



Report Date: 9/23/2019
Microbiological Analyses



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Company Information

Metro Hospital
 1234 Hospital Drive
 Anytown, USA

Job Site:

New Patient Tower
 1234 Hospital Drive
 Anytown, USA

Batch Number: 190916043

Sampled By: G. Young
 P.O. Number:
 Report Status: Original

Client Sample ID: 1

Lab Sample ID: 222178

Collection Date: 9/16/2019 **Receive Date:** 9/16/2019

Location: 6th Floor - 6 East Oncology - Room 621 - Shower

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	410	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 2

Lab Sample ID: 222179

Collection Date: 9/16/2019 **Receive Date:** 9/16/2019

Location: 6th Floor - 6 North - Room 658 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	3,080	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal



Client Sample ID: 3**Lab Sample ID:** 222180**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 5th Floor - 5 West - Room 509 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	50	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	0.5	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 4**Lab Sample ID:** 222181**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 5th Floor - 5 East - Room 548 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	1,090	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	10	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 5**Lab Sample ID:** 222182**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 4th Floor - 4 South - Room 432 - Shower

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	310	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	0.1	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 6**Lab Sample ID:** 222183**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 4th Floor - 4 North - Room 422 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	6,190	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 7**Lab Sample ID:** 222184**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 3rd Floor - ICU - Room 12 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	400	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	10	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 8**Lab Sample ID:** 222185**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 3rd Floor - Labor & Delivery - Room 303 - Shower

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	1,000	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 9**Lab Sample ID:** 222186**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 2nd Floor - PACU - Bed 21 - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	220	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	20	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 10**Lab Sample ID:** 222187**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 2nd Floor - Surgery - OR #5 - Scrub Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	700	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	0.3	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 11**Lab Sample ID:** 222188**Collection Date:** 9/16/2019**Receive Date:** 9/16/2019**Location:** 1st Floor - Main Lobby - Public Restroom - Sink

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	400	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 12
Location: Domestic Hot Water Tank #1

Lab Sample ID: 222189

Collection Date: 9/16/2019 **Receive Date:** 9/16/2019

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	800	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 13
Location: Incoming Domestic Water

Lab Sample ID: 222190

Collection Date: 9/16/2019 **Receive Date:** 9/16/2019

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Aerobic Bacteria	B010 - Aerobic Bacteria Water	SMA	20	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG1	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L011 - Legionella Potable Water	BCYE & GVPC	None Detected	CFU/mL	0.1 CFU/mL	9/23/2019	Normal

Client Sample ID: 14
Location: South Cooling Tower

Lab Sample ID: 222191

Collection Date: 9/16/2019 **Receive Date:** 9/16/2019

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Legionella pneumophila SG1	L001 - Legionella Non-Potable Water	GVPC	300	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L001 - Legionella Non-Potable Water	GVPC	None Detected	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L001 - Legionella Non-Potable Water	GVPC	None Detected	CFU/mL	10 CFU/mL	9/23/2019	Normal
Acid Producing Bacteria	M001 - Acid Producing Bacteria BART	APB BART	450	CFU/mL	75 CFU/mL	9/23/2019	Normal
Slime Forming Bacteria	M004 - Slime Forming Bacteria	SLYM BART	16,500	CFU/mL	500 CFU/mL	9/23/2019	Normal
Sulfate Reducing Bacteria	M005 - Sulfate Reducing Bacteria	SRB BART	None Detected	CFU/mL	75 CFU/mL	9/23/2019	Normal

Client Sample ID: 15
Location: North Cooling Tower

Lab Sample ID: 222192

Collection Date: 9/16/2019 Receive Date: 9/16/2019

Analyte	Test Code	Media Type	Sample Result	Units	Detection Limit	Analysis Date	Priority
Legionella pneumophila SG1	L001 - Legionella Non-Potable Water	GVPC	None Detected	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella pneumophila SG2-14	L001 - Legionella Non-Potable Water	GVPC	None Detected	CFU/mL	10 CFU/mL	9/23/2019	Normal
Legionella non-pneumophila	L001 - Legionella Non-Potable Water	GVPC	None Detected	CFU/mL	10 CFU/mL	9/23/2019	Normal
Acid Producing Bacteria	M001 - Acid Producing Bacteria BART	APB BART	None Detected	CFU/mL	75 CFU/mL	9/23/2019	Normal
Slime Forming Bacteria	M004 - Slime Forming Bacteria	SLYM BART	10,000	CFU/mL	500 CFU/mL	9/23/2019	Normal
Sulfate Reducing Bacteria	M005 - Sulfate Reducing Bacteria	SRB BART	None Detected	CFU/mL	75 CFU/mL	9/23/2019	Normal

Environmental Safety Technologies, Inc



Richard D. Miller, Ph.D.
Vice President and Director of Laboratory Services

Report Notes Applicable to All Analyses

- All samples were received in accordance with recommended transit times as detailed in Environmental Safety Technologies Sample Guidelines located online at www.estechlab.com. Samples received outside of the suggested sample transit times processed with the approval of the customer, with the understanding that transit delay may affect the viability of the sample results.
- Data are not corrected based on results for blank samples. Results relate only to items tested.
- Raw counts (available upon request) are used to calculate test results using all significant figures. Results found at or above the analytical sensitivity are reported to three significant figures; amounts below the analytical sensitivity are listed as None Detected.
- Analytical Sensitivity is defined as the lowest concentration that can be detected by a test method based on the amount or portion of sample analyzed and is reported without rounding. For qualitative samples, results found at or above this level are reported as "Present"; amounts below this limit are reported as "Absent". Scheduled analyses are performed during routine business hours. Otherwise, analyses are completed on the next business day.

Abbreviations

- Media Types : ACN = Acinetobacter CHROMagar™, BART = Biological Activity Reaction Test, BCSA = *Burkholderia cepacia* Selective Agar, BCYE = Buffered Charcoal Yeast Extract Agar, Cetrimide = *Pseudomonas aeruginosa* Selective Agar, GVPC = BCYE Selective Agar with antibiotics (Glycine, Vancomycin, Polymyxin, and Cycloheximide), Leeds = Leeds Acinetobacter Medium, ME* = Malt Extract with 0.01% Chloramphenicol, R2A = Reasoner's 2A Agar, SMA = Standard Methods Agar (a.k.a. Plate Count Agar), SSA = Stenotrophomonas Selective Agar, TSA = Tryptic Soy Agar, TSA* = Tryptic Soy Agar with 0.005% Cycloheximide, TSLT = Tryptic Soy Agar Contact Plate with Lecithin and Tween 80, 7H11S = Middlebrook 7H11 Selective Agar.
- Units: C= Celsius, CFU = Colony Forming Unit, F = Fahrenheit, g = gram, L = liter, m = meter, ml = milliliter, SG = serogroup, N/A = Not Applicable, N/R = Not Requested.
- Miscellaneous: AIHA-LAP, LLC = American Industrial Hygiene Association - Laboratory Accreditation Program, Limited Liability Company, EMLAP = Environmental Microbiology Laboratory Accreditation Program (ISO/IEC 17025:2017), ELITE = Environmental *Legionella* Isolation Techniques Evaluation Program, HPC = Heterotrophic Plate Count, N/A = Not Applicable, N/R = Not Requested.

Bacteria – Standard Heterotrophic Plate Counts for Water Samples

- Test Codes: B010 (Aerobic), B011 (Anaerobic)
- Total viable heterotrophic plate bacteria counts are obtained using the spread plate method.
- Samples are routinely processed on SMA under aerobic conditions at 35°C for 2-4 days or anaerobically at 35°C for 2-4 days using BD GasPak™ EZ Anaerobic Gas Generating Systems.

Bacteria – Plate Counts for Air, Swab, Bulk-Solid, and Contact Plates

- Test Codes: B002 (Air), B004 (Swab), B007 (Bulk-solid), B027 (Contact)
- Plate counts are routinely obtained utilizing SMA agar plates for air, swab, and bulk-solid samples as described above.
- Other agars may be utilized upon customer request (e.g. TSA plates incubated for 3-5 days at 35°C or R2A plates incubated for 5-7 days at 30°C).
- Bacteria plate counts are obtained for bulk-liquid and bulk-solid samples using the spread plate method.
- Surface contact plates (e.g. TSLT) are incubated directly at room temperature for 3-5 days unless otherwise requested and noted.
- Anaerobic plate counts are obtained using BD GasPak™ EZ Anaerobic Gas Generating Systems.

Legionella Culture Analysis

- Test Codes: Non-potable L001 (Bulk-Liquid/Water), L002 (Swab), L003 (Bulk-Solid), L099 (Air)
- Test Codes: Potable L011 (Bulk-Liquid/Water), L012 (Swab), L013 (Bulk-Solid)
- Total Viable *Legionella*: Viable *Legionella* counts (*Legionella pneumophila* SG1, *Legionella pneumophila* SG2-14, or *Legionella non-pneumophila* species) are obtained using an in-house modified method based on CDC and ISO 11731:2017(E) procedures for the recovery of *Legionella* from the environment. *Legionella non-pneumophila* species include *L. anisa*, *L. bozemanii* 1 & 2, *L. dumoffii*, *L. feeleyi*, *L. gormanii*, *L. jordanis*, *L. longbeachae* 1 & 2, and *L. micdadei*.

Microbial Corrosion Screen (Water, Solid/Sludge, or Swab)

- Test Codes and Organisms: Acid Producing Bacteria (M001, M011, M021), Denitrifying Bacteria (M002, M012, M022), Iron Related Bacteria (M003, M013, M023), Slime Forming Bacteria (M004, M014, M024), Sulfate Reducing Bacteria (M005, M015, M025), Fluorescent Pseudomonads (M006, M016, M026), Nitrifying Bacteria (M007, M017, M027) and Algae (M008, M018, M028).
- Daily monitoring of microbial reactions using organism specific BART™ testers (Drycon Bioconcepts Inc.) enables the semi-quantitative projection of population sizes and associated activities (aggressiveness). Observation durations range from two to nine days at room temperature as specified by each BART™ tester.

Environmental Pathogen Monitoring - Listeria and Salmonella Immunoassay Tests

- Test Code B041: *Listeria*. Swabs are enriched in *Listeria* NextDay™ Media for enhanced recovery and selection. Immunoassay test strips (RapidCheck® *Listeria*) are subsequently utilized for the detection of *Listeria* species. Test method AOAC Research Institute approved.
- Test Code B041: *Salmonella*. Swabs are enriched first in primary media with supplement and then secondary media (RapidCheck® SELECT™) for enhanced recovery and selection. Immunoassay test strips (RapidCheck® SELECT™ *Salmonella*) are subsequently utilized for the detection of *Salmonella*. Test methods AOAC Research Institute approved for monitoring environmental surfaces.

Pathogen Screen Culture Analysis – Potable Water Samples

- Test Code: PS01/GC10 (Water)
- Pathogen Screen Analyses on selective agar: *Acinetobacter* species, *Burkholderia cepacia*, *Pseudomonas aeruginosa*, *Stenotrophomonas maltophilia*, Rapidly growing non-tuberculosis mycobacteria, Fungal Count (mold and yeast) and Mold Identification (Genus level; common *Aspergillus* species).

Pseudomonas aeruginosa and other *Pseudomonas* species Culture Analysis

- Test Codes: B018 (Water), B019 (Swab); *Pseudomonas aeruginosa* isolation and identification on Cetrimide selective agar incubated for 2-4 days at 41°C.
- Test Codes: B062 (Water), B063 (Swab); *Pseudomonas* species screen on Cetrimide selective agar incubated for 5-7 days at 30°C.

Pseudomonas aeruginosa Screen; Presence/Absence

- Test Codes: B052 (Water), B053 (Swab)
- Presence/Absence using IDEXX™ test reagents for the detection *P. aeruginosa* (Pseudalert®)

Sewage Contamination Screens

- Tests are applicable for the detection of environmental fecal contamination, not for potable drinking water certification.

Total Coliform & *E. coli*; Presence/Absence

- Test Codes: B022 (Water), B023 (Swab)
- Presence/Absence using IDEXX™ test reagents for the detection of Total Coliforms and *E. coli* (Colisure®)

Sewage Screen – *E. coli* & Enterococci; Presence/Absence

- Test Codes: B012 (Water), B013 (Swab)
- Presence/Absence using IDEXX™ test reagents for the detection of *E. coli* (Colisure®)
- Presence/Absence using IDEXX™ test reagents for the detection of Enterococci (Enterolert®).

Sewage Screen – Enterococci; Presence/Absence

- Test Codes: B024 (Water), B025 (Swab)
- Presence/Absence using IDEXX™ test reagents for the detection of Enterococci (Enterolert®).



Environmental Safety Technologies



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Chain of Custody Record

E-mail: est@estechlab.com

Web Site: www.estechlab.com

Company Name: Metro Hospital	Job Site / Your Client: New Patient Tower	Page <u> 1 </u> of <u> 2 </u>
Company Address: 1234 Hospital Drive	Job Site Address: 1234 Hospital Drive	Sampled By: G. Young
Company City, State, Zip: Anytown, USA	Job Site City, State, Zip: Anytown, USA	Sample Date: 09-16-19
Phone:	Email:	Purchase Order Number:

EST Batch Number:	EST USE ONLY		Legionella Processing and Sample Type (check all that apply)										Other Bacteria Testing				Microbial Corrosion & Algae Tests						Other																		
			Standard	RUSH 96 Hour	New York ELAP	L. pneumophila Only	Non-potable Water / Cooling Tower	Potable Water	Water / Bulk-liquid	Swab	HPC - Aerobic Bacteria Count	Anaerobic Bacteria Count	Total Coliform/E.coli Screen	PATHOGEN Combo SCREEN	Acid Producing Bacteria	Denitrifying Bacteria	Iron Related Bacteria	Slime Forming Bacteria	Sulfate Reducing Bacteria	Fluorescent Pseudomonas	Nitrifying Bacteria	Algae																			
<p>FOR EACH SUBMITTED SAMPLE:</p> <p>Assign a unique sample number and write this number on the bottle/swab Record each Sample # on a row below and record a Sample Site description Check <input checked="" type="checkbox"/> all applicable boxes in each section to the right for each sample</p> <p>Fill out separate COC forms for job sites/samples requiring separate reports</p>			Sample #		Sample Site																																				
	1	6 th Floor – 6 East Oncology – Room 621- Shower																	X						X	X	X														
	2	6 th Floor – 6 North – Room 658- Sink																	X						X	X	X														
	3	5 th Floor – 5 West – Room 509- Sink																	X						X	X	X														
	4	5 th Floor – 5 East – Room 548- Sink																	X						X	X	X														
	5	4 th Floor – 4 South – Room 432 - Shower																	X						X	X	X														
	6	4 th Floor – 4 North – Room 422 - Sink																	X						X	X	X														
	7	3 rd Floor – ICU – Room 12- Sink																	X						X	X	X														
	8	3 rd Floor – Labor & Delivery – Room 303 - Shower																	X						X	X	X														
	9	2 nd Floor – PACU – Bed 21- Sink																	X						X	X	X														
	10	2 nd Floor – Surgery – OR #5 – Scrub Sink																	X						X	X	X														

Note: Overnight shipping for Legionella is recommended; 2nd day arrival at lab is acceptable per ISO11731:2017. E. coli samples must be shipped overnight on cold packs (not ice) to prevent false negative results.

Sampling Notes & Comments:	Samples Relinquished By:	Date/Time
	Received at EST By:	Date/Time



Chain of Custody Record

E-mail: est@estechlab.com

Web Site: www.estechlab.com

Company Name: Metro Hospital	Job Site / Your Client: New Patient Tower	Page <u> 2 </u> of <u> 2 </u>
Company Address: 1234 Hospital Drive	Job Site Address: 1234 Hospital Drive	Sampled By: G. Young
Company City, State, Zip: Anytown, USA	Job Site City, State, Zip: Anytown, USA	Sample Date: 09-16-19
Phone:	Email:	Purchase Order Number:

EST Batch Number:	EST USE ONLY	FOR EACH SUBMITTED SAMPLE: Assign a unique sample number and write this number on the bottle/swab Record each Sample # on a row below and record a Sample Site description Check <input checked="" type="checkbox"/> all applicable boxes in each section to the right for each sample Fill out separate COC forms for job sites/samples requiring separate reports	Legionella Processing and Sample Type (check all that apply)							Other Bacteria Testing				Microbial Corrosion & Algae Tests						Other	
			Standard	RUSH 96 Hour	New York ELAP	L. pneumophila Only	Non-potable Water / Cooling Tower	Potable Water	Water / Bulk-liquid	Swab	HPC – Aerobic Bacteria Count	Anaerobic Bacteria Count	Total Coliform/E.coli Screen	PATHOGEN Combo SCREEN	Acid Producing Bacteria	Dentitrifying Bacteria	Iron Related Bacteria	Slime Forming Bacteria	Sulfate Reducing Bacteria	Fluorescent Pseudomonas	Nitrifying Bacteria
Sample #	Sample Site																				
11	1 st Floor – Main Lobby – Public Restroom - Sink		X					X	X	X											
12	Domestic Hot Water Tank #1		X					X	X	X											
13	Incoming Domestic Water		X					X	X	X											
14	South Cooling Tower		X			X			X				X			X	X				
15	North Cooling Tower		X			X			X				X			X	X				

Note: Overnight shipping for Legionella is recommended; 2nd day arrival at lab is acceptable per ISO1731:2017. E. coli samples must be shipped overnight on cold packs (not ice) to prevent false negative results.

Sampling Notes & Comments:	Samples Relinquished By:	Date/Time
	Received at EST By:	Date/Time