS	9222D-1997



Qualifiers/ Definitions

DF MQL Dilution Factor

Method Quantitation Limit

3



00065

Lewisburg Water and Wastewater

Ms Cathy Allen 401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number : 23-341-0015

REPORT OF ANALYSIS

Lab No :

96207

Sample ID : Liquid Sludge #4

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
% Moisture Fecal Coliform	97.8 81800	% cfu/g - dry	0 181	0.050 181		12/14/23 11:56 12/07/23 14:30		SW-DRYWT 9222D-1997

Qualifiers/ Definitions DF MQL Dilution Factor

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater Ms Cathy Allen

401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No:

96208

Sample ID: Liquid Sludge #5

Matrix: Solids

Sampled: 12/6/2023 15:11

10 TO					45	100		
Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
% Moisture Fecal Coliform	97.8 105000	%. cfu/g - dry	0 181	0.050 _. 181		12/14/23 11:56 12/07/23 14:30		SW-DRYWT 9222D-1997

Qualifiers/ Definitions DF MQL Dilution Factor

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater Ms Cathy Allen 401 Woodside Avenue Lewisburg , TN 37091 Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No :

96209

Sample ID : Liquid Sludge #6

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
		T-14-5-11						
% Moisture	98.1	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Fecal Coliform	87900	cfu/g - dry	210	210	1	12/07/23 14:30	PDS	9222D-1997

Qualifiers/ Definitions DF MQL Dilution Factor

Method Quantitation Limit



00065

Lewisburg Water and Wastewater Ms Cathy Allen 401 Woodside Avenue Lewisburg , TN 37091

Project

Class B Sludge

Information:

Report Date: 01/02/2024

Received: 12/07/2023

Report Number: 23-341-0015

REPORT OF ANALYSIS

Lab No:

96210

Sample ID : Liquid Sludge #7

Matrix: Solids

Sampled: 12/6/2023 15:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
% Moisture	98.2	%	0	0.050	1	12/14/23 11:56	A.B	SW-DRYWT
Fecal Coliform	76700	cfu/g - dry	222	222	1	12/07/23 14:30	PDS	9222D-1997

Qualifiers/ Definitions

DF MQL Dilution Factor

Method Quantitation Limit



00065

Lewisburg Water and Wastewater

Ms Cathy Talley 401 Woodside Avenue Lewisburg, TN 37091 Project

Liquid Sludge

Information:

Report Date: 05/11/2021

Received: 04/29/2021

Report Number: 21-119-0007

REPORT OF ANALYSIS

Lab No:

95079

Sample ID: WWTP Liquid Sludge

Matrix: TCLP

Sampled: 4/28/2021 13:35

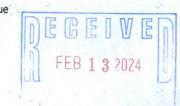
Test		Results	Units	MQL		DF	Date / Time Analyzed	Ву	Analytical Method
	1874							1,4	1
TCLP Metals Extraction		Filtrate				1	05/06/21 14:00	JAN	SW-1311
TCLP SVOC Extraction		Filtrate				1	05/06/21 14:00	JAN	SW-1311
TCLP VOC ZHE Extract	ion	Leachate				1	05/06/21 14:00	JAN	SW-1311 (ZHE)
TCLP Styrene		<0.0100	mg/L		0.0100	1	05/07/21 16:48	MKD	8260B
	romofluorobenzene		86.6 108		71-137% 70-128%		1 05/07/21 16: 1 05/07/21 16:		
Surrogate: 1,2	romofluoromethane -Dichloroethane - de		114	Limits:	63-136% 70-130%		1 05/07/21 16: 1 05/07/21 16:	48 MK	D L551776
Surrogate: Tol			Prep Batch(es):	L551700	05/07/2:	1 11.0			
Analytical Method: Prep Method:	6010D 3015A		Prep Batch(es).	L331700	03/07/2	1 11.0			
Test	3013A	Results	Units	MQL		DF	Date / Time Analyzed	Ву	Analytical Batch
TCLP Arsenic		<0.250	mg/L		0.250	1	05/08/21 00:03	TJS	L551940
TCLP Barium		<0.250	mg/L		0.250	1	05/08/21 00:03	TJS	L551940
TCLP Cadmium		<0.0500	mg/L	7 7	0.0500	1	05/08/21 00:03	TJS	L551940
TCLP Chromium		<0.100	mg/L		0.100	1	05/08/21 00:03	TJS	L551940
TCLP Lead		<0.100	mg/L		0.100	1	05/08/21 00:03	TJS	L551940
TCLP Selenium		<0.500	mg/L		0.500	1	05/08/21 00:03	TJS	L551940
TCLP Silver		<0.0500	mg/L		0.0500	1	05/08/21 00:03	TJS	L551940

Qualifiers/ **Definitions** DF MQL Dilution Factor

Method Quantitation Limit

Estimated value

J





00065

Lewisburg Water and Wastewater Ms Cathy Talley 401 Woodside Avenue Lewisburg, TN 37091

Project

Results

< 0.0200

Liquid Sludge

Information:

Report Date: 05/11/2021

Received: 04/29/2021

Report Number: 21-119-0007

REPORT OF ANALYSIS

Lab No:

95079

Sample ID: WWTP Liquid Sludge

Matrix: TCLP

Sampled: 4/28/2021 13:35

Analytical Method:

7470A

Prep Batch(es):

L551951

05/10/21 10:30

Date / Time

Analyzed

Prep Method:

MQL

DF

Analytical Batch

Test

TCLP Mercury

7470A

Units

mg/L

0.0200

1 05/10/21 12:51 DDB

L552041

Analytical Method: 8260B

Prep Batch(es):

L551772 05/07/21 10:05

Prep Method: 5030B							
Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
TCLP Benzene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Carbon Tetrachloride	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Chlorobenzene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Chloroform	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP 1,4-Dichlorobenzene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP 1,2-Dichloroethane	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP 1,1-Dichloroethene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Methyl Ethyl Ketone (MEK)	<0.200	mg/L	0.200	1	05/07/21 16:48	MKD	L551776
TCLP Tetrachloroethene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Trichloroethene	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
TCLP Vinyl Chloride	<0.0100	mg/L	0.0100	1	05/07/21 16:48	MKD	L551776
Surrogate: 4-Bromofluorobenzene		86.6	Limits: 71-137%	ó	1 05/07/21 16:	48 MKD	L551776
Surrogate: Dibromofluoromethane		108	Limits: 70-128%	ó	1 05/07/21 16:	48 MKI	L551776
Surrogate: 1,2-Dichloroethane - d4		114	Limits: 63-136%	ó	1 05/07/21 16:	48 MKE	L551776
Surrogate: Toluene-d8		90.2	Limits: 70-130%	6	1 05/07/21 16:	48 MKI	L551776
All the state of t							

Qualifiers/ **Definitions** DF

Dilution Factor

MQL

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater Ms Cathy Talley

401 Woodside Avenue Lewisburg, TN 37091 Project

Liquid Sludge

Information:

Report Date: 05/11/2021

Received: 04/29/2021

Report Number : 21-119-0007

REPORT OF ANALYSIS

Lab No:

95079

Sample ID: WWTP Liquid Sludge

Matrix: TCLP

Sampled: 4/28/2021 13:35

Analytical Method: 8270C

Prep Batch(es):

L551678 05/07/21 10:00

Prep Method: 3510C									
Test	Results	Units		MQL		DF	Date / Time Analyzed	Ву	Analytical Batch
TCLP 2-Methylphenol	<0.100	mg/L	- 4		0.100	5	05/07/21 18:31	VBW	L551789
TCLP 3&4 Methylphenol	<0.200	mg/L			0.200	5	05/07/21 18:31	VBW	L551789
TCLP 2,4-Dinitrotoluene	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP Hexachlorobenzene	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP Hexachlorobutadiene	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP Hexachloroethane	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP Nitrobenzene	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP Pentachlorophenol	<0.200	mg/L			0.200	5	05/07/21 18:31	VBW	L551789
TCLP Pyridine	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP 2,4,5-Trichlorophenol	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
TCLP 2,4,6-Trichlorophenol	<0.100	mg/L			0.100	5	05/07/21 18:31	VBW	L551789
Surrogate: TCLP 2,4,6-Tribro	mophenol	69.8		Limits	: 42-102%	6	5 05/07/21 18:	:31	L551789
Surrogate: TCLP 2-Fluorobiph		46.3		Limits	: 24-86%		5 05/07/21 18	:31	L551789
Surrogate: TCLP 2-Fluorophe		17.3		Limits	: 13-37%		5 05/07/21 18	:31	L551789
Surrogate: TCLP 4-Terpheny		56.5		Limits	: 30-1229	6	5 05/07/21 18	:31	L551789
Surrogate: TCLP Nitrobenzen		42.8		Limits	: 25-78%		5 05/07/21 18	:31	L551789
Surrogate: TCLP Phenol-d6		11.3		Limits	: 9-27%		5 05/07/21 18	:31	L551789

Qualifiers/ **Definitions** DF MQL Dilution Factor

Method Quantitation Limit

J



00065

Lewisburg Water and Wastewater Ms Cathy Talley 401 Woodside Avenue Lewisburg, TN 37091

Project

Liquid Sludge

Information:

Report Date: 05/11/2021

Received: 04/29/2021

Report Number: 21-119-0007

REPORT OF ANALYSIS

Lab No:

95080

Sample ID: WWTP Liquid Sludge

Matrix: Solids

Sampled: 4/28/2021 13:35

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Method	
			-			and the			
Fecal Coliform	840	cfu/g	4	4	1	04/29/21 12:30	PDS	9222D-1997	

Qualifiers/ Definitions DF

Dilution Factor Limit Exceeded J MQL Estimated value Method Quantitation Limit



00065

Lewisburg Water and Wastewater
Ms Cathy Talley
401 Woodside Avenue

Lewisburg, TN 37091

Project

Liquid Sludge

Information:

Report Date: 05/11/2021

Received: 04/29/2021

Report Number: 21-119-0007

REPORT OF ANALYSIS

Lab No:

95080

Sample ID: WWTP Liquid Sludge

Matrix: Solids

Sampled: 4/28/2021 13:35

Analytical Method: Prep Method:	8082 3546		Prep Batch(es):	L550429	04/30/2	1 14:34	1		
Test		Results	Units	MDL	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
							The state of the s		1550677
Aroclor 1016		<830	μg/Kg		830	10			L550677
Aroclor 1221		<830	μg/Kg		830	10	05/01/21 03:15	NFP	L550677
Aroclor 1232		<830	μg/Kg		830	10	05/01/21 03:15	NFP	L550677
Aroclor 1242		<830	μg/Kg		830	10	05/01/21 03:15	NFP	L550677
Aroclor 1248		<830	µg/Кg		830	10	05/01/21 03:15	NFP	L550677
Aroclor 1254		<830	µg/Kg		830	10	05/01/21 03:15	NFP	L550677
Aroclor 1260		<830	μg/Kg		830	10	05/01/21 03:15	NFP	L550677
Surrogate: De	cachlorobiphenyl		59.0	Limits	s: 25-125%	,	10 05/01/21 03:	15 NFP	L550677
	trachloro-m-xylene		79.5	Limits	s: 25-125%)	10 05/01/21 03:	15 NFP	L550677

Qualifiers/ Definitions DF

Dilution Factor

MQL

Method Quantitation Limit

J



Shipment Receipt Form

Customer Number: 00065

Customer Name: Lewisburg Water and Wastewater

Report Number: 21-119-0007

Shipping Method

Fed Ex UPS	US Postal Client	Lab Courier		Other : Thermometer ID:	IR1			
Shipping containe	er/cooler uncompromised?	•						
Number of cooler	s/boxes received	Parasan, com	1					
Custody seals into	act on shipping container/co	ooler?	Yes	No	•	Not Present		
	act on sample bottles?		Yes	No	•	Not Present		
Chain of Custody	(COC) present?	•	Yes	No				
COC agrees with	sample label(s)?	•	Yes	No		×		
COC properly cor		•	Yes	No	TOP I			
Samples in prope			Yes	No				
Sample container		•	Yes	No				
Sufficient sample	volume for indicated test(s))?	Yes	No		Tell William		
All samples recei	ved within holding time?	•	Yes	No				
Cooler temperatu	re in compliance?	•	Yes	No				
Cooler/Samples Samples were co process had beg	arrived at the laboratory on onsidered acceptable as coo un.	ice.	Yes	No		ta dir.		
Water - Sample	containers properly preserve	ed 🕕	Yes	No		N/A		
Water - VOA vial	s free of headspace		Yes	No	•	N/A		
Trip Blanks recei	ved with VOAs		Yes	No	(N/A		
Soil VOA method	5035 – compliance criteria	met	Yes	No	•	N/A		
High concent	ration container (48 hr)		Lo	w concentration En	Core sa	mplers (48 hr)		
High concent	ration pre-weighed (methan	iol -14 d)	Lo	w conc pre-weighe	d vials (S	Sod Bis -14 d)		
Special precaution	ons or instructions included	?	Yes	● No	POST			

Signature: Casey Rice

Date & Time: 04/29/2021 09:37:54

Waypoint Analytical 2269 Dr. F.E.Wright Dr. - Jackson TN 38305

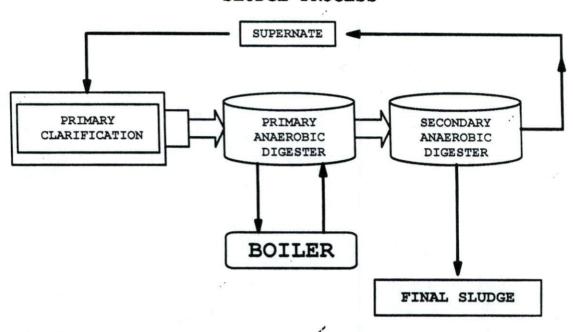
731-423-5330 1-800-TEC-1808 FAX 731-423-5326

PAGE 1 OF 1				CHAIN OF CUSTODY/FIELD DATA SHEET										
CLIENT NAME: Lewisburg Water and Wastewater				PROJECT SITE: Liquid Sludge					ANALYSES REQUESTED					
	ADDRESS: 401 Woodside St.			P.O. # 83319 QID 1943										
Lewisburg, TN 37091			RUSH? (Lab MUST Be Notified) CLIENT # L124							A STREET				
PHONE: (931)359-2363 Cathy Talley			<24 hr 200% DATE NEEDED:					21-119-0007 00065						
FAX: (931-359-3971			24-4	24-48 hr 100%				Levist	Lewisburg Water and Wastewater 09 36 56					
	DBY: Cathy Alen		48-72 hr 50% FAX? _No X Yes				Liquid Sludge							
# OF CONT.	SAMPLE DESCRIPTION/LOCATION	DATE	TIME	COMP		MATRIX*	PRESERVATIVE		11	1 1				
1 LITER	WWTP Liquid Sludge	42721	1335	1	х	SLUDGE	NONE	TCLP: MI	ETALS, V	OAS, SVOCS	, (TOTAL	PCB'S)		
1 4OZ GIAMBER	WWTP Liquid Sludge	4 27 21	1335		х	SLUDGE	NONE	FECAL COLIFORM						
- 6	g g								j j		+			
										-+	-			
	SEND	IN ON FRIE												
*Matrix: SS-	Soil GW-Groundwater TW-Treated Grou	undwater WV	V-Wastewa	ter WS-	Water Sa	mple WO-	Waste Oil DW-Drink			D-Sediment O	-Other			
							SHIPPED VIA: UPS CLIENT VEHICLE							
Remarks:		4						FEDX		B VEHICLE	H	*		
								OTHER		OOLER#:	- 347			
			6				1.	SAMPLES	RETURNED	VIA:	Condition	: (lab use on		
RELINQUISHED BY:		DATE: TIME: RECEIVED BY:			UPS CLIENT VEHICLE									
Calle			4.27.21345				FEDX LAB VEHICLE							
RELINQUISHED BY:			DATE:	TIME:	RECEIVED BY:			TEMP: OC Bottles Received:						
RELINQUISHED BY:			DATE:	TIME:	FECTIVED FOR IAB BY			DATE 91	21 2	130	pH che	cked NO		

Attachment B

LEWISBURG WATER AND WASTEWATER

SLUDGE PROCESS



Sludge is digested by a two stage anaerobic digestion process. Sludge is wasted into the primary anaerobic digester through a sludge heat exchanger. In the digester it is mixed and held while the volatile portion of the sludge is reduced. The secondary digester acts as a sludge holding tank and supernating basin. Sludge is ultimately disposed of by department personnel using land application

TYPE OF CROP: Timothy and Orchard Grass



Attachment C

Lewisburg Wastewater

Class B Biosolids Sampling Plan

Each day biosolids are hauled; a composite sample which is made up of grab samples is taken. This is achieved by the following:

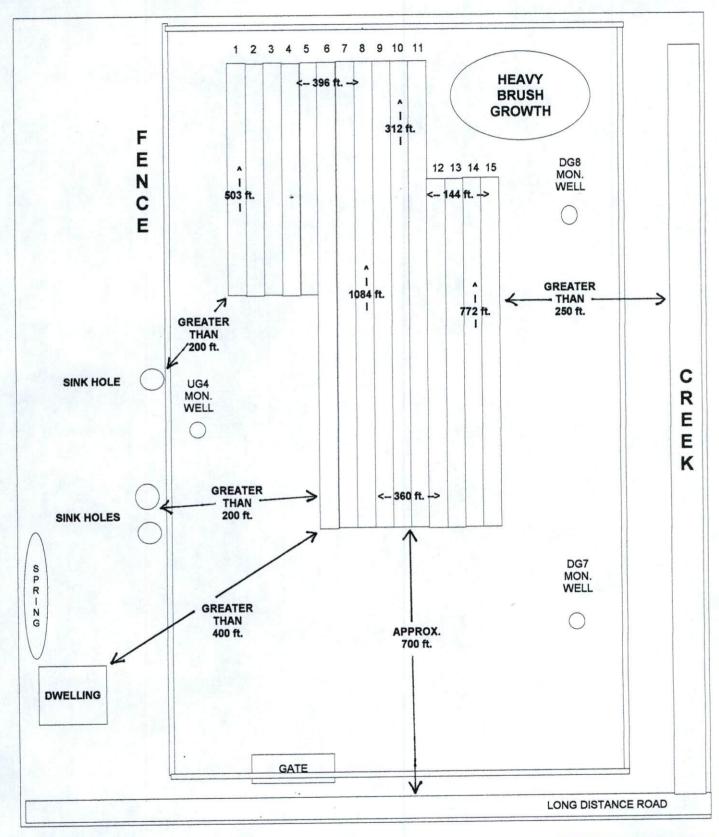
- 1. While wearing appropriate PPE, grab approximately 200 mL of biosolids from the truck hose connection and pour into a 3-gallon bucket. Place the bucket in ice while hauling is occurring.
- 2. Repeat this for each load.
- 3. Upon sampling the last load, thoroughly mix the bucket contents. Fill the required sample bottles with the mixed sample.
- 4. Return the samples to lab, preserve if necessary and place in the refrigerator. The labels should contain the following:
 - a. Class B biosolids
 - b. Date
 - c. Time of first grab sample
 - d. Initials
 - e. Preservative (if any)
 - f. Parameters for analysis
- 5. Fill out Contract Lab's chain of custody and follow their instructions for packing and shipping.

Attachment D



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LONG DISTANCE ROAD BIO-SOLID SITE



Map for reference only, not drawn to scale



FFR 1 3 2024