

Legionella Environmental Sample Culture Worksheet

Document #xx-xxx

ABC

Laboratorian Initials

Investigation: PHLX-2020-1
Date Sample Collected: 11/12/20
Date Sample Processed: 11/13/20

Microbial Growth Key

NG:	No growth	MG:	Moderate growth
LG:	Light growth	HG:	Heavy growth

Sample # ZYX-01	First Observation	Date: 11/16/20	Last Observation	Date: 11/20/20	***Reprocess Sample?	
Sample Type: Potable (hot, 1 liter)	Growth	Colony pick #s	Growth	Colony pick #s	no	
	BCYE	HG	N/A	HG		overgrown
Sample Processing: Direct _____ Acid _____ Concentrate <u>X</u>	*BCYE-S	MG	1,2	BCYE-S	HG	N/A
	*BCYE-S	MG	N/A	BCYE-S	HG	N/A
	**BCYE-SG	LG	3	BCYE-SG	MG	6,7
	**BCYE-SG	LG	4, 5	BCYE-SG	MG	8
	BCYE-SG	LG	4, 5	BCYE-SG	MG	8
Sample #	First Observation	Date:	Last Observation	Date:	Reprocess Sample?	
Sample Type:	Growth	Colony pick #s	Growth	Colony pick #s		
Sample Processing: Direct _____ Acid _____ Concentrate _____	BCYE		BCYE			
	BCYE-S		BCYE-S			
	BCYE-S		BCYE-S			
	BCYE-SG		BCYE-SG			
	BCYE-SG		BCYE-SG			
Sample #	First Observation	Date:	Last Plate Read	Date:	Reprocess Sample?	
Sample Type:	Growth	Colony pick #s	Growth	Colony pick #s		
Sample Processing: Direct _____ Acid _____ Concentrate _____	BCYE		BCYE			
	BCYE-S		BCYE-S			
	BCYE-S		BCYE-S			
	BCYE-SG		BCYE-SG			
	BCYE-SG		BCYE-SG			
Sample #	First Observation	Date:	Last Observation	Date:	Reprocess Sample?	
Sample Type:	Growth	Colony pick #s	Growth	Colony pick #s		
Sample Processing: Direct _____ Acid _____ Concentrate _____	BCYE		BCYE			
	BCYE-S		BCYE-S			
	BCYE-S		BCYE-S			
	BCYE-SG		BCYE-SG			
	BCYE-SG		BCYE-SG			

*BCYE-S: BCYE + selection

**BCYE-SG: BCYE-S + glycine

*This text is for example purposes only.

***If plates are highly contaminated and samples require reprocessing, record information here

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Worksheet Instructions:

1. Record investigation, date, sample, and laboratorian information.
2. Refer to the Microbial Growth Key to record the first reading of culture plates.
 - a. First plate reads are typically performed 3-4 days post-inoculation.
3. Record a number for each suspect *Legionella* colony picked for testing.
4. Record if any samples require reprocessing due to overgrown cultures.
5. Record final plate growth and colony picks.
 - a. Final plate reads are typically performed 7 days post-inoculation.