



EPA Method 1615: Measurement of Enterovirus and Norovirus Occurrence in Water by Culture and RT-qPCR
SAMPLE DATA SHEET

(Please fill out completely and return to BioVir with the sample.)
Phone: 1-800-GIARDIA Fax: 707-747-1751 www.biovir.com

9/1-1
WIC002
7.0°C

Note: Please use waterproof ink

NAME AND ADDRESS OF WATER COMPANY OR UTILITY: Blair Ramon City of Wichita Falls		SAMPLE DATE: 6/25/13	
NAME OF SAMPLER: Blair Ramon		SAMPLE TIME: 2:45 - 3:15 pm	
SAMPLE SOURCE: wastewater effluent		pH: pH (adjusted): pH meter model and serial no.:	Water Temp (C): Temp. meter model and serial no.:
SAMPLE LOCATION: Wastewater Effluent		TREATMENT CHARACTERISTICS (Check One): Raw Surface Water ☐ Raw Wastewater ☐ Treated Surface or Groundwater ☐ Treated Wastewater ☒ Untreated Ground water ☐ Other: ☐	
SAMPLE VOLUME: (Meter # 97301472) TURBIDITY (NTU): Meter Start: 941.7 Meter Stop: 959.2 Turbidity (NTU):		DECHLORINATION / DISINFECTANT NEUTRALIZATION: (If Treated Water): Yes ☒ No ☐ Free Chlorine (mg / L): Metering pump model and serial no.: Chlorine meter model and serial no.:	
		Total Volume: 12.5 Gallons _____ Liters	

Client ID #:	P.O. #:
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ASSAY REQUESTED: Please check one of the following	
☒	Method 1615 Complete: Culturable Virus and RT-qPCR (EPA 600/R-10/181)
☐	Method 1615 Culturable Virus Only.

COMMENTS:

* again the flow counter did not work correctly.

BRamon

i button rec'd/read-time

RELINQUISHED BY: Blair Ramon	DATE / TIME: 6/25/13
RECEIVED BY: [Signature]	DATE / TIME: 6/26/13 09:35

SHIPPING ADDRESS: BIOVIR LABORATORIES, INC., 685 STONE ROAD, UNIT 6, BENICIA, CALIFORNIA 94510



BioVir Laboratories, Inc



685 Stone Road, Unit 6 • Benicia, CA 94510 • (707) 747-5906 • 1-800-GIARDIA • FAX (707) 747-1751 • WEB: www.biovir.com

REPORT NO.: 130911
PAGE NO.: 1 of 1
CLIENT: WICHITA FALLS
ADDRESS: PO Box 1431
WICHITA FALLS, TX 76307
CLIENT NO: WIC002 CLIENT PO:

ASSAY RESULTS:

Test: EPA 1615 Culture

Method: EPA 1615

BioVir #	Sample ID	Site	Analyte	Result	Units
130911-001	NanoCeram 1615 Filter	Wastewater Effluent	Total Culturable Virus	< 0.08	MPN/L
Collector: Blair Ramon CollectDate 6/25/2013 CollectTime: 2:45:00 PM					
ReceiveDate 6/26/2013 9:35:00 AM Matrix: Waste Water, treated Temp 7.0					
Volume: 47.3 L Analysis Start Date: 6/26/13 Analysis Start Time: 1517					
Analyst: ValentinaL Analysis End: 7/29/2013					

Comment

SAMPLE EVALUATION PERFORMANCE CRITERIA: The precise rates of recovery of organisms from environmental samples cannot be determined. BioVir Laboratories has analyzed your sample(s) in accordance with the method described with each analyte above, however, due to inherent limitations of these methods organisms may avoid detection. For additional information regarding the limitations of the method(s) referred to above please call us at 1-800-GIARDIA.

COMPANY IS NOT AN INSURER: BioVir Laboratories is not an insurer or guarantor of the quality and/or purity of water, wastewater, biosolid or other material from which the sample was taken. BioVir offers no express or implied warranties whatsoever concerning the quality or purity of any water, wastewater, biosolid or other material which is ultimately consumed, distributed, applied or disposed.

MAINTENANCE OF RECORDS: BioVir Laboratories, Inc. shall maintain records pertaining to the historical reconstruction of client's data for a minimum of five years from the date of issuance of the final report. Records may be destroyed after that date unless a written client's request for records transfer is received by BioVir which requests otherwise. Records transfer or storage charges may apply after the 5 year period. THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF BIOVIR LABORATORIES, INC.

8/8/2013

Date:

Signature

Quality
Checked

DCelio



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REPORT NO.: 130911
PAGE NO.: 1 of 2
CLIENT: WICHITA FALLS
ADDRESS
PO Box 1431
WICHITA FALLS, TX 76307
CLIENT NO WIC002 **CLIENT PO:**

ASSAY RESULTS:

Test: EPA 1615 PCR

Method:

BioVir #	Sample ID	Site	Analyte	Result	Units
130911-001	NanoCeram 1615 Filter	Wastewater Effluent	Enterovirus	Absent	
Collector: Blair Ramon CollectDate 6/25/2013 CollectTime: 2:45:00 PM					
ReceiveDate 6/26/2013 9:35:00 AM Matrix: Waste Water, treated Temp 7.0					
Volume: 47.3 L Analysis Start Date: 6/27/13 Analysis Start Time: 1220					
Analyst: RNewton Analysis End: 7/3/2013					
Comment					
130911-001	NanoCeram 1615 Filter	Wastewater Effluent	Norovirus GI	Absent	
Collector: Blair Ramon CollectDate 6/25/2013 CollectTime: 2:45:00 PM					
ReceiveDate 6/26/2013 9:35:00 AM Matrix: Waste Water, treated Temp 7.0					
Volume: 47.3 L Analysis Start Date: 6/27/13 Analysis Start Time: 1220					
Analyst: RNewton Analysis End: 7/3/2013					
Comment					
130911-001	NanoCeram 1615 Filter	Wastewater Effluent	Norovirus GII	Absent	
Collector: Blair Ramon CollectDate 6/25/2013 CollectTime: 2:45:00 PM					
ReceiveDate 6/26/2013 9:35:00 AM Matrix: Waste Water, treated Temp 7.0					
Volume: 47.3 L Analysis Start Date: 6/27/13 Analysis Start Time: 1220					
Analyst: RNewton Analysis End: 7/3/2013					
Comment					

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PAGE NO.: 2 of 2
CLIENT: WICHITA FALLS
ADDRESS
PO Box 1431
WICHITA FALLS, TX 76307
CLIENT NO WIC002 **CLIENT PO:**

ASSAY RESULTS:

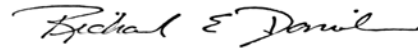
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8/8/2013

Date:



Signature

Quality
Checked

DCelio