



Microbac Laboratories, Inc., Louisville

CERTIFICATE OF ANALYSIS

L9F1741

Dry Ridge, City of

Project Name: WW - Quarterly

Ken Little
P.O. Box 145
Dry Ridge, KY 41035

Project / PO Number: N/A
Received: 06/27/2019
Reported: 07/09/2019

Analytical Testing Parameters

Table with client sample details: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, and Collection Date.

Main analytical results table with columns: Method, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes sections for Wet Chemistry, Anions by Ion Chromatography, and Metals.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

GC Semivolatiles table header with columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst.

Microbac Laboratories, Inc.



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Client Sample ID: Influent - Old High School	Collected By: CUSTOMER
Sample Matrix: Wastewater	Collection Date: 06/27/2019 8:00
Lab Sample ID: L9F1741-01	

GC Semivolatiles	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 608 Rev 7/95								
Aroclor 1016	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1221	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1232	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1242	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1248	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1254	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1260	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1262	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Aroclor 1268	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM
Surrogate: Decachlorobiphenyl	40.0	Limit: 25.7-116		% Rec		07/01/19 0944	07/02/19 1555	JRM
Surrogate: Tetrachloro-m-xylene	55.0	Limit: 39.7-130		% Rec		07/01/19 0944	07/02/19 1555	JRM
Total PCB's	<1.1		1.1	µg/L	U	07/01/19 0944	07/02/19 1555	JRM

Metals	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 245.1 Rev 3.0								
Mercury	<0.00020		0.00020	mg/L		07/02/19 0831	07/05/19 1222	BTM
Wet Chemistry								
Method: EPA 420.4 Rev 1.0								
Phenolics, Total Recoverable	0.035		0.010	mg/L		07/08/19 0825	07/08/19 1400	ABG
Method: SM 4500-CN C/E-1999								
Cyanide, Total	<0.0050		0.0050	mg/L		07/08/19 0829	07/09/19 1008	ABG

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

- B3:** BOD blank is above specifications. The reported result may be an overestimate.
- L1:** Lab Control Sample (LCS) recovery below lower Control Limit.
- L2:** Lab control sample (LCS) recovery above upper Control Limit.
- MDL:** Minimum Detection Limit
- RL:** Reporting Limit
- U:** The analyte was analyzed for but was not detected above the reported quantitation limit. The quantitation limit has been adjusted for any dilution or concentration of the sample.

Project Requested Certification(s)

Microbac Laboratories, Inc. - Chicagoland
75
108202

Kentucky EPPC analysis Underground Storage Tanks (k)
Kentucky Wastewater Laboratory Certification Program (j)

Microbac Laboratories, Inc.

3323 Gilmore Industrial Blvd | Louisville, KY 40213 | 502.962.6400 p | www.microbac.com



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Report Comments

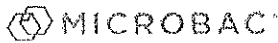
Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

A handwritten signature in cursive script that reads "David Richardson".

David Richardson
Field Services Tech Paducah
Reported: 07/09/2019 16:25



Kentucky Testing Division

3323 Gilmore Industrial Blvd. Louisville, KY 40213 502.962.6400 Fax: 502.962.6411
Evansville 812.464.9000 Lexington 859.276.3506 Paducah 270.898.3637 Hazard 606.487.0511



L9F1741 David Richardson

CHAIN OF CUSTODY

		Route	Freq.
Dry Ridge, City of		Cust. # E6072	Project WW - Quarterly
Ken Little		Phone (859) 824-3335	
P.O. Box 145		Fax (859) 824-3598	Cust. P.O.
Dry Ridge, KY 41035		Email klittlecdr@hotmail.com	Permit #
WW - Quarterly		Acct. Mgr. Anne Daniels	

Analysis	Method	Containers/Preservative	Suppress On COA	# Bottles	Units	Min	Max
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Instructions

01 Influent - Old High School Sample Date/Time/Field Results/Meter ID
6-27-19 08:00
Type Composite

Polychlorinated Biphenyls	EPA 608	A-1 LITER AMBER-4°C			ug/L		
CBOD, 5 Day	SM 5210 B	A-1 LITER PLASTIC - GEN CHEM-4°C			mg/L		
Solids, Total Suspended	USGS I-3765-85	A-1 LITER PLASTIC - GEN CHEM-4°C			mg/L		
Chromium, Hexavalent	SM 3500 CR- B	A-250 ML PLASTIC - GEN CHEM-4°C			mg/L		
Chloride	EPA 300.0	A-50 ML PLASTIC DIGITUBE-4°C			mg/L		
Arsenic	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Cadmium	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Chromium	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Copper	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Lead	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Mercury	EPA 245.1	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Nickel	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Silver	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Zinc	EPA 200.7	B-250 ML PLASTIC-METALS-HNO3			mg/L		
Phenolics, Tot. Recoverable	EPA 420.4	C-1 LITER AMBER PHENOL-H2SO4			mg/L		
Nitrogen, Ammonia	SM 4500 NH3 G	C-250 ML PLASTIC - H2SO4			mg/L		

O&G, Tot. & Hydrocarbon

Oil and Grease, Hydrocarbon	EPA 1664B	C-1 LITER O&G-H2SO4					
Oil and Grease, Total	EPA 1664B	C-1 LITER O&G-H2SO4					
Cyanide, Total	SM 4500 CN E	O-CYANIDE-NAOH 250 ML			mg/L		

Comp. Start Date/Time/Init: _____ Type: Time / Flow ISCO #: _____ Tubing: _____ Collect. Settings: _____
 Initial Flow Reading: _____ Gallons Observations at Setup: Sheen / Foam / Floating Objects / Color / _____
 Comp. Stop Date/Time/Init: _____ Volume Collected: _____ Liters
 Final Flow Reading: _____ Gallons Observations at Collection: Sheen / Foam / Floating Objects / Color / _____

*New collection bag used in all sampling containers. *New Pump tubing used for all sampling events.

SETUP: 4 Deg C Sunny/Cloudy/Ptly Cloudy/Rain REC: 10 Deg C Sunny/Cloudy/Ptly Cloudy/Rain Rain During Event: YES / NO

NOTES:

Relinq. Date/Time/Sign: [Signature] 6-27-19 11:40 Rec'd Date/Time/Sign: [Signature] 6/27/19 11:40 Sampled By: [Signature]

Relinq. Date/Time/Sign: _____ Rec'd Date/Time/Sign: _____

Relinq. Date/Time/Sign: _____ Rec'd Date/Time/Sign: _____

Relinq. Date/Time/Sign: _____ Rec'd Date/Time/Sign: _____



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CHAIN OF CUSTODY

SAMPLE RECEIPT DOCUMENTATION

Cooler/Sample Temp (Deg C): LEX 4.1 EVV _____ PAD _____ LOU _____ HAZ _____

COC & proper paperwork provided & complete / COC, samples, & bottles are in agreement:

Appropriate bottles provided intact with sufficient volume / Samples are within hold time / Samples properly preserved :

Chain of Custody seal intact? No Samples on Ice? ✓ Number of bottles 10 ? Thermometer ID 634

YES / NO
YES / NO

Notes, Correspondence, Subcontracting, & Non-Conformance Documentation (All Non-Conformances must be documented & client notified) :