

1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone (205) 699-6647 Toll Free (866) 729-7211 Fax (205) 699-3882

Report Date:

Page 1 of 9

01/18/2019

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Control No:

1901-00156

Sample # 001

Sampler: Sample ID: DB

DC-33-3

Sample Date: 01/10/2019

Receive Date: 01/10/2019

Receive Time: 15:10

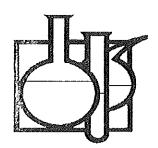
Sample Time: 9:47

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рН	7.11	SU	DB	01/10/2019	9:47	150.1	(1)
Turbidity, Nephelometric	10.18	NTU	DB	01/10/2019	9:47	180.1	` ,
Conductance, Sp. (field)	215	umhos	DB	01/10/2019	9:47	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	70.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	91.	mg/L	DRH	01/14/2019	12:00	200.7	· /
Calcium	28.8	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	4.55	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.47	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22rd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone Toll Free

(205) 699-6647 (866) 729-7211

Fax

(205) 699-3882

Page 2 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Report Date: Receive Date: 01/10/2019

01/18/2019

Receive Time: 15:10

Control No:

1901-00156

Sample # 002

Sample Date: 01/10/2019

Sampler:

D8

Sample ID:

DC-SS-4

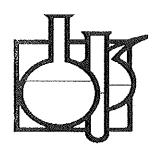
Sample Time: 9:43

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.31	SU	DB	01/10/2019	9:43	150.1	(1)
Turbidity, Nephelometric	10.52	NTU	DB	01/10/2019	9:43	180.1	` '
Conductance, Sp. (field)	207	umhos	DB	01/10/2019	9:43	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	58.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	96.	mg/L	DRH	01/14/2019	12:00	200.7	` ,
Calcium	30.6	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	4.77	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.51	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone Toll Free

(205) 699-6647 (866) 729-7211

Fax (205) 699-3882

Page 3 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Report Date: 01/18/2019 Receive Date: 01/10/2019

Receive Time: 15:10

Control No:

1901-00156

Sample # 003

Sample Date: 01/10/2019

Sampler:

DB

Sample ID:

LC-MP-3

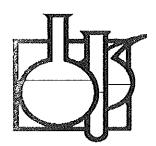
Sample Time: 9:50

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рН	7.45	SU	DB	01/10/2019	9:50	150.1	(1)
Turbidity, Nephelometric	3.40	NTU	DB	01/10/2019	9:50	180.1	` ,
Conductance, Sp. (field)	407.	umhos	DB	01/10/2019	9:50	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	20.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	198.	mg/L	DRH	01/14/2019	12:00	200.7	• •
Calcium	69.0	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	6.22	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.48	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094

(205) 699-6647 Telephone Toll Free (866) 729-7211 Fax (205) 699-3882

Page 4 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Control No:

1901-00156

Sample # 004

Sampler:

DB

Sample ID: LC-MP-2 Report Date: 01/18/2019 Receive Date: 01/10/2019

Receive Time: 15:10

Sample Date: 01/10/2019

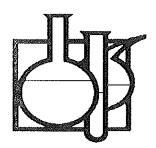
Sample Time: 13:50

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рН	7.25	SU	DB	01/10/2019	13:50	150.1	(1)
Turbidity, Nephelometric	4.40	NTU	DB	01/10/2019	13:50	180.1	, ,
Conductance, Sp. (field)	397.	umhos	DB	01/10/2019	13:50	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	19.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	196.	mg/L	DRH	01/14/2019	12:00	200.7	` ,
Calcium	68.1	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	6.27	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.48	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3th Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
 Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- 7. NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094

Sample # 005

Telephone (205) 699-6647 Toll Free (866) 729-7211 Fax (205) 699-3882

Page 5 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Control No:

1901-00156

DB

Sample ID: LC-MP-1

Sampler:

01/18/2019 Receive Date: 01/10/2019

Receive Time: 15:10

Report Date:

Sample Date: 01/10/2019

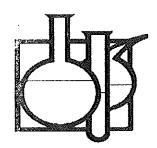
Sample Time: 13:58

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рΗ	7.62	SU	DB	01/10/2019	13:58	150.1	(1)
Turbidity, Nephelometric	2.47	NTU	DB	01/10/2019	13:58	180.1	()
Conductance, Sp. (field)	386.	umhos	DB	01/10/2019	13:58	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	17 .	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	190.	mg/L	DRH	01/14/2019	12:00	200.7	()
Calcium	66.4	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	5.83	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.41	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3th Edition, Updated IV December 1996
- 4. 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- 7. NIOSH Manual of Anaytical Methods, 4th Edition, May 1996.



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone Toll Free

Fax

(205) 699-6647

(866) 729-7211

(205) 699-3882

Page 6 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Report Date: 01/18/2019 Receive Date: 01/10/2019

Receive Time: 15:10

Control No:

1901-00156

Sample # 006

Sample Date: 01/10/2019

Sampler: Sample ID:

LC-SS-6

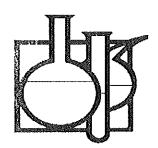
Sample Time: 14:12

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.43	SU	DB	01/10/2019	14:12	150.1	(1)
Turbidity, Nephelometric	2.41	NTU	DB	01/10/2019	14:12	180.1	• •
Conductance, Sp. (field)	369.	umhos	DB	01/10/2019	14:12	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	18.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	183.	mg/L	DRH	01/14/2019	12:00	200.7	
Calcium	64.2	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	5.51	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.30	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone (205) 699-6647 Toll Free (866) 729-7211 Fax (205) 699-3882

Report Date:

Page 7 of 9

01/18/2019

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Control No:

1901-00156

Sampler: Sample ID: LC-SS-7

Sample # 007

Sample Date: 01/10/2019

Receive Date: 01/10/2019

Receive Time: 15:10

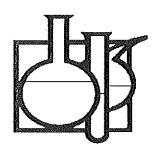
Sample Time: 14:19

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.77	SU	DB	01/10/2019	14:19	150.1	(1)
Turbidity, Nephelometric	2.55	NTU	DB	01/10/2019	14:19	180.1	
Conductance, Sp. (field)	360.	umhos	DB	01/10/2019	14:19	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Color, APHA	26.	PCU	AH	01/11/2019	14:30	110.2	(1)
Hardness, Total	189.	mg/L	DRH	01/14/2019	12:00	200.7	
Calcium	67.0	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	5.34	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.15	mg/L	DRH	01/14/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone Toll Free

(205) 699-6647

(866) 729-7211

Fax

(205) 699-3882

Page 8 of 9

City of Leeds City of Leeds 1040 Park Drive Leeds, AL 35094

Attention: Mr. Brad Watson

Report Date: 01/18/2019 Receive Date: 01/10/2019

Receive Time: 15:10

Control No:

1901-00156

Sample # 008

Sample Date: 01/10/2019

Sampler: Sample ID:

LC-SS-9

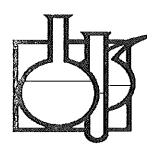
Sample Time: 1:44

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рН	7.73	SU	DB	01/10/2019	1:44	150.1	(1)
Turbidity, Nephelometric	3.57	NTU	DB	01/10/2019	1:44	180.1	(.,
Conductance, Sp. (field)	352.	umhos	DB	01/10/2019	1:44	120.1	(1)
Color, APHA	24.	PCU	AH	01/11/2019	14:30	110.2	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Calcium	58.9	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	5.08	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.46	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Hardness, Total	168.	ma/L	DRH	01/14/2019	12:00	200.7	()

This Certificate is Continued On Next Page.

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3nd Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996



1108 Ashville Road P.O. Box 190 Leeds, Alabama 35094 Telephone Toll Free

(205) 699-6647

Fax

(866) 729-7211 (205) 699-3882

Page 9 of 9

City of Leeds City of Leeds 1040 Park Drive

Leeds, AL 35094 Attention: Mr. Brad Watson Report Date: Receive Date:

01/18/2019 01/10/2019

Receive Time: 15:10

Control No:

1901-00156

Sample # 009

Sample Date: 01/10/2019

Sampler:

DB

Sample ID:

LC-SS-10

Sample Time: 14:52

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
рН	7.82	SU	DB	01/10/2019	14:52	150.1	(1)
Turbidity, Nephelometric	2.73	NTU	DB	01/10/2019	14:52	180.1	• ,
Conductance, Sp. (field)	355.	umhos	DB	01/10/2019	14:52	120.1	(1)
Color, APHA	25.	PĊU	AH	01/11/2019	14:30	110.2	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	01/16/2019	15:41	350.2	(1)
Calcium	58.7	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Magnesium	5.17	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Potassium	1.49	mg/L	DRH	01/14/2019	12:00	200.7	(1)
Hardness, Total	168.	mg/L	DRH	01/14/2019	12:00	200.7	

- Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994 Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012 Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
- 1987 ASTM Annual Standards
- Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
- Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
- NIOSH Manual of Anaytical Methods, 4th Edition, May 1996

email: gsi@gsilab.com 1108 Ashville Road, P.O. Box 190 Leeds, Alabama 35094 (205) 699-6647

Chain of Custody Record/ Analysis Report



www.gsilab.com (205) 699-3882 Fax

Client:	Mr Brad Watson										Dhone.	2												
Company:	City of Leeds										Fax:											H		
Address:	1040 Park Drive									-	P.O.#:	.**												
	Leeds, AL 35094									7	roje	Ct:		19 1	S S	2019 1st Semester Stor	Stormwater- Dry	r Dr	٧					
				Sample		Bottle	-	Sam	ple	Sample Preservative	erva	ltive					Analysis Requested	is Re	eque	sted				П
Sample ID	Sample Description	Sample Date	Sample Time	Comp.*	Grab	Glass	Plastic	HCI HNO₃	H 60	H ₂ SO ₄	NaOH	Other **	Other											
	700 53 3	1-10-19	4:47			_		_			_	-		Field pH:	并			\exists	7	=	٦			- 1
			_				_	_				_	Ξij.	eld 1	urb	Field Turbidity:			10,18	8				
							_	_	_			_	T	eld (one	Field Conductivity:		2	Sert us	S.L.				
			_		×		×	_			2 7	×	≥	APHA Color	Col	or		4	215	,				
					×		×			×		×	≥	Ammonia	nia									
					×		×	Н	Ш			×	ĭ	rdn	ess.	Hardness. Ca. Mg. K								
	DC 55 4	1-10-19	9:43					H	Ш				<u> </u>	Field pH:	ž				7.	7.31				
		_	_						_			H	I	eld T	urb	Field Turbidity:		_	10,	10.52				
							_	_	_		_	_	Ξ	eld C	ono	Field Conductivity:		N	07	20745				
					×		×			_		×	Α	APHA Color	Col	or		П						
					×		×	_	been	×		×	Þ	Ammonia	nia									
		1	1		×	-	×	+-	-	-	 	×	H	rdn	ess.	Hardness. Ca. Mg. K		T						
Complet by:			12.77	L	L	L	-	, –	L	-		-	1					. 1	1		!		ì	
	FRINT	Date:	SIGN	Time:		1		ا م	elino	Relinquished		y.	hard		May way		Date:	L	1001		= :	Time:	0.0	C
Received by:		Date:		Time:	••			ZJ	elinc	Relinquished	ned i	by:					Date:	**			=:	Time:		
Received for Laboratory by:	Jon 10	Unner		Date:	15 B	W	NUM	19			Tim	e:	Time: 1510											
Was Shipped Con	Was Shipped Container intact when received?		Yes 🗸	No		ldit	Initials	Y	0	Sea	Seals intact?	tact?	? Yes	4MS	l :	No								
Were all samples	Were all samples properly preserved? Yes	No	Initials	D	10					ြွ	amp	le te	Sample temp. 5	5.2	ဂိ									
Comments:	Other = See Above for Sample Preservatives, Field Measurements	le Preserv	atives, Fiel	d Me	asur	eme	nts																	
Dit an "X" in the	But an "X" in the appropriate column for cample type and cample proceduative. Write in analysis requested	bac eart	cample pre	200	ovito	8	0	2	Vo.	2 2	2011	Ď									1			

Put an "X" in the appropriate column for sample type and sample preservative. Write in analysis requested.
*For composite samples include start and stop date and time in comments section **Write in preservative used in comments

1108 Ashville Road, P.O. Box 190 Leeds, Alabama 35094 (205) 699-6647 email: gsi@gsilab.com

Chain of Custody Record/ Analysis Report



www.gsilab.com (205) 699-3882 Fax

Client:	Mr. Brad Watson										Ph	Phone:							
Company:	City of Leeds										Fax:	n							
Address:	1040 Park Drive										P.O.#:).#:							
	Leeds, AL 35094										Pro	ject		2019 1st	2019 1st Semester Stormwater- Dry	nwater-	Dry		
				Sample Bottle	ple	Bott	e	Sa	mpl	Sample Preservative	eser	vativ	9/		9	nalysis	Analysis Requested		
Sample ID	Sample Description	Sample Date	Sample Time	Comp.*	Grab	Glass	Plastic	HCI	HNO ₃	H₂SO₄	NaOH	Cool 4°C	Other **						
	LC-MP3	1-10-19	9:50											Field pH:	E .		7.45		
														Field Turbidity:	rbidity:		3.40		
											_			Field Co	Field Conductivity:		407 48		
					×		×					×		APHA Color	olor				
		_			×		×			×		×		Ammonia	ia				
		1			×		×					×		Hardness. Ca.	s. Ca. Mg. K				
	LC IMPZ	1-10-19	1:50											Field pH:	E		7.25		
			_											Field Turbidity:	rbidity:		4.40		
			_											Field Co	Field Conductivity:		397,48		
			_		×		×					×		APHA Color	olor				
					×		×			×		×		Ammonia	iai				
		_			×		×					×		Hardnes	Hardness. Ca. Mg. K				
			1											5					
Sampled by:	Dalo Brakhaco	4	1 her tha	hallung	٩				Reli	Relinquished by:	ishe	d by		Marils	ich has	Date:	1-10-19	Time:	15.10
Received by:	PRINT /	Date:		Time:	15				Reli	Relinquished by:	ishe	d by		\		Date:		Time:	
Received by:		Date:		Time:	! !				Reli	Relinquished by:	ishe	d by				Date:		Time:	
Received for Laboratory by:	101. D	moner	,	Date:	_	×	3	<u>_</u>	O.V		_	Time:	0	570					
Was Shipped Con	Was Shipped Container intact when received?	15	Yes /	No		1	Initials	S	5	ဖွ	Seals inta	inta	ct?	Yes W	No				
Were all samples p	Were all samples properly preserved? Yes	No	Initials	ľ	7						Sar	Sample	tem	e temp. S. 2°C	Č				
Comments:	Other = See Above for Sample Preservatives, Field Measurements	ample Preserv	atives, Fie	id ⊠	easu	rem	lent	ľ											
	z																		

Put an "X" in the appropriate column for sample type and sample preservative. Write in analysis requested.
* For composite samples include start and stop date and time in comments section **Write in preservative used in comments

email: gsi@gsilab.com 1108 Ashville Road, P.O. Box 190 Leeds, Alabama 35094 (205) 699-6647

Chain of Custody Record/ Analysis Report



(205) 699-3882 Fax www.gsilab.com

Client:	Mr. Brad Watson										P	Phone:							
Company:	City of Leeds										Fax:	×							
Address:	1040 Park Drive										. d	P.O.#:							
	Leeds, AL 35094									Project:	P	ojeci	TT.	2019 1	2019 1st Semester Stormwater- Dry	nwater-	Dry		
				Sample Bottle	ple	Bot	tle	ş	dui	e Pr	esei	vati	Уe		٨	nalysis	Analysis Requested		
Sample ID	Sample Description	Sample Date	Sample Time	Comp.*	Grab	Glass	Plastic	HCI	HNO ₃	H ₂ SO ₄	NaOH	Cool 4°C	Other **						
	I C MPI	1-10-19	1:58							П			-	Field pH:	эH:		7.62		ž.
			_										_	Field 1	Field Turbidity:		2.47		
														Field (Field Conductivity:		386 48		
					×		×				_	×		APHA Color	Color			_	
			_		×		×			×	_	×		Ammonia	nia				
			1		×		×				Г	×		Hardness.	ess. Ca. Mg. K				
	01-55 21	1-10-19	2:12								Н	_		Field pH:	bH:		7.43		
														Field 7	Field Turbidity:		2.41		
											_			Field (Field Conductivity:		36925		
					×		×					×		APHA Color	Color				
					×		×			×		×		Ammonia	nia				
					×		×					×		Hardn	Hardness. Ca. Mg. K				
											_		-	2					
sampled by:	Dale Brokhaco	1 Sich	bielles		1				Rel	Relinquished by:	ishe	d by	; /	161.15	chline	Date:	1-10-19	Time:	Time: 15:10
Received by:		Date:	SIGN /	Time:	!!!				Rel	Relinquished by:	ishe	d by	7	1	,	Date:		Time:	
Received by:		Date:		Time:	۱:۲				Rel	Relinquished by:	ishe	d by	77			Date:		Time:	
Received for Laboratory by:	pratory by: The Man	SUL		Date:		0/	the	5	70		_	Time:		スつ					
Vas Shipped Cor	Was Shipped Container intact when received?		Yes 💉	No		5	Initials	S	V	က္ခ	eals	inta	5	Seals intact? Yes	No				
Vere all samples	Nere all samples properly preserved? Yes	No	Initials	dy:	10						Sal	mple	ter	Sample temp. 5.2	റ്				
Comments:	Other = See Above for Sample Preservatives, Field Measurements	ple Preserv	atives, Fie	M	easu	rem	lent	S											
											×								
				١	١	١	١	١	١	١	l	l	١						-

Put an "X" in the appropriate column for sample type and sample preservative. Write in analysis requested.

* For composite samples include start and stop date and time in comments section **Write in preservative used in comments

1108 Ashville Road, P.O. Box 190 Leeds, Alabama 35094 (205) 699-6647

email: gsi@gsilab.com

(205) 699-3882 Fax www.gsilab.com

Chain of Custody Record/ Analysis Report



Client: Mr. Brad Watson			-	indic.				
Company: City of Leeds			7,1	Fax:				
			.0	P.O.#:				
Leeds, AL 35094			Project:		2019 1st Semester Stormwater- Dry	rmwater- I	Dry	
	Sample Bottle	200	pie Prese	rvative		Analysis	Analysis Requested	
Sample ID Sample Description Sample Sample Time	Comp.* Grab Glass	Plastic HCI HNO ₃	H ₂ SO ₄	Cool 4°C Other **				
1-10-19 2:19					Field pH:		7.77	
\dashv					Field Turbidity:		2.55	
					Field Conductivity:		36045	
	×	×		×	APHA Color			
	×	×	×	×	Ammonia			
	×	×			Hardness. Ca. Mg. K			
LC 95 9 1-10-19 246					Field pH:		7.73	
			_		Field Turbidity:		3.57	
					Field Conductivity:		35245	
	×	×		×	APHA Color			
	×	×	×	×	Ammonia			
	×	×	_	×	Hardness. Ca. Mg. K			
			_		2			
Sampled by: White Northern Data Broken How Miles	tolders	R	Relinquished by:	ed by: / /	Wit Buldley-	Date:	1-10-19	Time: 15:
PRINT Date: 3/200	Time:	Z.	Relinquished by:	ed by:	`	Date:		Time:
Date:	Time:	R	Relinquished by:	ed by:		Date:		Time:
Laboratory by: \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Date:	an 9		Time: 15	1510			
Was Shipped Container intact when received? Yes	NoIn	Initials Wh	Seals inta	5	Yes W No			
Were all samples properly preserved? Yes No Initials	B		Sa	Sample temp.	lp. 5.2°C			
Comments: Other = See Above for Sample Preservatives, Field Measurements	d Measurem	ents						

Put an "X" in the appropriate column for sample type and sample preservative. Write in analysis requested.

* For composite samples include start and stop date and time in comments section **Write in preservative used in comments

1108 Ashville Road, P.O. Box 190 Leeds, Alabama 35094 (205) 699-6647

Chain of Custody Record/ Analysis Report



www.gsilab.com (205) 699-3882 Fax

email: gsi@gsilab.com	.com	www.gsilab.com	ıb.com														7		
Client:	Mr. Brad Watson										Phone:	ne:							
Company:	City of Leeds										Fax								
Address:	1040 Park Drive										P.O.	#							
	Leeds, AL 35094				1						Proj	ect:		2019 1st	2019 1st Semester Stormwater- Dry	mwater-	Dry		
				Sample	ole	Bottle		San	nple	Sample Preserv	serv	vative	$oldsymbol{\sqcup}$			Analysis	Requested		
Sample ID	Sample Description	Sample Date	Sample Time	Comp.*	Grab	Glass	Plastic	HCI	HNO ₃	H₂SO₄	NaOH	Cool 4°C	Other **						
	1C. X10	1-10-19	2:52					Ц					- Aug	Field pH:			7.82	·	
		_											No.	Field Turbidity:	rbidity:		2.73		
						_	_			SE 00				ield Co	Field Conductivity:		35545		
					×		×					×		APHA Color	olor				
					×		×			×		×		Ammonia	מ				
					×	L	×					×	L	dardnes	Hardness. Ca. Mg. K				
							Ц	Ц						Field pH:	•				
														Field Turbidity:	rbidity:				
							_	_					-	ield Co	Field Conductivity:				
					×		×					×	Ĺ	APHA Color	olor				
					×		×	_		×		×		Ammonia	מ				
					×		×					×	-	Hardness.	s. Ca. Mg. K				
			5			L		L					Ļ	7					
Sampled by:	Dalo Brakhen		Martion	olly.		1		71	Relin	Relinquished		by:		Miller	ly	Date:	1-10-19	Time: /	15:10
Received by:	PRINT	Date:	siçx	Time:				20	elin	Relinquished by:	hed	by:	,	\	,	Date:		Time:	
Received by:		Date:		Time:	••			חב	elin	Relinquished by:	shed	by:				Date:		Time:	
Received for Laboratory by:	ratory by: You My	mer .		Date:	1/1) Ku	3	Z			Til	Time:	7	510	1				
Was Shipped Con	Was Shipped Container intact when received?		Yes	No	,	(lhi	Initials	F		Sea	als i	ntaci	4	Seals intact? Yes NA	No				
Were all samples	Were all samples properly preserved? Yes	No	Initials	¥	5						Sam	ple temp. 💍	me	5. 6.0°C	C				
Comments:	Other = See Above for Sample Preservatives, Field Measurements	ple Preserv	atives, Fie	Me Me	asu	eme	ants												
	*																		
מאל מי ויציו	propriets column for sample type and sample preservative. Write in analysis requested	חתב מתעל מ	חח פותחנים	Zev	otive	\$	Ď	ת ב	SAIC	2	ă l	2100							

Put an "X" in the appropriate column for sample type and sample preservative. Write in analysis requested.

* For composite samples include start and stop date and time in comments section **Write in preservative used in comments