

GUARDIAN SYSTEMS, INC.

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

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

Page 1 of 9

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 001
Sampler : DB
Sample ID: LC-MP-1

Sample Date: 11/07/2019
Sample Time: 15:39

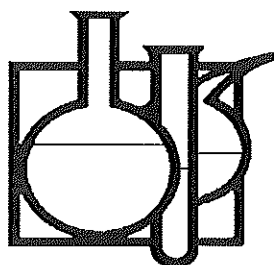
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.63	SU	DB	11/07/2019	15:39	150.1	(1)
Turbidity, Nephelometric	618.	NTU	DB	11/07/2019	15:39	180.1	
Conductance, Sp. (field)	423	umhos	DB	11/07/2019	15:39	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	204.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	70.3	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	6.85	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	1.83	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

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



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City of Leeds
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1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 002
Sampler : DB
Sample ID: LC-MP-2

Sample Date: 11/07/2019
Sample Time: 15:42

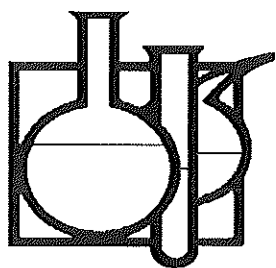
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.93	SU	DB	11/07/2019	15:42	150.1	(1)
Turbidity, Nephelometric	596.	NTU	DB	11/07/2019	15:42	180.1	
Conductance, Sp. (field)	408	umhos	DB	11/07/2019	15:42	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	194.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	66.6	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	6.84	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	1.81	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
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1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 003
Sampler : DB
Sample ID: LC-MP-3

Sample Date: 11/07/2019
Sample Time: 15:49

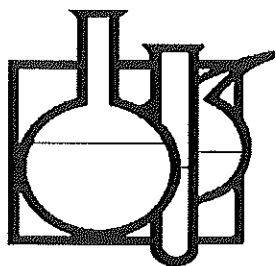
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.93	SU	DB	11/07/2019	15:49	150.1	(1)
Turbidity, Nephelometric	322.	NTU	DB	11/07/2019	15:49	180.1	
Conductance, Sp. (field)	384.	umhos	DB	11/07/2019	15:49	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	200.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	69.0	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	6.85	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	1.90	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
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City of Leeds
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1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 004
Sampler : DB
Sample ID: LC-SS-6

Sample Date: 11/07/2019
Sample Time: 16:21

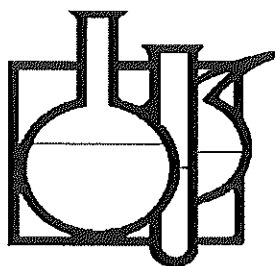
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.88	SU	DB	11/07/2019	16:21	150.1	(1)
Turbidity, Nephelometric	346.	NTU	DB	11/07/2019	16:21	180.1	
Conductance, Sp. (field)	218.	umhos	DB	11/07/2019	16:21	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	197.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	67.9	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	6.61	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	2.10	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
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City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 005
Sampler : DB
Sample ID: LC-SS-7

Sample Date: 11/07/2019
Sample Time: 16:29

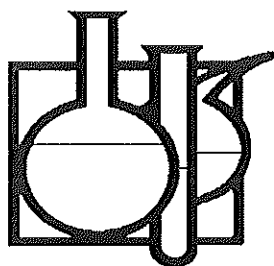
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	8.11	SU	DB	11/07/2019	16:29	150.1	(1)
Turbidity, Nephelometric	2.82	NTU	DB	11/07/2019	16:29	180.1	
Conductance, Sp. (field)	214.	umhos	DB	11/07/2019	16:29	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	181.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	63.0	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	5.74	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	2.32	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
5. Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
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City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 006
Sampler : DB
Sample ID: LC-SS-9

Sample Date: 11/07/2019
Sample Time: 16:39

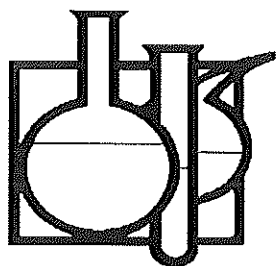
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	8.05	SU	DB	11/07/2019	16:39	150.1	(1)
Turbidity, Nephelometric	3.67	NTU	DB	11/07/2019	16:39	180.1	
Conductance, Sp. (field)	218.	umhos	DB	11/07/2019	16:39	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	185.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	64.6	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	5.69	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	1.84	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
5. Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
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City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 007
Sampler : DB
Sample ID: LC-SS-10

Sample Date: 11/07/2019
Sample Time: 16:44

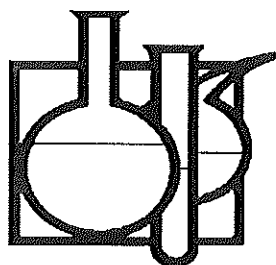
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	8.09	SU	DB	11/07/2019	16:44	150.1	(1)
Turbidity, Nephelometric	3.72	NTU	DB	11/07/2019	16:44	180.1	
Conductance, Sp. (field)	383.	umhos	DB	11/07/2019	16:44	120.1	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Color, APHA	<10.	PCU	CFS	11/08/2019	12:45	110.2	
Hardness, Total	182.	mg/L	DRH	11/14/2019	10:00	200.7	
Calcium	63.8	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	5.48	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	1.82	mg/L	DRH	11/25/2019	12:00	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
5. Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
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City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 008
Sampler : DB
Sample ID: DC-SS-3

Sample Date: 11/07/2019
Sample Time: 16:59

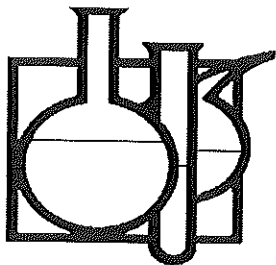
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
pH	7.90	SU	DB	11/07/2019	16:59	150.1	(1)
Turbidity, Nephelometric	15.46	NTU	DB	11/07/2019	16:59	180.1	
Conductance, Sp. (field)	306.	umhos	DB	11/07/2019	16:59	120.1	(1)
Color, APHA	15.	PCU	CFS	11/08/2019	12:45	110.2	
Nitrogen, Ammonia	<0.1	mg/L	TLB	11/08/2019	18:31	350.2	(1)
Calcium	48.9	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Magnesium	4.44	mg/L	DRH	11/14/2019	10:00	200.7	(1)
Potassium	7.45	mg/L	DRH	11/25/2019	12:00	200.7	(1)
Hardness, Total	140.	mg/L	DRH	11/14/2019	10:00	200.7	

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
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Page 9 of 9

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 11/26/2019
Receive Date: 11/07/2019
Receive Time: 17:12

Control No : 1911-00129 Sample # 009
Sampler : DB
Sample ID: DC-SS-4

Sample Date: 11/07/2019
Sample Time: 0:00

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
No Flow, No Sample					0:00		

Approved By: _____

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
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6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
7. NIOSH Manual of Analytical Methods, 4th Edition, May 1996

Chain of Custody Record/ Analysis Report

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

Client: Mr. Brad Watson		Phone:	
Company: City of Leeds		Fax:	
Address: 1040 Park Drive		P.O.#:	
Leeds, AL 35094		Project: 2019 2ND Semester Stormwater- Wet	

Sample ID	Sample Description	Sample Date	Sample Time	Sample Bottle				Sample Preservative				Analysis Requested						
				Comp.*	Grab	Glass	Plastic	HCl	HNO ₃	H ₂ SO ₄	NaOH	Cool 4°C	Other **	Field pH:	Field Turbidity:	Field Conductivity:	APHA Color	Ammonia
LC-MP1		11-7-19	3:39															7.63
																		618
																		423 μS
				X		X												
				X		X												
				X		X												
																		7.93
																		596
																		408 μS
				X		X												
				X		X												
				X		X												

Sampled by: Date: 11-7-19	Relinquished by: Date: 11-7-19	Time: 5:12
Received by: Date: 11-7-19	Relinquished by: Date: 11-7-19	Time: 17:12
Received by: Date: 11-7-19	Relinquished by: Date: 11-7-19	Time: 17:12
Received for Laboratory by: Date: 11-7-19	Seals intact? Yes ☒ No ☐	Initials: <u>BA</u>
Was Shipped Container intact when received? Yes ☒ No ☐	Initials: <u>BA</u>	Sample temp. 68.8 °C
Were all samples properly preserved? Yes ☒ No ☐	Initials: <u>BA</u>	

Comments: Other = See Above for Sample Preservatives, Field Measurements	
PH Meter Calibration Info	QC Sample
Buffer #: 4.0	Traceability # INGC 19012101
Buffer #: 7.0	pH: 7.54 (7.40)
Buffer #: 10.0	Turb: 2/20
Turbidity Meter Calibration Info	Exp. Date
Standard # 800NTU	2/20
Standard # 100NTU	2/20
Standard # 200NTU	2/20
Standard # 400NTU	2/20

Technician Information
Calibrated by: <u>Michael B. B.</u>
Calibration Time: 8:10
Calibration Date: 11-7-19
Calibration Temp: 68 °C

Notes:

Guardian Systems, Inc.

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

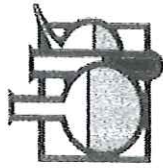
Chain of Custody Record/ Analysis Report

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

Client: Mr. Brad Watson		Phone:	
Company: City of Leeds		Fax:	
Address: 1040 Park Drive		P.O.#:	
Leeds, AL 35094		Project: 2019 2ND Semester Stormwater- Wet	
Sample ID		Analysis Requested	
Sample Description	Sample Date	Sample Time	Sample Bottle
LC-MP3	11-7-19	3:49	Comp.*
			Grab
			Glass
			Plastic
			HCl
			HNO ₃
			H ₂ SO ₄
			NaOH
			Cool 4C
			Other**
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
			Field Conductivity:
			APHA Color
			Ammonia
			Hardness, Ca. Mg. K
			Field pH:
			Field Turbidity:
	</		

Chain of Custody Record/ Analysis Report

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



Client: Mr. Brad Watson		Phone:	
Company: City of Leeds		Fax:	
Address: 1040 Park Drive		P.O.#:	
Leeds, AL 35094		Project: 2019 2ND Semester Stormwater- Wet	

Sample ID	Sample Description	Sample Date	Sample Time	Sample Bottle				Sample Preservative				Analysis Requested						
				Comp. *	Grab	Glass	Plastic	HCl	HNO ₃	H ₂ SO ₄	NaOH	Cool 4°C	Other **	Field pH:	Field Turbidity:	Field Conductivity:	APHA Color	Ammonia
LC-55-1		11-7-19	4:29	X														8.11
				X														2.82
				X														214 uS
				X														
LC-55-9		11-7	4:39	X														8.05
				X														3.67
				X														218 uS
				X														
				X														
				X														

Sampled by: Dale Brockhage	Relinquished by: Dale Brockhage	Date: 11-7-19	Time: 5:12
Received by:	Relinquished by:	Date:	Time:
Received by: Dan Bryner	Relinquished by:	Date:	Time:
Received for Laboratory by: Dan Bryner	Date: 11-10-19	Time: 17:10	
Was Shipped Container intact when received? Yes ☒ No ☐	Seals intact? Yes ☒ No ☐		
Were all samples properly preserved? Yes ☒ No ☐	Initials ☒ Initials ☐	Sample temp. 60.0 °C	

Comments: Other = See Above for Sample Preservatives, Field Measurements			
PH Meter Calibration Info	Buffer Traceability #	Exp. Date	QC Sample
Buffer #:			Calibrated by:
Buffer #:			Calibration Time:
Buffer #:			Calibration Date:
Turbidity Meter Calibration Info	Standard Traceability #	Exp. Date	Calibration Temp:
Standard #			
Standard #			
Standard #			

Notes:

Guardian Systems, Inc.

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

Chain of Custody Record/ Analysis Report

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



Client: Mr. Brad Watson		Phone:												
Company: City of Leeds		Fax:												
Address: 1040 Park Drive		P.O.#:												
Leeds, AL 35094		Project: 2019 2ND Semester Stormwater- Wet												
		Analysis Requested												
Sample ID	Sample Description	Sample Date	Sample Time	Comp.*	Grab	Glass	Plastic	HCl	HNO ₃	H ₂ SO ₄	NaOH	Cool 4°C	Other**	
LC-55-10		11-7-18	4:44											Field pH: 8.09
														Field Turbidity: 3.72
														Field Conductivity: 383
				X	X	X	X	X	X	X	X	X	X	APHA Color
				X	X	X	X	X	X	X	X	X	X	Ammonia
				X	X	X	X	X	X	X	X	X	X	Hardness, Ca. Mg. K
DC-55-3		11-7-18	4:59											Field pH: 7.90
														Field Turbidity: 15.46
														Field Conductivity: 306
				X	X	X	X	X	X	X	X	X	X	APHA Color
				X	X	X	X	X	X	X	X	X	X	Ammonia
				X	X	X	X	X	X	X	X	X	X	Hardness, Ca. Mg. K
Sampled by: Date <u>Brakehouse</u> Time: <u>11-7-19</u>		Relinquished by: <u>Wade Brakehouse</u> Date: <u>11-7-19</u> Time: <u>5:12</u>												
Received by:		Relinquished by:												
Received by:		Relinquished by:												
Received for Laboratory by: <u>Don Byrner</u> Date: <u>07 NOV 19</u> Time: <u>17:10</u>		Seals intact? Yes <u>DA</u> No <u> </u>												
Were all samples properly preserved? Yes <u> </u> No <u> </u> Initials <u>DB</u> Sample temp. <u>68.8</u> °C														
Comments: Other = See Above for Sample Preservatives, Field Measurements														
PH Meter Calibration Info		QC Sample												
Buffer #:	Buffer Traceability #	Traceability #												
Buffer #:	Buffer Traceability #	Calibrated by:												
Buffer #:	Buffer Traceability #	Calibration Time:												
Turbidity Meter Calibration Info	Standard Traceability #	Calibration Date:												
Standard #	Standard Traceability #	Calibration Temp:												
Standard #	Standard Traceability #													
Standard #	Standard Traceability #													
Standard #	Standard Traceability #													
Notes:														



Client: Mr. Brad Watson		Phone:
Company: City of Leeds		Fax:
Address: 1040 Park Drive Leeds, AL 35094		P.O.#:
Project: 2019 2ND Semester Stormwater- Wet		

Sample ID	Sample Description	Sample Date	Sample Time	Sample Bottle			Sample Preservative					Analysis Requested													
				Comp.*	Grab	Glass	Plastic	HCl	HNO ₃	H ₂ SO ₄	NaOH	Cool 4°C	Other**	Field pH:	Field Turbidity:	Field Conductivity:	APHA Color	Ammonia	Hardness, Ca. Mg. K	Field pH:	Field Turbidity:	Field Conductivity:	APHA Color	Ammonia	Hardness, Ca. Mg. K
	KC-SS-4																								
	No Flow				X																				
				X				X																	
				X				X																	
				X				X																	
				X				X																	
				X				X																	
				X				X																	
				X				X																	
				X				X																	

Sampled by: Dale Bracklage Relinquished by: [Signature] Date: 11-7-19 Time: 5:12

Received by: [Signature] Relinquished by: Date: Time: Date: Time:

Received by: [Signature] Relinquished by: Date: 07 Nov Time: 1712 Date: Time:

Was Shipped Container intact when received? Yes ☒ No ☐ Seals intact? Yes ☒ No ☐

Were all samples properly preserved? Yes ☒ No ☐ Initials ☒ Sample temp. 68.8 °C

Comments: Other = See Above for Sample Preservatives, Field Measurements

PH Meter Calibration Info: Buffer #: Buffer #: Buffer #: Turbidity Meter Calibration Info: Standard # Standard # Standard #	Buffer Traceability #	Exp. Date	QC Sample Traceability # pH: Turb: Exp. Date	Technician Information Calibrated by: Calibration Time: Calibration Date: Calibration Temp:

Note: