1818 New York Ave. NE, Ste 231, Washington, DC 20002

Telephone: (301) 595-3783 www.salutinc.com

January 2, 2021

Prince George's County Public Schools Environmental Safety Office 13306 Old Marlboro Pike Upper Marlboro, MD 20772

Attention: Alex Baylor

alex.baylor@pgcps.org

Subject: Indoor Air Quality Survey

Judith Hoyer Montessori

929 Hill Road

Landover, MD 20785

Mr. Baylor:

On December 1, 2020, a Soil and Land Use Technology, Inc. (SaLUT) Industrial Hygienist conducted an indoor air quality (IAQ) evaluation at Judith Hoyer Montessori, a property maintained by Prince George's County Public Schools (PGCPS) located at 929 Hill Road, Landover, MD 20785. The inspection was performed in accordance with PGCPS contract number IFB 022-19.

#### Methodology

The IAQ evaluation conducted by SaLUT included a visual assessment, IAQ instrumentation screening, and a collection of interior air samples for mold in representative locations throughout the building. Additionally, one building exterior environmental air sample was taken for comparison.

Air-borne fungal spore samples were collected on *Air-O-Cell* cassettes using a Buck BioAire calibrated pump. The air samples were taken between three and five feet from the ground. In tandem with collecting mold samples, real-time readings for carbon dioxide, carbon monoxide, temperature and relative humidity were collected using a Fluke 975 Air Meter in representative areas within the facility.

The fungal spore air samples were delivered to EMSL Analytical, Inc. of Beltsville, Maryland for analysis. Fungal spores and particulates in air samples were analyzed by Optical Microscopy (methods EMSL 05-TP-003 and ASTM D7391). The sample chain-of-custody and laboratory reports are attached.



### **Observations**

The table below summarizes the main observations from the IAQ survey at Judith Hoyer Montessori, visited on December 1, 2020.

**Table 1-Observations** 

Location	Summary of Observations 12-1-2020
Hallway next to	2'x4' ceiling tiles;
Classroom 12	No visual signs of microbial growth, and no odor;
	No visible dust on floor/other furniture surfaces;
	No visible dust around ventilator;
	Central AC.
Hallway next to	2'x4' ceiling tiles;
Classroom 13	No visual signs of microbial growth, and no odor;
	No visible dust on floor/other furniture surfaces;
	No visible dust around ventilator;
	Central AC.
Hallway next to	2'x4' ceiling tiles;
Classroom 20	No visual signs of microbial growth;
	Mild odor;
	Stained ceiling tiles;
	No visible dust on floor/other furniture surfaces;
	No visible dust around ventilator;
	Central AC.
Cafeteria	2'x4' ceiling tiles;
	No visual signs of microbial growth, and no odor;
	No visible dust on floor/other furniture surfaces;
	No visible dust around ventilator;
	Central AC.
Hallway next to	2'x4' ceiling tiles;
Kindergarten #1	No visual signs of microbial growth, and no odor;
	No visible dust on floor/other furniture surfaces;
	No visible dust around ventilator;
	Central AC.
Outside Exterior EV	Windy
Sample	

### Measurements of Indoor Environmental Quality Parameters

Table 2 depicts a summary of average measurements of comfort.

### **Temperature**

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) have published recommendations for year round acceptable temperatures in Standard 55-2010 *Thermal Environmental Conditions for Human Occupancy*. The winter comfort range is 20 to 24°C (68 to 75°F) and 23 to 26°C (73 to 79°F) is the summer comfort range. The temperature readings were lower than the ASHRAE recommended ranges in the representative spaces.



### Relative Humidity (RH)

RH is a key factor for mold growth. Mold has the potential of growing on suitable surfaces with humidity levels above 60%. ASHRAE Standard 62.1-2010 *Ventilation for Acceptable Indoor Air Quality* recommends a maximum indoor RH of 65% to preclude the likelihood of condensation on cool surfaces encouraging mold growth. The RH readings were within the ASHRAE recommended ranges in the representative areas.

### Carbon Dioxide (CO<sub>2</sub>)

Under conditions of maximum occupancy, ASHRAE Standard 62.1-2010, Appendix C, infers that the acceptable CO<sub>2</sub> upper limit is the prevailing outdoor CO<sub>2</sub> concentration plus 700 parts per million (ppm). On the day of the space evaluation, the outdoor (building exterior) CO<sub>2</sub> concentration was approximately 445 ppm therefore indoor concentrations should not exceed approximately 1,145 ppm (700 + 445). The maximum average interior CO<sub>2</sub> concentration detected was 487 ppm in the Cafeteria, a range within the ASHRAE recommendations, per Table 2 below.

#### Carbon Monoxide (CO)

CO is a colorless and odorless gas that is produced by the incomplete combustion of carbon containing fuels. Oil, gasoline, diesel fuels, wood, coke, and coal are major sources of CO. All registered CO concentrations were below the EPA National Ambient Air Quality Standard (NAAQS) of 9 ppm, per Table 2 below.

Table 2: Judith Hoyer Montessori, Instrumental Screening Levels December 1, 2020 (7:30 AM-9:30 AM)

	Temp		CO	CO <sub>2</sub>
Sample Location	0 <b>F</b>	RH%	ppm	ppm
	ASHRAE	ASHRAE	NAAQS	ASHRAE
Standards	68 to 75°F*	<65%	9	1,145
Hallway next to Classroom 12	62.5	43.9	0	463
Hallway next to Classroom 13	62.6	43.8	0	458
Hallway next to Classroom 20	59.0	48.4	0	456
Cafeteria	68.9	37.0	0	487
Hallway next to Kindergarten #1	67.1	32.2	0	473
Outside Exterior EV Sample	57.2	30.1	0	445

PM - Particulate Matter size

°F – Degrees Fahrenheit

CO - Carbon Monoxide

ppm - parts per million

μg/m³ – micrograms per cubic meter

RH% - % Relative Humidity

CO<sub>2</sub> - Carbon Dioxide

\* - Winter Comfort Range



### **Mold-in-Air Samples**

There are no definitive regulations or standardized guidelines for addressing airborne mold in an indoor setting. If building systems (ventilation, envelope) are functioning properly, the indoor population profile should mimic what is encountered outdoors and the concentrations should be below the outdoor (building exterior) environmental sample levels.

Tables 3 summarizes airborne mold spore sampling results and locations. On December 1, 2020, total mold counts in representative samples (spore count/m³ of air) in all the areas inspected were lower than the outdoor concentrations. Laboratory analysis follows this report (see attachment).

Table 3: Judith Hoyer Montessori - Measurements of Mold-in-Air Samples December 1, 2020 (7:30 AM-9:30 AM)

Spore Types	Hallway next to Classroom 12	Hallway next to Classroom 13	Hallway next to Classroom 20	Cafeteria
Alternaria (Ulocladium)	-	-	-	-
Ascospores	-	-	-	-
Aspergillus/Penicillium	100	100	-	-
Basidiospores	100	40	40	80
Bipolaris++	-	-	-	-
Chaetomium	-	-	-	-
Cladosporium	10*	-	100	-
Curvularia	-	-	-	-
Ерісоссит	-	-	-	-
Fusarium	-	-	-	-
Ganoderma	-	-	-	-
Myxomycetes++	-	-	10*	10*
Pithomyces++	-	-	-	-
Rust	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-
Unidentifiable Spores	-	-	-	-
Zygomycetes	-	-	-	-
Nigrospora	-	-	-	-
Hyphal Fragment	-	-	40	-
Insect Fragment	-	-	-	-
Pollen		-	10*	
Total Fungi	210	150	150	90

<sup>\*</sup> Spore Counts per cubic meter of air (Counts/m<sup>3</sup>).

<sup>++</sup>Includes other spores with similar morphology.



Table 3: Judith Hoyer Montessori - Measurements of Mold-in-Air Samples continued December 1, 2020 (7:30 AM-9:30 AM)

Spore Types	Hallway next to Kindergarten #1	Outside Exterior EV Sample	Field Blank
Alternaria (Ulocladium)	-	10*	-
Ascospores	40	40	-
Aspergillus/Penicillium	-	-	-
Basidiospores	80	840	-
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	-	3,500	-
Curvularia	-	-	-
Epicoccum	10*	-	-
Fusarium	-	-	-
Ganoderma		-	-
Myxomycetes++	-	40	-
Pithomyces++	-	-	-
Rust	100	-	-
Scopulariopsis/Microascus	-	-	-
Stachybotrys/Memnoniella	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Nigrospora	-	-	-
Hyphal Fragment	-	40	-
Insect Fragment	40	-	-
Pollen	-	-	-
<b>Total Fungi</b>	230	4,470	No Trace

<sup>\*</sup>Spore Counts per cubic meter of air (Counts/m<sup>3</sup>).

<sup>++</sup>Includes other spores with similar morphology.



#### **Findings and Conclusions**

The comfort parameters (i.e., temperature, RH, CO<sub>2</sub>, and CO levels) in the representative areas conform to ASHRAE and/or NAAQS guidelines with the exception of the temperature. On December 1, 2020, total mold counts in representative area samples (spore count/m³ of air) in all the areas inspected were lower than the outdoor concentrations, indicating no amplified mold growth.

Thank you for the opportunity to provide industrial hygiene services for PGCPS. If you have any questions, please contact me at 301.595.3783.

Chaminda Jayatilake, PE, CIH, CSP, CHMM

Certified Industrial Hygienist

Soil and Land Use Technology Inc. (SaLUT)

#### Attachment

Attachment - Mold Spore Sample Analytical Results and Chain-of-Custody Forms

# **Attachment**

Mold Spore Sample Analytical Results and Chain-of-Custody Forms



### **EMSL Analytical, Inc.**

5221 Militia Hill Road Plymouth Meeting, PA 19462

Tel/Fax: (610) 828-3102 / (610) 828-3122

http://www.EMSL.com / plymouthmeetinglab@emsl.com

Attention: Indika Jayatilake

**SaLUT** 

1818 New York Avenue, NE

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Washington, DC 20002

Project: 19-035 - Judith Hoyer Montessori

EMSL Order: 182003839 Customer ID: SALU50

Customer PO: Project ID:

Phone: (301) 595-3783

Fax: (301) 595-3787

Collected Date: 12/01/2020

Received Date: 12/01/2020 02:39 PM

**Analyzed Date:** 12/03/2020

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L):	182003839-0001 S1 75			Client Sample ID: Volume (L):		S1			\$2			182003839-0003 S3 75		
Sample Location:	H/\	V Next To CR 2	0	H/V	Next To CR 1	3	H/W Next To CR 12							
Spore Types	Raw Count	Count/M³	% of Total	Raw Count	Count/M³	% of Total	Raw Count	Count/M³	% of Total					
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-					
Ascospores	-	-	-	-	-	-	-	-	-					
Aspergillus/Penicillium	-	-	-	3	100	66.7	3	100	47.6					
Basidiospores	1	40	26.7	1	40	26.7	3	100	47.6					
Bipolaris++	-	-	-	-	-	-	-	-	-					
Chaetomium	-	-	-	-	-	-	-	-	-					
Cladosporium	3	100	66.7	-	-	-	1*	10*	4.8					
Curvularia	-	-	-	-	-	-	-	-	-					
Epicoccum	-	-	-	-	-	-	-	-	-					
Fusarium	-	-	-	-	-	-	-	-	-					
Ganoderma	-	-	-	-	-	-	-	-	-					
Myxomycetes++	1*	10*	6.7	-	-	-	-	-	-					
Pithomyces++	-	-	-	-	-	-	-	-	-					
Rust	-	-	-	-	-	-	-	-	-					
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-					
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-					
Unidentifiable Spores	-	-	-	-	-	-	-	-	-					
Zygomycetes	-	-	-	-	-	-	-	-	-					
Polythrincium	-	-	-	1*	10*	6.7	-	-	-					
Torula-like	-	-	-	-	-	-	-	-	-					
Total Fungi	5	150	100	5	150	100	7	210	100					
Hyphal Fragment	1	40	-	-	-	-	-	-	-					
Insect Fragment	-	-	-	-	-	-	-	-	-					
Pollen	1*	10*	-	-	-	-	-	-	-					
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-					
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-					
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-					
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-					
Background (1-5)	-	1	-	-	1	-	-	1	-					

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Kevin Ream, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA AlHA-LAP, LLC-EMLAP Accredited #178659

Initial report from: 12/04/2020 10:23 AM



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Tel/Fax: (610) 828-3102 / (610) 828-3122

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Project: 19-035 - Judith Hoyer Montessori

EMSL Order: 182003839 Customer ID: SALU50

Customer PO: Project ID:

**Phone**: (301) 595-3783

Fax: (301) 595-3787

Collected Date: 12/01/2020

Received Date: 12/01/2020 02:39 PM

**Analyzed Date:** 12/03/2020

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L):	182003839-0004 S4 75			nt Sample ID: S4 S5			182003839-0006 S6 75		
Sample Location:		Cafeteria		H/W Nex	ct To Kindergar	ten #1		Outside	
Spore Types	Raw Count	Count/M³	% of Total	Raw Count	Count/M³	% of Total	Raw Count	Count/M³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	· -	1*	10*	0.2
Ascospores	-	-	-	1	40	17.4	1	40	0.9
Aspergillus/Penicillium	-	-	-	-	-	-	-	-	-
Basidiospores	2	80	88.9	2	80	34.8	20	840	18.8
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	83	3500	78.3
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	1*	10*	4.3	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1*	10*	11.1	-	-	-	1	40	0.9
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	3	100	43.5	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Polythrincium	-	-	-	-	-	-	-	-	-
Torula-like	-	-	-	-	-	-	1	40	0.9
Total Fungi	3	90	100	7	230	100	107	4470	100
Hyphal Fragment	-	-	-	-	-	-	1	40	-
Insect Fragment	-	-	-	1	40	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Kevin Ream, Laboratory Manager or other Approved Signatory

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Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Test Report:Air-d  Lab Sample Number: Client Sample ID: Volume (L): Sample Location:		82003839-0007 S7 F/B						·	
Spore Types	Raw Count	Count/M³	% of Total	_			_		_
Alternaria (Ulocladium)	-	-	-	_	-	<u> </u>	_	_	_
Ascospores	-	-	-	_			_		_
Aspergillus/Penicillium	-	-	_	_			_		-
Basidiospores	-	-	-	-			-		-
Bipolaris++	-	-	-	-			-		-
Chaetomium	-	-	-	-			-		-
Cladosporium	-	-	-	-					-
Curvularia	-	-	-	-			-		-
Epicoccum	-	-	-	-			-		-
Fusarium	-	-	-	-			-		-
Ganoderma	-	-	-	-			-		-
Myxomycetes++	-	-	-	-			-		-
Pithomyces++	-	-	-	-			-		-
Rust	-	-	-	-			-		-
Scopulariopsis/Microascus	-	-	-	-			-		-
Stachybotrys/Memnoniella	-	-	-	-			-		-
Unidentifiable Spores	-	-	-	-			-		-
Zygomycetes	-	-	-	-			-		-
Polythrincium	-	-	-	-			-		-
Torula-like	-	-	-	-			-		-
Total Fungi	-	No Trace	-	-			-		-
Hyphal Fragment	-	-	-	-			-		-
Insect Fragment	-	-	-	-			-		-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	0	-	-			-		
Analyt. Sensitivity 300x	-	0*	-	-			-		-
Skin Fragments (1-4)	-	-	-	-			-		
Fibrous Particulate (1-4)	-	-	-	-			-		-
Background (1-5)	1	-	-	-	-	-	-		

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Initial report from: 12/04/2020 10:23 AM

# 182003839



### Microbiology Chain of Custody EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077 PHONE: (800) 220-3675 FAY:(856) 786-0262

	-410-4500					F	Fax:(856) 786-	-0262	
Company Name:				Different in Comments					
Street: 1818 New		Suite 231		Third Party B	illing requir	es written au	uthorization from (	third party	
City: Washington		State/Province: DC		Zip/Postal Code: Country					
Report To (Name): Indika Jayatilake				Telephone #:					
		Saluteine Con	<b>^</b>	Fax #:			Purchase Or	rder:	
				Please Provide R	esults:	□ Fax 「	Email		
U.S. State Sample			<del></del>		<del></del>		Commercial	Residential	
				ed: Biocide Use					
Public Water Supply Samples: Note: All results may automatically be reported to DOH if required by state.									
Turnaround Time (TAT) Options - Please Check									
3 Hour	6 Hour	24 Hour	48 Hour	72 Hour	☐ 9	6 Hour	1 Week	2 Week	
				y Test Codes					
M001 Air-O-Cell	M174 M	oldSnap		nones aeruginose (P// nones aeruginose (MF			rage Screen - Wa rage Screen - Wa		
M030 Micro 5	M032 A	lergenco-D		ngeas serugarosa (mir ophic Plate Count	1")		rage Screen - Sw		
M041 Fungal Direct E				Morm & E. colf (Coliler Morm & E. colf (MFT*)			rage Screen - Swi hicillin-resistant S		
M169 Pollen ID & En M280 Dust Character				Morm & E. coli Enume		(MRSA)	INCHWIPTOSISION S	napri. aureus	
M281 Dust Character			(Collect MPN*				id-growing non-T	B Mycobacteria	
M005 Viable Fungi- / M006 Viable Fungi- /	uir Samples (Genu	us ID & Count)	M019 Fecal Co M020 Fecal St	replacocus (MFT*)			& Enumeration otoxin Analysis	*	
Aspergillus, Cladosox			M029 Enteroco	occi (MFT")			up Allergen (Cat,	Dog, Cockroach,	
Count)	: 0			oci (Enterolert P/A***) ne qPCR-ERMI 36 Par		Dust Mite) Other Sea	e Analytical Price	Guide	
M007 Culturable fung Count)	ı - Sumace Sampı	les (Genus II) &	M025 Sewage ScreenWater (MFT*) Legionella Analysis Please use EMSL						
						Legionella	COC		
M008 Culturable fungi - Surface Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys									
Species ID & Count) NI009 Bacteria Culture Gram Stain & Count				<b>Fib T</b> all 1					
Species ID & Count) M009 Bacteria Cultur	e Gram Stain & C	ount		ane Filtration Techniqu Probable Number	ie				
Species ID & Count)	e Gram Stain & C & ID - 3 Most Pro	ount ominent		Prob <b>abla Number</b>					
Species ID & Count) M009 Bacteria Cultur M016 Bacteria Count M011 Bacteria Count	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro	count imment imment	"MPN= Most	Probable Number noe/Absence		ly_	<u> </u>	_	
Species ID & Count) M009 Bacteria Cultur M010 Bacteria Count	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro	ount ominent	**MPN= Most I ***P/A= Preser	Prob <b>abla Number</b>	pler:		Date(Time		
Species ID & Count) M009 Bacteria Cultur M016 Bacteria Count M011 Bacteria Count	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro Anton	count imment imment	"MPN= Most	Probable Number nos/Absence  Signature of Sam  Potable/ NonPotable		Volume/ Area	Date/Time Collected		
Species ID & Count) M009 Bacteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro Anton	ount minent minent Adi kari	**************************************	Probable Number nos/Absence Signature of Sam Potable/	pler:	Volume/			
Species ID & Count) M009 Bacteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro Anton	ount minent minent Adi kari	**************************************	Probable Number nos/Absence  Signature of Sam  Potable  NonPotable  (Only for Waters)	rest Code	Volume/ Area	Collected		
Species ID & Count) M009 Bacteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro Anton Sample Loc	ount minent minent Adi kari	**************************************	Probable Number nos/Absence  Signature of Sam  Potable/ NonPotable	pler:	Volume/ Area			
Species ID & Count) M009 Becteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro Anton Sample Loc	Adi kari ation/Description  CR # 20	**MPN= Most I ***P/A= Preser Sample Type	Probable Number nos/Absence  Signature of Sam  Potable  NonPotable  (Only for Waters)	rest Code	Volume/ Area	2020/12/j		
Species ID & Count) M009 Bacteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #	Anton Sample Loc  Him sext to Him next to	Adi kari ation/Description	****P/A= Preser  Sample Type	Probable Number nos/Absence  Signature of Sam  Potable/ NonPotable (Only for Waters)	pler: Test Code	Volume/ Area 75 ml 19 79	2.020/12/j 2*		
Species ID & Count) M009 Becteria Cultur M010 Bacteria Count M011 Bacteria Count Marne of Sampler: Sample #	Anton Sample Loc  Him sext to Him next to	ation/Description  CR 19 20  to CR 13  n+ of CR 12	**MPN= Most F ***P/A= Preser  Sample Type  Arr  71  71  71	Probable Number nos/Absence  Signature of Sam Potable NonPotable (Only for Waters)  P NP P NP	Test Code  Mend- 9.7 27	75 ml 17 17 17 17 17 17 17 17 17 17 17 17 17	2020/12/j		
Species ID & Count) M009 Becteria Cultur M010 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #	Anton Sample Loc  Him next to Him next to Him next to	Adi kari ation/Description  CR \$20  to CR \$3  n+ of CR 12	**MPN= Most I***P/A= Preser  Sample Type  Attr  77  79	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP P NP P NP	Test Code  Must- 9 7	Volume/ Area 75 ml 19 79	2.020/12/j 2*		
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Species ID & Count) M009 Becteria Cultur M010 Bacteria Count M011 Bacteria Count Marne of Sampler: Sample #  S1 52 S3 S4 55	e Gram Stain & C & ID - 3 Most Pro & ID - 5 Most Pro & ID - 5 Most Pro Anton Sample Loc Him next to Him next to Him next to Cafetoria Him next to	Adi kari ation/Description  CR \$20  to CR \$3  n+ of CR 12	**MPN= Most I***P/A= Preser  Sample Type  Print  77  79  79  77	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP P NP P NP P NP P NP	Test Code  Mend- 9.7 27	75 ml 17 17 17 17 17 17 17 17 17 17 17 17 17	2,029/12/j 2* 2* 27		
Species ID & Count) M009 Becteria Cultur M019 Bacteria Count M011 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #  S1 S2 S3 S4 S5 Citent Sample # (a	Anton Sample Loc  Him next to Sample Loc	ation/Description  CR \$20  to CR \$3  n+ of CR 12  Kinders atten #1	**MPN= Most I***P/A= Preser  Sample Type  Arr  71  71  71  77  77  77  Total # of S	Signature of Sam Potable/ NonPotable (Only for Waters)  P	Test Code  Mend- 9.7 27	75 ml 75 ml 77 79 79 71	2020/12/j 2* 27 77		
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Species ID & Count) M009 Becteria Cultur M019 Bacteria Count M011 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #  S1 S2 S3 S4 S5 Citent Sample # (a	Anton Sample Loc  Him next to Sample Loc	ation/Description  CR \$20  to CR \$3  n+ of CR 12  Kinders atten #1	**MPN= Most I***P/A= Preser  Sample Type  Arr  71  71  71  77  77  77  Total # of S	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP D NP D	Test Code  Mend- 9 7 97	75 m/ 99 99 99 99 77	2020/12/j 2° 77 77 79 20 20 20 20 20 20 20 20 20 20 20 20 20		
Species ID & Count) M009 Becteria Cultur M019 Bacteria Count M011 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #  S1 S2 S3 S4 S5 Citent Sample # (a	Anton Sample Loc  Him next to Sample Loc	ation/Description  CR \$20  to CR \$3  n+ of CR 12  Kinders atten #1	**MPN= Most I***P/A= Preser  Sample Type  Arr  71  71  71  77  77  77  Total # of S	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP D NP D	Test Code  Mend- 9 7 97	75 m/ 99 99 99 99 77	2020/12/j 2° 77 77 79 20 20 20 20 20 20 20 20 20 20 20 20 20		
Species ID & Count) M009 Becteria Cultur M019 Bacteria Count M011 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #  S1 S2 S3 S4 S5 Citent Sample # (a	Anton Sample Loc  Him next to Sample Loc	ation/Description  CR \$20  to CR \$3  n+ of CR 12  Kinders atten #1	**MPN= Most I ***P/A= Preser  Sample Type  Aur *** 77 77 77 Total # of 8	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP P NP P NP P NP P NP P NP D NP D N	Test Code  Mend- 9 7 97	75 m/ 99 99 99 99 77	Collected  2.020/02/j  2.020/0		
Species ID & Count) M009 Becteria Cultur M010 Bacteria Count M011 Bacteria Count M011 Bacteria Count Name of Sampler: Sample #  \$1  \$2  \$3  \$4  \$55  Citent Sample # (a  Received (Lab): Comments/Specia	Anton Sample Loc  Him next to Sill instructions:	count priment	***MPN= Most I* ****P/A= Preser  Sample Type  Attr  77 77 77 77 Total # of S	Probable Number nos/Absence  Signature of Sam Potable/ NonPotable (Only for Waters)  P NP P NP P NP P NP P NP P NP D NP D N	Test Code Must- 9.7 97 97	Volume/ Area  15 ml 19 19 19 79 71 Time:	Collected  2020/24/ 72 72 72 PRIST ANALYTI BELTSVILL		

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OrderID: 182003839



## 18 2 0 0 3 8 3 9 Microbiology Chain of Custody

# EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077 PHONE: (800) 220-3675 FAX:(856) 786-0262

iample #	Sample Location/Description	Sample Type	Potable/ NonPotable (Only for Waters)	Test Code	Volume/ Area	Date/Time Collected
SC	outside	Ar	☐ P □NP	Mool	75 ml	12/01/2020
ST	F/B	79	□P □NP	22	• • • • • • • • • • • • • • • • • • • •	99
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182003839

GEN-FM-10-1: Sample Transfer-One Time

Revision 4 2

Revision Date: 1/05/2016 Effective Date: 1/05/2016



# EMSL Analytical, Inc. Sample Transfer Form

Receiving Lab: EMSL-8	ELISHUE	Phone Addition	3019375700	
			9019375701	
Relliquished to	Appendix Ants	And the second s	8002203675	
		<b>Tex</b>	8567860262	
Does new lab hold equivalent o	r additional acceptation?	Number:	XYes No	
EMSL Customer ID # (If known):	SALU50			
Client Name:	SALUT INC			
Client Project:	19-035 - JUDITH HOY	ER MONTESSORI	ge period de regionale de la companya de la company	
Tests to be Performed:	M001			
Data Received:	12/1/20			
Date Rélinguished:	<u> </u>			
Date Due:	3 DAYS-12/4/20 @	1:39 PM		
Special Instructions: (e.g. Work Order # , required qualifications, project specific procedures/modifications)				
Relinquished by (Signature):	Date: Received	by (Signature):	1 -	Date:
	ير مادادا			123-20
Relificultimed by (Stepature):	Chief Parket	Br (Signature):		Date:
Customer Agreement- Please sig above named receiving lab to tra final report will be issued from the	insfer samples to a separate	EMSL lab with equ	uivalent qualificatio	ns* for analysis. The
Name (please print):	Signature:	Agent		Date:
If this is a recurring project or sar Agreement form must be comple	• •	samples to be relin	quished on a regula	ar basis, a Standing

\* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.

Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

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