

GUARDIAN SYSTEMS, INC.

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

April 20, 2018

Mr. Watson:

One (1) sample was submitted to our laboratory for testing on March 9, 2018. The sample was collected from the Cahaba River near the address of a resident who had complained of an odor in the air. The sample was logged into our laboratory and assigned the control number 1803-00272.

The sample was to be scanned for volatile and semi-volatile content using a gas chromatograph equipped with a mass spectrometer in an effort to qualitatively identify any unknown contaminant which might be present. The sample was also analyzed for total phosphate, a possible component in certain illegal manufacturing activity.

The total phosphate is reported on the enclosed certificate of analysis. The GC/MS scans were examined, and no identifiable compounds were detected above the normal background. The phosphate reported was in the normal range which may be present in a body of surface water.

Thank you for allowing us to serve you in this matter. If we can be of further assistance, please feel free to call on us.

Best Regards,

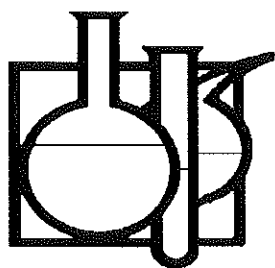
Dennis P. Lyons

Director of Laboratory and Technical Services

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Linda Stoltz Miller

President



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City of Leeds
1040 Park Drive
Leeds, AL 35094

Report Date: 04/20/2018
Receive Date: 03/16/2018
Receive Time: 8:00

Attention: Mr. Brad Watson

Control No : 1803-00272 Sample # 001
Sampler : DL
Sample ID: Cahaba River

Sample Date: 03/09/2018
Sample Time: 14:00

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
Phosphate, Total Phosphorus	0.04	mg/L	TLB	03/22/2018	15:42	365.2	(1)
GC/MS Scan (8260)			CFS	03/17/2018	12:14	8260	(3)
GC/MS Scan (8270)			DL	04/19/2018	17:15	8270	

Approved By:

Dara Bennett

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



Chain of Custody Record/ Analysis Report

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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