

Sample No.: _____
(Lab use only)

**APPENDIX A—OHIO WATER MICROBIOLOGY LABORATORY
MST SERVICE REQUEST FORM**

Ship samples to Attn: OWML, 6480 Doubletree Ave., Columbus, OH 43229; 614/430-7772

Station Name _____

Site Number _____

Date ___/___/___ **Time** _____ **Medium Code** ___ **Sample Type** ___
M M D D Y Y Y Y

User Code (WSC where data should be sent): _____ **NAWQA study unit:** _____
(Examples: OH, KY, CA2, FL4) (If applicable)

Project Number: _____ - _____ **Contact:** _____

Field Notes: _____ **Phone:** () _____

Sample analyses and volumes (check off all that apply):

E. coli coliphage _____ single-agar layer, quantitative, Method 1602 (100 mL)
(Both F_{amp} and CN-13 hosts)

E. coli by modified mTEC - _____ Volumes to plate _____, _____, _____, _____, _____ mL

E. coli and total coliforms - _____ Colilert Quantitray 2000

Enterococci by mEI - _____ Volumes to plate _____, _____, _____, _____, _____ mL

Filtration, extraction, and analysis by qPCR or RT-qPCR

Bacterial host markers:

General: _____ AllBac
Human: _____ Btheta _____ qHF183
Bovine: _____ BoBac
Canine: _____ BacCan

Viruses:

_____ Enterovirus
_____ Norovirus GI
_____ Norovirus GII
_____ Adenovirus

E. coli: _____ **Enterococci:** _____

Other: _____

IMS/ATP method for: ***E. coli:*** _____ **Enterococci:** _____

Other analysis -- _____

Shipped by _____ **Date shipped** _____

Received by _____ **Date received** _____

Sample No.: _____

RESULTS

<i>Coliphage Analyses</i>		<i>Method</i>	<i>Parameter Code</i>	<i>Result</i>	<i>Units</i>	<i>Rem</i>	<i>VQ</i>	<i>NVQ</i>
Method 1602	<i>E. coli</i> Famp	quantitative	90904		PFUs/100 mL			
	<i>E. coli</i> CN-13	quantitative	90903		PFUs/100 mL			

<i>Bacterial Analyses</i>		<i>Matrix</i>	<i>Parameter Code</i>	<i>Result</i>	<i>Units</i>	<i>Rem</i>	<i>VQ</i>	<i>NVQ</i>
<i>Escherichia coli</i> (modified mTEC)		Water	90902		col/100mL			
<i>Escherichia coli</i> (Colilert Quantitray 2000)		Water	50468		MPN/100mL			
Total coliforms (Colilert Quantitray 2000)		Water	50569		MPN/100mL			
Enterococci (mEI)		Water	90909		col/100mL			

<i>Molecular Analyses</i>		<i>Format</i>	<i>RunID</i>	<i>Result</i>	<i>Units</i>	<i>Annotation</i>
Sample results	AllBac	qPCR			Copy/100 mL	
	qHF183	qPCR			Copy/100 mL	
	Btheta	qPCR			Copy/100 mL	
	BoBac	qPCR			Copy/100 mL	
	BacCan	qPCR			Copy/100 mL	
	Enterovirus	qPCR			Copy/100 mL	
	Norovirus GI	qPCR			Copy/100 mL	
	Norovirus GII	qPCR			Copy/100 mL	
	Adenovirus	qPCR			Copy/100 mL	
	<i>E. coli</i>	qPCR			Copy/100 mL	
	Enterococci	qPCR			Copy/100 mL	

Related QC	_____					

<i>Bacterial Analyses by IMS/ATP</i>		<i>Matrix</i>	<i>RLU / 25 mL</i>	<i>Result</i>	<i>Units</i>	<i>Comment</i>
<i>Escherichia coli</i>		Water			RLU/100mL	
Enterococci		Water			RLU/100mL	

Read results: _____

Entered results into LIMS: _____