U.S. M Phone: (724	licro-So) 853-40	lutior 47 F	ns, Inc [:] ax: (7: <u>wv</u>	c. * 302 24) 853 <u>vw.usi</u>	2 Unit -4049 mslab	y Plaz AlH .com	a * La A-LAP	atrobe 9, LLC	e, PA 1 EMLA	5650 P # 10	3009			Lab 1D + 10100	
Customer Name: Customer Address:	Adco P.O. I St. Cı	n Env Box 3 roix, \	vironn 262 /I 008	nental, 41	LLC.			Sam Date Date	ple Da Recei of Re	te: ved: port:		Janu Janu Janu	ary 10 ary 1 ary 14	0, 2019 1, 2019 4, 2019)))
Customer Phone: PO Number:	(340)	713-1	703					Fax: Atter	ntion:			Addi	son P	. Chris	stian
Project Name/Number:	DOE,	John	H. W	oodso	n Jr.	High	Schoo	ol, St.	Croix						
Customer sample numbers below	are unio	quely	identi	ified b	y pref	ixing	Labo	ratory	/#		1307	-19			
	D	irect N	licros	copic E	Exami	nation	-	Таре	Lift						
			Analyt	ical Me	thod:	USMS	S-T049)	_		1				
Customer Sample Number	_		10201	8				10201	2						
Sample Description/ Location		В-2	201, SI	helf			B-21	5, Lab	Hood	1		1		1	1
Particle ID	Rare Amt	Few	Mod	Many	Num	Amt	Few	Mod	Many	Num	Rare Amt	Few	Mod	Many	Num
Alternaria conidia															
Ascospores		Х				Х									
Aspergillus fruiting structures															
Aspergillus/Penicillium-like conidia	Х														
Basidiospores	Х					Х									
Bipolaris/Drechslera conidia															
Chaetomium ascospores	X														
Cladosporium conidia	V														
Hyphal Fragments	X					X									
Insect fragments	^					^									
Penicillium fruiting structures															
Pithomyces/Ulocladium conidia															
Plant fragments															
Pollen (unidentified)															
Rusts						Х									
Smuts/ Myxomycetes	Х														
Stachybotrys conidia															
Stachybotrys fruiting structures															
<i>Torula</i> conidia															
Unidentified dematiaceous conidia						Х									
Unidentified hyaline conidia															
Skin Cell Fragments			2					2							
			J"^^					2							
No fungal conidia/hyphal fragments noted			_												
Analyst Initials			HC			ļ		BM							
Date Analyzed	_		1/14/1	9		<u> </u>		1/11/1	9						
Lot # / Exp Date:Tape Lift		1020)18 07	/2020			1020)12 07	/2020		<u> </u>	_			

Results relate only to the samples tested. The Aspergillus/Penicillium-like category cannot be differentiated by non-viable sampling methods. Mod = Moderate; Num = Numerous

*** A debris rating of 3 or greater indicates that the accuracy of the analysis is likely affected.

Herbert Cayman Herbert Layman, BS, SM, CIEC

June.	Phon	U.S. M e: (724	icro-S) 853-4	Solutions, Inc 047 Fax: (72 <u>w</u>	. * 302 24) 853 <u>ww.usn</u>	Unity 4049 nslab.c	Plaza AIHA <u>om</u>	* Latrobe, P/ -LAP, LLC EM	A 1565 LAP # 1	0 103009		44 0 + 1010 ¹⁰	
Customer Name: Customer Address:	Adc P.O.	on En Box 3	vironn 262	nental, LLC.		Samp Date I	le Dat Receiv	e: ved:	Janua Janua	ary 10, ary 11,	2019 2019		
	St. C	Croix, V	VI 008	41		Date of	of Rep	ort:	Janua	ary 14,	2019		
Customer Dheney	1240	1 742 4	1702			Fox							
Customer Phone:	(340) /13-	1703			rax:	lion		A d dia		Christ	ion	
PO Number:		lahr	. ц. м/	aadaan lu H	liah Ca	Allen		a liv	Addis	on P.	unnst	ian	
Project Name/Number.	DOE	., John	I N. VV		iigii Sc	.11001,	St. Ch	JIX					
Customer samp	e nu	mbers	belov	v are uniquel	y iden	tified b	by pre	fixing Labora	tory #		1307	-19	
	Aii	rborne	Spore	Trap Analysis	othodi	-	IIGMG	AllergencoD					
Total Volume (L)				75	ethou.		03103	75				75	
Sample Number				2601336				26001324				2601328	
Location:			C)utside Air			Δd	min Offices			Prin	cipals Office	
Particlo ID		Raw	AS	Spores/m ³	%	Raw	AS	Spores/m ³	%	Raw	AS	Spores/m ³	%
Alternaria		ct.		-		ст.		-		Ct.	13	13	5%
Ascospores		11	13	143	4%	Q	13	117	25%	4	13	52	18%
Aspergillus/Penicillium-like			10	140	470	7	13	91	19%	1	13	13	5%
Basidiospores		15	13	195	6%	18	13	234	50%	13	13	169	59%
Bipolaris/Drechslera		10	10	100	070	10	10	204	0070	10	10	100	0070
Cercospora		4	13	52	2%								
Chaetomium													
Cladosporium		218	13	2,834	87%	2	13	26	6%	2	13	26	9%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora		1	13	13	0%								
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes		2	13	26	1%					1	13	13	5%
Stachybotrys													
Torula													
Trichoderma													
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		251		3,263		36		468		22		286	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments						-							
Skin Cell Fragments				1				1				1	
Debris				1				2				2	
Analyst Initials				LS				LS				LS	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			260	1336 10/2019			2600	01324 10/2019			260	1328 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M e: (724	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	24) 853- ww.usn	Unity 4049 nslab.c	Plaza AIHA om	* Latrobe, P. LAP, LLC EM	A 1565 LAP # ′	0 103009		Fak to a second	
Customer Name: Customer Address:	Adc P.O. St. C	on En . Box 3 Croix, V	vironn 262 VI 008	nental, LLC. 41		Samp Date I Date o	le Dat Receiv of Rep	e: red: ort:	Janua Janua Janua	ary 10, ary 11, ary 14,	2019 2019 2019		
Customer Phone: PO Number: Project Name/Number:	(340 DOE)) 713-′ E, Johr	1703 1 H. W	oodson Jr. H	ligh Sc	Fax: Attent hool,	tion: St. Cro	bix	Addis	on P.	Christ	ian	
Customer samp	le nu Ai	mbers rborne	belov Spore	v are uniquel Trap Analysis	y iden [.]	tified k -	by pret	AllergencoD	atory #		1307	-19	
Total Volume (L)	1	1		75	ethou.		031013	75		1		75	
Sample Number				2841798				2841793				2841788	
Location:			Librar	y - 1st Fl South			Lib	rary - 2nd Fl		AAF	RJH Offi	ces - Common /	Area
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria						1	13	13	6%				
Ascospores						4	13	52	22%				
Aspergillus/Penicillium-like		9	13	117	69%	7	13	91	39%	6	13	78	29%
Basidiospores		2	13	26	15%	3	13	39	17%	5	13	65	24%
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		1	13	13	8%	3	13	39	17%	8	13	104	38%
Curvularia		-				-							
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Ruste		1	13	13	8%					1	13	13	5%
Smuts/ Myxomycetes			10	10	070					-	10	10	570
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia Unidentified hyaline conidia										1	13	13	5%
Total Mold (Spores/m³ of air)		13		169		18		234		21		273	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Chin Call Francessta				1				4				4	
Skin Cell Fragments				1				1				1	
Analyst Initials				KP				KP				KP	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			281	4798 10/2019			284	1793 10/2019			284	1788 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M e: (724)	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853∙ ww.usn	Unity 4049 nslab.c	Plaza AIHA om	* Latrobe, PA -LAP, LLC EM	A 1565 LAP # 1	0 103009		40 (D + 10) 50 ⁴	
Customer Name: Customer Address:	Adc P.O. St. C	on Env Box 3 Croix, V	/ironn 262 /I 008	nental, LLC. 41		Samp Date I Date o	le Dat Receiv of Rep	e: /ed: ort:	Janua Janua Janua	ary 10, ary 11, ary 14,	2019 2019 2019 2019		
Customer Phone: PO Number: Project Name/Number:	(340 DOE) 713-1 E, Johr	1703 1 H. W	oodson Jr. H	ligh Sc	Fax: Attent hool,	tion: St. Cro	Dix	Addis	on P.	Christ	ian	
Customer samp	e nu Ai	mbers rborne	belov Spore	v are uniquel Trap Analysis	y iden	tified k -	by pret	fixing Labora AllergencoD	atory #		1307	-19	
	r	1		Analytical M	ethod:	1	USMS	-M008		1			
Sample Number				/5				/5				/5	
Location:				A-123				A-124				A-126	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		40	13	520	40%	18	13	234	45%	15	13	195	1%
Aspergillus/Penicillium-like		5	13	65	5%	1	13	13	3%	100	133	13,300	96%
Basidiospores		7	13	91	7%	1	13	13	3%	1	13	13	0%
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		44	13	572	44%	20	13	260	50%	14	13	182	1%
Curvularia		1	13	13	1%					3	13	39	0%
Epicoccum													
Helicomyces													
Nigrospora										1	13	13	0%
Oidium										-			
Pithomyces/Ulocladium										1	13	13	0%
Polythrincium											10	10	070
Puete		3	13	30	3%					2	13	26	0%
Smuts/ Myxomycotos		5	15		570					2	13	20	0%
Stachybotnyc										2	15	20	0 76
Torulo													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		100		1,300		40		520		139		13,807	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments					1								
Plant Fragments													
Skin Cell Fragments				1				1				1	
Debris				1				1				2	
Analyst Initials				HC				HC				HC	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			284	1795 10/2019			284	1803 10/2019			260	1342 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M ie: (724	licro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853∙ ww.usn	Unity 4049 nslab.c	Plaza AIHA <u>com</u>	* Latrobe, PA LAP, LLC EM	A 1565 LAP # 1	0 103009		44 10 + 10 M	
Customer Name: Customer Address:	Adc P.O.	on En Box 3	vironn 262	nental, LLC.		Samp Date I	le Dat Receiv	e: ved:	Janua Janua	ary 10, ary 11,	2019 2019		
	31. 0	STOIX,	VI UU04	+1		Date	от кер	ort:	Janua	ary 14,	2019		
Customer Phone:	(340)) 713- [,]	1703			Fax:	lion		۸ddia	on D	Christ	ian	
Project Name/Number:	DOE	E. Johr	1 H. W	oodson Jr. H	liah Sc	hool.	St. Cro	oix	Auuis		CIIISU		
Customercom	-	mhoro	halay		vidan	tified b		iving Lobor			1207	10	
Customer samp	Ai	rborne	Spore	Trap Analysis	y iden	- unieu r	by prei	AllergencoD	atory #		1307	-19	
				Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number		-		2601333				2601329				2601340	
Location:				A-127				A-129				A-130	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		2	13	26	20%	2	13	26	6%	1	13	13	8%
Aspergillus/Penicillium-like						1	13	13	3%	9	13	117	75%
Basidiospores		1	13	13	10%	8	13	104	25%				
Bipolaris/Drechslera													
Cercospora		2	13	26	20%	2	13	26	6%				
Chaetomium													
Cladosporium		5	13	65	50%	17	13	221	53%	2	13	26	17%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes						2	13	26	6%				
Stachybotrys													
Torula													
I richoderma													
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		10		130		32		416		12		156	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1	1			1				1	
Debris				2				2				2	
Analyst Initials				LS				LS				LS	
Date Analyzed	<u> </u>			01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:	<u> </u>	<u> </u>	260	1333 10/2019			260	1329 10/2019		L	260	1340 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

STORE Inc.	Phon	U.S. M ie: (724	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853∙ ww.usn	Unity 4049 nslab.c	Plaza AIHA om	* Latrobe, PA LAP, LLC EM	A 1565 LAP # ′	0 103009		440 (2 + 13 10 M	
Customer Name: Customer Address:	Adc P.O. St. 0	on Env . Box 3 Croix, V	vironn 262 VI 0084	nental, LLC. 41		Samp Date I Date o	le Dat Receiv of Rep	e: /ed: ort:	Janua Janua Janua	ary 10, ary 11, ary 14,	2019 2019 2019		
Customer Phone: PO Number: Project Name/Number:	(340 DOE)) 713-′ Ξ, Johr	1703 n H. W	oodson Jr. H	ligh Sc	Fax: Attent	tion: St. Cro	bix	Addis	on P.	Christ	ian	
Customor samp	0 011	mhore	bolov		vidon	tifiad k	w prof	iivina Labor	story #		1307	_19	
Customer samp	Ai	rborne	Spore	Trap Analysis	y luen	-	by prei		atory #		1307	-15	
				Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number				2601337				2601330				2601323	
Location:			Tea	cher Lounge			c	Counselor				B-107	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		3	13	39	14%					3	13	39	15%
Aspergillus/Penicillium-like		3	13	39	14%	6	13	78	67%	4	13	52	20%
Basidiospores		4	13	52	19%	2	13	26	22%				
Bipolaris/Drechslera													
Cercospora		2	13	26	10%					2	13	26	10%
Chaetomium													
Cladosporium		9	13	117	43%	1	13	13	11%	10	13	130	50%
Curvularia										-			
Epicoccum													
Helicomyces													
Nigrospora													
Didium Dithemusee (Ille ele dium													
Pithomyces/Diocladium													
Polythrinclum													
Smuts/ Myxomycotos													
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia										1	13	13	5%
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		21		273		9		117		20		260	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1	+			1	-			1	-
Debris				1				1				1	
Analyst Initials				BM				BM				BM	
Date Analyzed			260	01/11/19 1337 10/2010			260	01/11/19			020	01/11/19	
Casselle Serial # / Exp Date:	1	1	200	100/ 10/2019			200	1000 10/2019		1	200	1323 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Junc.	Phon	U.S. M e: (724	icro-S) 853-4	Solutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853- ww.usn	Unity 4049 nslab.c	Plaza AIHA <u>com</u>	* Latrobe, PA LAP, LLC EM	A 1565 LAP # 1	0 103009		44 10 + 10 100	
Customer Name:	Adc	on En	vironn	nental, LLC.		Samp	le Dat	e:	Janua	ary 10,	2019		
Customer Address:	St. C	Croix, V	VI 008	41		Date (of Rep	ort:	Janua	ary 11, ary 14,	2019		
Customer Phone:	(340) 713-'	1703			Fax:							
PO Number:						Atten	tion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E, Johr	1 H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	oix					
Customer samp	le nu	mbers	belov	v are uniquel	y iden	tified b	by pret	fixing Labora	atory #		1307	-19	
	Aiı	rborne	Spore	Trap Analysis	- 411-	-	LIONO	AllergencoD					
Total Valuma (I.)	1	1		Analytical M	etnoa:		USMS	-MUU8		1		75	
Sample Number				75 2601335				75 2601334				/5 2501339	
Location:		Raw		B-108	C '	Raw		B-109		Raw		D-106	
Particle ID		ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		7	13	91	9%					5	13	65	31%
Aspergillus/Penicillium-like		49	13	637	61%	51	13	663	100%	10	13	130	63%
Basidiospores		7	13	91	9%					1	13	13	6%
Bipolaris/Drechslera		-											
Cercospora													
Chaetomium													
Cladosporium		17	13	221	21%								
Laliaamuaaa													
Nigrooporo													
Oidium													
Bithomycos/Illocladium													
Polythringium													
Ruste													
Smuts/ Myxomycetes													
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		80		1,040		51		663		16		208	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Plant Fragments													
Skin Cell Fragments				0				0				1	
Debris Analyst Initials				1				1				2	
Analyst Initials				01/11/10				01/11/10				01/11/19	
Cassette Serial # / Exp Date:			260	1335 10/2019		-	260	1334 10/2019			250	1339 10/2019	
Entire trace and made Deputte relate		·		Describe and associate							200		

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

STORE Inc.	Phon	U.S. M e: (724	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853∙ ww.usn	Unity 4049 nslab.c	Plaza AIHA om	* Latrobe, P. LAP, LLC EM	A 1565 LAP # 1	0 103009		Fak to a second	
Customer Name: Customer Address:	Adc P.O. St. C	on Env . Box 3 Croix, V	vironn 262 VI 0084	nental, LLC. 41		Samp Date I Date o	le Dat Receiv of Rep	e: /ed: ort:	Janua Janua Janua	ary 10, ary 11, ary 14,	2019 2019 2019		
Customer Phone: PO Number: Proiect Name/Number:	(340 DOE)) 713-′ E. Johr	1703 h H. W	oodson Jr. H	liah Sc	Fax: Attent	tion: St. Cro	bix	Addis	on P.	Christ	ian	
											4007	40	
Customer samp	le nu	mbers	Delov	v are unique	y iden	cified b	by prei	AllergenceD	atory #		1307	-19	
	All	Donne	Shore	Analytical M	ethod:	-	USMS	-M008					
Total Volume (L)	<u> </u>			75	ounour		001110	75				75	
Sample Number				2601341				2601343				2841783	
Location:				B-105				B-104	1			B-102	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		6	13	78	8%	17	13	221	15%	2	13	26	7%
Aspergillus/Penicillium-like		12	13	156	17%	42	13	546	38%	10	13	130	36%
Basidiospores		10	13	130	14%	8	13	104	7%	4	13	52	14%
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		11	13	143	15%	29	13	377	26%	9	13	117	32%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts										1	13	13	4%
Smuts/ Myxomycetes										1	13	13	4%
Stachybotrys													
Torula													
Trichoderma													
Unidentified hyaline conidia		32	13	416	45%	14	13	182	13%	1	13	13	4%
Total Mold													
(Spores/m ³ of air)		71		923		110		1,430		28		364	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1	1			1				1	
Debris				2				2				1	
Analyst Initials				KP				KP				KP	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			260	1341 10/2019			260	1343 10/2019			284	1783 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Josephilips	Phon	U.S. M e: (724	licro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	. * 302 24) 853- ww.usn	Unity 4049 nslab.c	Plaza AIHA <u>om</u>	* Latrobe, P/ -LAP, LLC EM	A 1565 LAP # 1	0 103009		40 (D + 10) M	
Customer Name:	Adc	on En	vironn	nental, LLC.		Samp	le Dat	e:	Janua	ary 10,	2019		
Customer Address:	P.O.	Box 3	262			Date F	Receiv	ved:	Janua	ary 11,	2019		
	St. C	Croix, V	VI 008	41		Date of	of Rep	ort:	Janua	ary 14,	2019		
Customer Phone:	(340) 713-′	1703			Fax:							
PO Number:						Attent	ion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E, Johr	ո H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	oix					
Customer samp	lo nu	mhore	helov	v are uniquel	v idon [.]	tifiad h	w nref	fixing Labora	torv #		1307	-19	
	Ai	rborne	Spore	Trap Analysis	y lucii	-	y pre	AllergencoD			1001	10	
				Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number				2601332				2601338				2601321	
Location:				B-103				B-101				B-121	
Deutiele ID	1	Raw	AS	Spores/m ³	%	Raw	AS	Spores/m ³	%	Raw	AS	Spores/m ³	%
Particle ID		ct.	10	operee	70	ct.	7.0	opercom	70	ct.		opereesiii	70
Alternaria			10		0 01						10		1001
Ascospores		3	13	39	9%	1	13	13	2%	1	13	13	10%
Aspergillus/Penicillium-like		2	13	26	6%	52	13	676	80%	2	13	26	20%
Basidiospores		1	13	91	21%	8	13	104	12%	4	13	52	40%
Bipolaris/Drechsiera		-	40		00/		40	40	00/				
Cercospora		3	13	39	9%	1	13	13	2%				
Chaetomium										-			
Cladosporium		19	13	247	56%	1	13	13	2%	3	13	39	30%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes			-			2	13	26	3%				
Stachybotrys													
Torula													
Trichoderma													
Unidentified hvaline conidia													
· · · · · · · · · · · · · · · · · · ·													
Total Mold (Spores/m ³ of air)		24		442		6F		945		10		420	
		34		442	I	65		045	I	10		130	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1				1				1	
Debris				2				2				2	
Analyst Initials				LS				LS				LS	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			260	1332 10/2019			260	1338 10/2019			260	1321 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M e: (724	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	:. * 302 24) 853- ww.usn	Unity 4049 nslab.c	Plaza AIHA <u>om</u>	* Latrobe, P/ -LAP, LLC EM	A 1565 LAP # ′	0 103009		44 0 + 1010 ¹⁰	
Customer Name:	Adc	on En	vironn	nental, LLC.		Samp	le Dat	e:	Janua	ary 10,	2019		
Customer Address:	P.O.	Box 3	262			Date I	Receiv	ved:	Janua	arv 11.	2019		
	St. C	Croix, V	VI 008	41		Date of	of Rep	ort:	Janua	ary 14,	2019		
							•			•			
Customer Phone:	(340) 713-	1703			Fax:							
PO Number:	\	,				Attent	tion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E, Johr	1 H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	xic					
											4007	40	
Customer samp	le nu	mbers	belov	v are uniquel	y iden	tified b	by pret	Tixing Labora	atory #		1307	-19	
	AI	enroar	Spore	Analytical M	othod	-	USMS						
Total Volume (L)	1	1		75	ethou.		03103	75		1		75	
Sample Number				2601325				2601322				2601331	
Location:		Davis		B-117		Davis		B-116	1	Davis		B-115	
Particle ID		ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		1	13	13	17%	3	13	39	12%				
Aspergillus/Penicillium-like		4	13	52	67%	16	13	208	64%	5	13	65	33%
Basidiospores						1	13	13	4%	1	13	13	7%
Bipolaris/Drechslera													
Cercospora										1	13	13	7%
Chaetomium													
Cladosporium		1	13	13	17%	4	13	52	16%	8	13	104	53%
Curvularia													
Epicoccum													
Helicomvces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes						1	13	13	4%				
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mold													
(Spores/m ³ of air)		6		78		25		325		15		195	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1	1			1				1	
Debris				1				1				1	
Analyst Initials				BM				BM				BM	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:		I	260	1325 10/2019			260	1322 10/2019			260	1331 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M e: (724)	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	. * 302 24) 853- <u>ww.usn</u>	Unity 4049 <u>islab.c</u>	Plaza AIHA om	* Latrobe, PA LAP, LLC EM	A 1565 LAP # 1	0 103009		44 D + 1010	
Customer Name: Customer Address:	Adc P.O.	on Env Box 3	vironn 262	nental, LLC.		Samp Date I	le Dat Receiv	e: ved:	Janua Janua	ary 10, ary 11,	2019 2019		
	3i. C	JIOIX,	1000	41		Date	от кер	ort:	Janua	ary 14,	2019		
Customer Phone: PO Number:	(340) 713-1	1703			Fax: Attent	tion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E, Johr	h H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	oix					
Customer samp	le nu	mbers	belov	v are uniquel	v iden	tified k	ov pref	ixing Labora	atorv #		1307	-19	
	Ai	rborne	Spore	Trap Analysis	,	-	<u>,</u>	AllergencoD	<u> </u>			-	
		1		Analytical M	ethod:		USMS	-M008		1			
Total Volume (L)				75				75				75	
				2001320				2041002				2001319	
Location:		_		B-114	1	_		B-113	1	_		B-112	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		2	13	26	0%	1	13	13	6%	4	13	52	1%
Aspergillus/Penicillium-like		149	178	26,522	100%	9	13	117	50%	308	13	4,004	98%
Basidiospores		3	13	39	0%								
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		4	13	52	0%	8	13	104	44%	2	13	26	1%
Curvularia		1	13	13	0%								
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes													
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		159		26,652		18		234		314		4,082	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments				1	Į.			1				0	
Debris				1				2				1	
Analyst Initials				HC				HC				HC	
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:	Ļ	L	260	1326 10/2019			264	1802 10/2019		L	260	1319 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. M e: (724	icro-S) 853-4	olutions, Inc 047 Fax: (72 <u>w</u>	24) 853- ww.usn	Unity 4049 nslab.c	Plaza AIHA <u>com</u>	* Latrobe, P. -LAP, LLC EM	A 1565 LAP # ′	0 103009		46 07 + 1110M	
Customer Name:	Adc	on En	vironn	nental, LLC.		Samp	le Dat	e:	Janua	ary 10,	2019		
Customer Address:	P.O.	Box 3	262	·		Date I	Receiv	ved:	Janua	ary 11.	2019		
	St. C	Croix, V	VI 008	41		Date of	of Rep	ort:	Janua	ary 14,	2019		
							-			•			
Customer Phone:	(340) 713-	1703			Fax:							
PO Number:	•					Attent	tion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E, Johr	1 H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	oix					
Customer comp		mhara	halay		vidon	lifiad k		living Lobor			1207	10	
Customer samp		rhorne	Spore	V are uniquei Tran Δnalvsis	y iden	ineu i	by pre		atory #		1307	-19	
	~"	Donne	opore	Analytical M	ethod:		USMS	-M008					
Total Volume (L)		1		75				75		1		75	
Sample Number				2841782				2601327				2801314	
Location:			R-11	1 North Side			R-11	1 South Side				B-206	
		Raw	D-11		<i>a</i> :	Raw	D-11			Raw		0-200	
Particle ID		ct.	AS	Spores/m ^a	%	ct.	AS	Spores/m ³	%	ct.	AS	Spores/m [°]	%
Alternaria													
Ascospores		1	13	13	3%								
Aspergillus/Penicillium-like		28	13	364	90%	5	13	65	71%	5	13	65	29%
Basidiospores		1	13	13	3%	1	13	13	14%	8	13	104	47%
Bipolaris/Drechslera													
Cercospora						1	13	13	14%				
Chaetomium													
Cladosporium		1	13	13	3%					4	13	52	24%
Curvularia													
Epicoccum													
Helicomyces													
Oidium													
Bithomycos/Illocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes													
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mold													
(Spores/m³ of air)		31		403		7		91		17		221	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Frant Fragments													
Skin Cell Fragments				1				1	·			1	
Debris				2				2				2	
Analyst Initials				LS 01/11/10				LS				LS 01/11/10	
Date Analyzed Cassette Serial # / Evo Date:			284	1782 10/2019			260	1327 10/2019			280	1314 10/2019	
Esting the sector of the secto		<u> </u>	204			L	200				200		

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 ne: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com												
Customer Name: Customer Address:	Adc P.O. St. C	on Env Box 3 Croix, V	/ironn 262 /I 008	nental, LLC. 41		Sample Date:JanuaDate Received:JanuaDate of Report:Janua				ary 10, ary 11, ary 14,	ıry 10, 2019 ıry 11, 2019 ıry 14, 2019			
Customer Phone: PO Number: Project Name/Number:	(340 DOE) 713-′ E, Johr	1703 h H. W	oodson Jr. H	ligh Sc	Fax: Attention: Addis chool, St. Croix				on P. Christian				
Customer samp	e nu Ai	mbers rborne	belov Spore	v are uniquel Trap Analysis	y iden	tified k -	by pref	ixing Labora	atory #	1307-19				
	r	1		Analytical M	ethod:	1	USMS	-M008		1				
Sample Number				/5				/5				/5		
Location:				B-207				B-208				B-210		
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	
Alternaria														
Ascospores		3	13	39	9%	4	13	52	14%	1	13	13	7%	
Aspergillus/Penicillium-like		11	13	143	31%	5	13	65	17%	8	13	104	57%	
Basidiospores		3	13	39	9%	2	13	26	7%	2	13	26	14%	
Bipolaris/Drechslera														
Cercospora		1	13	13	3%	2	13	26	7%					
Chaetomium														
Cladosporium		14	13	182	40%	16	13	208	55%	3	13	39	21%	
Curvularia														
Epicoccum														
Helicomyces														
Nigrospora														
Oidium														
Pithomyces/Illocladium														
Polythrincium														
Puete		1	13	13	3%									
Smuts/ Myxomycotos		1	13	13	3%									
Stachybotrys		•	10	15	570									
Torula														
Trichoderma														
Unidentified dematiaceous conidia		1	13	13	3%									
Unidentified hyaline conidia														
Total Mold (Spores/m³ of air)		35		455		29		377		14		182		
Pollen		0	13	< 13		0	13	< 13		0	13	< 13		
Hyphal Fragments														
Insect Fragments						1	13	13						
Plant Fragments														
Skin Cell Fragmente							1				1			
Debris		1					1				1			
Analyst Initials		BM			BM						BM			
Date Analyzed		01/11/19					01/11/19				01/11/19			
Cassette Serial # / Exp Date:		2601320 10/2019			2601309 10/2019					260	1315 10/2019			

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 ne: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com											
Customer Name:	Adc	on Env	vironn	nental, LLC.		Sample Date: Janu			Janua	ary 10, 2019			
Customer Address:	P.O. St. 0	. Box 3 Croix, V	262 VI 0084	41		Date Received:JanuaDate of Report:Janua			ary 11, ary 14,	2019 2019			
Customer Phone:	(340)) 713-1	1703			Fax							
PO Number:	(010	,,				Attent	tion:		Addis	on P.	Christ	ian	
Project Name/Number:	DOE	E. Johr	1 H. W	oodson Jr. H	liah Sc	hool.	St. Cro	xic					
Customercomm										4007.40			
Customer samp		rborne	Spore	v are uniquei Tran Analysis	y iden	- 111ea c	by prei	AllergencoD	itory #		1307	-19	
		i borne	opore	Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number				2601310				2601305				2601300	
Location:				B-211				B-215				B-213	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria						•••				1	13	13	2%
Ascospores		6	13	78	7%	4	13	52	21%	4	13	52	9%
Aspergillus/Penicillium-like		46	13	598	52%	8	13	104	42%	3	13	39	7%
Basidiospores		20	13	260	23%	7	13	91	37%	8	13	104	18%
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		10	13	130	11%					22	13	286	50%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts		1	13	13	1%								
Smuts/ Myxomycetes		1	13	13	1%								
Tamula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia		4	13	52	5%					6	13	78	14%
Total Mold (Spores/m³ of air)		88		1,144		19		247		44		572	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments										1	13	13	
Plant Fragments													
Skin Cell Fragments		1					1	-			1		
Debris		2			2						2		
Analyst Initials			КР					KP			KP		
Date Analyzed Cassette Serial # / Exp Date:			260	1310 10/2019			260	1305 10/2019			260	1300 10/2019	
Dasselle Serial # / EXP Date:	1	I	200	1010 10/2019			200	1000 10/2018		1	200	1000 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Caryanam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 one: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com												
Customer Name: Customer Address:	Adc P.O. St. 0	on Env . Box 3 Croix, V	vironn 262 VI 008	nental, LLC. 41		Sample Date: Janua Date Received: Janua Date of Report: Janua			ıry 10, 2019 ary 11, 2019 ary 14, 2019					
Customer Phone: PO Number: Project Name/Number:	(340 DOE)) 713-1 E, Johr	1703 n H. W	oodson Jr. H	ligh Sc	Fax: Attention: Addis chool, St. Croix				on P. Christian				
Customer samp	le nu Ai	mbers rborne	belov Spore	v are uniquel Trap Analysis	y iden	tified by prefixing Laboratory # - AllergencoD					1307	-19		
	1	r –			etnoa:	1	USMS	-MUU8		1		75		
Sample Number			/5 2601313					/5 2601299			75			
Location:				B-201				B-202				B-203		
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	
Alternaria														
Ascospores		1	13	13	7%					3	13	39	13%	
Aspergillus/Penicillium-like		4	13	52	27%	1	13	13	6%					
Basidiospores		8	13	104	53%	13	13	169	81%	10	13	130	42%	
Bipolaris/Drechslera														
Cercospora										1	13	13	4%	
Chaetomium														
Cladosporium		2	13	26	13%	2	13	26	13%	10	13	130	42%	
Curvularia														
Epicoccum														
Helicomyces														
Nigrospora														
Pithomyces/Ulocladium														
Polythrincium														
Rusts														
Smuts/ Myxomycetes														
Tamula														
Trichoderma														
Unidentified dematiaceous conidia														
Unidentified hyaline conidia														
Total Mold (Spores/m³ of air)		15		195		16		208		24		312		
Pollen		0	13	< 13		0	13	< 13		0	13	< 13		
Hyphal Fragments														
Insect Fragments														
Plant Fragments														
Skin Cell Fragments			1					1				1		
Debris				2				2				2		
Analyst Initials		LS					LS				LS			
Date Analyzed				01/11/19				01/11/19				01/11/19		
Cassette Serial # / Exp Date:	<u> </u>		2601313 10/2019				2601299 10/2019				260	1296 10/2019		

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

June.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 ne: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com								44 0+10100			
Customer Name:	Adc	on En	vironn	nental, LLC.		Sample Date: Janu			Janua	ary 10, 2019			
Customer Address:	P.O.	Box 3	262			Date I	Receiv	ved:	Janua	ary 11,	2019		
	St. C	Croix, V	oix, VI 00841 [Date of	of Rep	ort:	Janua	ary 14,	2019		
Customer Phone:	(340) 713-′	1703			Fax:							
PO Number:	-	-					tion:		Addis	on P.	Christi	ian	
Project Name/Number:	DOE	E, Johr	1 H. W	oodson Jr. H	ligh Sc	hool,	St. Cro	oix					
Customer samp		mhore	bolov	v are uniquel	v idon	tified by prefixing Laboratory #				1207 10			
	Aiı	rborne	Spore	Trap Analysis	yiuch	-	y pre	AllergencoD			1007	10	
				Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number				2601306				2601311				2601316	
Location:				C-112				C-109				C-117	
		Raw	46	Spores/m ³	0/_	Raw	46	Spores/m ³	0/_	Raw	45	Spores/m ³	0/_
Particle ID		ct.	A 3	oporea/iii	70	ct.	~5	oporea/in	70	ct.	~5	oporea/m	70
Alternaria													
Ascospores		3	13	39	19%					3	13	39	0%
Aspergillus/Penicillium-like		7	13	91	44%	1	13	13	100%	602	13	7,826	96%
Basidiospores		6	13	78	38%					6	13	78	1%
Bipolaris/Drechsiera													
Cercospora													
Cladopporium										10	10	247	20/
Cupularia										19	13	247	3%
Enicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes													
Stachybotrys													
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Total Mold (Spores/m³ of air)		16		208		1		13		630		8,190	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments										1	13	13	
Insect Fragments													
Plant Fragments													
Skin Cell Fragments			1					0				1	
Debris		1					1				1		
Analyst Initials		HC					HC				HC		
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:		2601306 10/2019				L	260	1311 10/2019		L	260	1316 10/2019	

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Junc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 ne: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com											
Customer Name: Customer Address:	Adc P.O. St. C	on En Box 3 Croix, V	vironn 262 VI 008	nental, LLC. 41		Sample Date:JanuaDate Received:JanuaDate of Report:Janua			ıry 10, 2019 ary 11, 2019 ary 14, 2019				
Customer Phone: PO Number: Project Name/Number:	(340 DOE)) 713-⁄ E, Johr	1703 n H. W	oodson Jr. H	ligh Sc	Fax: Attention: Addis chool, St. Croix			Addis	on P. Christian			
Customer samp	le nu	mbers	belov	v are uniquel	v iden	tified b	ov pret	ixing Labora	atorv #		1307	-19	
	Ai	rborne	Spore	Trap Analysis	othod	-		AllergencoD	<u> </u>				
Total Volume (L)	1			75	etiiou.		03103	75				75	
Sample Number				2601301				2601307				2501312	
Location:				C-118				C-128				C-121	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores						1	13	13	5%				
Aspergillus/Penicillium-like		9	13	117	30%	11	13	143	55%	2	13	26	20%
Basidiospores		5	13	65	17%	3	13	39	15%	1	13	13	10%
Bipolaris/Drechslera													
Cercospora		2	13	26	7%								
Chaetomium													
Cladosporium		13	13	169	43%	3	13	39	15%	7	13	91	70%
Curvularia						1	13	13	5%				
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Rusts													
Smuts/ Myxomycetes		1	13	13	3%								
Stachybotrys													
Torula Trichodorma													
Unidentified dematiaceous conidia						1	13	13	5%				
Unidentified hyaline conidia													
Total Mold (Spores/m³ of air)		30		390		20		260		10		130	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments		1	13	13									
Insect Fragments			10	10									
Plant Fragments													
Skin Cell Fragments		1					1				1		
Debris							1				1		
Analyst Initials	1	BM					KP				KP		
Date Analyzed				01/11/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:		2601301 10/2019				2601307 10/2019				250	1312 10/2019		

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Inc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 IN: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 www.usmslab.com											
Customer Name: Customer Address:	Adc P.O. St. 0	on Env . Box 3 Croix, V	vironn 262 VI 008	nental, LLC. 41		Sample Date: Janua Date Received: Janua Date of Report: Janua			ary 10, 2019 ary 11, 2019 ary 14, 2019				
Customer Phone: PO Number: Project Name/Number:	(340 DOE)) 713-1 E, Johr	1703 n H. W	oodson Jr. H	ligh Sc	Fax: Attention: Addis chool, St. Croix			Addis	son P. Christian			
Customer samp	le nu Ai	mbers rborne	belov Spore	v are uniquel Trap Analysis	y iden	tified b	by pref	fixing Labora	atory #	1307-19			
			•	Analytical M	ethod:		USMS	-M008					
Total Volume (L)				75				75				75	
Sample Number			2601302					2601318				2601303	
Location:				C-123				C-102				C-101	
Particle ID		Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%	Raw ct.	AS	Spores/m ³	%
Alternaria													
Ascospores		4	13	52	10%								
Aspergillus/Penicillium-like		23	13	299	59%	23	13	299	52%	41	13	533	93%
Basidiospores		7	13	91	18%	6	13	78	14%	1	13	13	2%
Bipolaris/Drechslera													
Cercospora													
Chaetomium													
Cladosporium		4	13	52	10%	15	13	195	34%	2	13	26	5%
Curvularia													
Epicoccum													
Helicomyces													
Nigrospora													
Oidium													
Pithomyces/Ulocladium													
Polythrincium													
Ruete													
Smuts/ Myxomycotos		1	13	13	3%								
Stachybotrys			15	15	570								
Torula													
Trichoderma													
Unidentified dematiaceous conidia													
Unidentified hyaline conidia													
Total Mald													
(Spores/m³ of air)		39		507		44		572		44		572	
Pollen		0	13	< 13		0	13	< 13		0	13	< 13	
Hyphal Fragments													
Insect Fragments													
Plant Fragments													
Skin Cell Fragments								1				1	
Debris			1 2					2				1	
Analyst Initials			HC					KP				KP	
Date Analyzed				01/14/19				01/11/19				01/11/19	
Cassette Serial # / Exp Date:			260	1302 10/2019			260	1318 10/2019			260	1303 10/2019	-

AS=Analytical Sensitivity (spore/m³); Blank Lines = None Detected

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Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

Junc.	Phon	U.S. Micro-Solutions, Inc. * 302 Unity Plaza * Latrobe, PA 15650 ne: (724) 853-4047 Fax: (724) 853-4049 AIHA-LAP, LLC EMLAP # 103009 <u>www.usmslab.com</u>							44 (D + 10104)					
Customer Name:	Adc	on En	vironn	nental, LLC.		Samp	le Dat	e:	Janua	ary 10,	2019			
Customer Address:	P.O.	Box 3	262			Date F	Receiv	ed:	Janua	arv 11.	2019			
	St. C	Croix, V	VI 0084	41		Date of	of Rep	ort:	Janua	arv 14.	2019			
									••••••	, ,				
Customer Phone:	1240	1 742	1702			Eav								
Customer Phone:	(340) / 13-	1703						A	D	01			
PO Number:							ion:		Addis	son P.	on P. Christian			
Project Name/Number:	DOF	z, Johr	п н . w	ooason Jr. H	lign Sc	nool,	St. Cro	XIX						
Customer samp	e nu	mbers	belov	v are uniquel	y iden	tified b	by pret	fixing Labora	atory #		1307	-19		
· · · · ·	Airborne Spore Trap Analysis					-		AllergencoD	Ĩ					
				Analytical M	ethod:		USMS	-M008						
Total Volume (L)				75				75						
Sample Number				2601294				2601317						
Location:				nknown 1				nknown 2						
		Raw	40			Raw	40			Raw		Cnore - /3		
Particle ID		ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ³	%	ct.	AS	Spores/m ²	%	
Alternaria														
Ascospores		3	13	39	8%									
Aspergillus/Penicillium-like		3	13	39	8%									
Basidiospores		26	13	338	68%									
Bipolaris/Drechslera														
Cercospora														
Chaetomium														
Cladosporium		5	13	65	13%									
Curvularia		1	13	13	3%									
Epicoccum														
Helicomyces														
Nigrospora														
Oidium														
Pithomyces/Ulocladium										1				
Polythrincium														
Rusts										1				
Smuts/ Myxomycetes														
Stachybotrys														
Torula														
Trichoderma														
Unidentified dematiaceous conidia									-					
Unidentified hyaline conidia														
Total Mold						0	13	< 13						
(Spores/m³ of air)		38		494		Ŭ	10							
	1	0	12	< 12	1	0	12	< 12	1	1				
Pollen		0	15	< 15		0	15	< 15						
Hyphal Fragments														
Insect Fragments			-								-			
Plant Fragments														
Skin Cell Fragments		1					0							
Debris		2					1							
Analyst Initials		LS					LS							
Date Analyzed		01/14/19					01/14/19							
Cassette Serial # / Exp Date:		2601294 10/2019			2601317 10/2019									

Technical Manager: Herbert Carganam

Herbert Layman, BS, SM, CIEC

GUIDELINES FOR DIRECT MICROSCOPIC EXAMINATION - (DME) OF BULK, SWAB AND TAPE SAMPLES

These guidelines are not intended for determination of health significance nor are they necessarily representative of unacceptable indoor environments.

Molds require a food source, moisture, and spore production to proliferate, removing any one of these factors can control fungal growth. However, because of their ubiquitous nature, spores can never be completely eliminated from an area.

	RELATIVE ABUNDANCE OF CONIDIA (SPORES) AND HYPHAL FRAGMENTS								
RATING	¹ Relative Amounts of Observed Fungal Structures per high power field (600X)	SIGNIFICANCE							
Rare	0-1	Indicates a minimal amount of conidia (spores) and/or other fungal structures. Most normal indoor surfaces will show no to low fungal conidia/hyphal fragments. Generally, water indicator molds such as Stachybotrys or Chaetomium should be further investigated.							
Few	2-5	Indicates low amounts of settled conidia (spores). Typically, this amount is not consistent with active fungal growth, however, it may suggest an active source nearby, or that a surface has not been cleaned appropriately. The presence of hyphal fragments or fruiting structures may indicate a nearby source of contamination. Generally, the presence of moisture indicator molds (e.g., <i>Stachybotrys</i> or <i>Chaetomium</i>) may suggest a chronic or acute water condition from sources such as roofs, plumbing leaks, increased humidity, etc.							
Moderate	6-10	Indicates a moderate to heavy amount of fungal contamination (conidia/spores). Generally, this category is indicative of a surface that is, or has been affected, by active fungal growth. The presence of fruiting							
Many	11-100	presence of moderate to numerous conidia/spores alone does not necessarily indicate the viability of the spores. Further investigation of the affected areas may be warranted.							
Numerous	>100	Indicates that the sample area was highly contaminated with fungal spores and/or hyphal fragments. Samples in this category display an unusually high number of conidia/spores or other fungal structures in each microscopic field.							

This scale of relative abundance is affected by the size of the sampled area. If very large areas are sampled with a swab for example, this may cause the results to be skewed into a lower or higher category. These results correspond, roughly, to a sample area measuring one square inch.

	SKIN CELL ANALYSIS							
SKIN CELL RATING	Relative Amounts of Observed Skin Cells per high power field (600 X)							
0	No skin cells present							
1	0-1							
2	2 to 5							
3	6 to 10							
4	11 to 15							
5	<u>></u> 16							

	DEBRIS RATING for DME ANALYSIS (using 600X magnification)									
DEBRIS RATING	CONDITIONS FOR REPORTING DEBRIS RATING	SIGNIFICANCE								
0	Debris is not present.	Sample may be a blank sample or from a very clean or remediated area.								
1	Debris is present and <10% of the average viewing field is obscured.	Minimal amount of debris is observed.								
2	Debris is present and 10% to <40% of the average viewing field is obscured.	Low amount of debris is observed, relative amounts of conidia/hyphal fragments may be affected.								
3*	Debris is present and 40% to 75% of the average viewing field is obscured.	Moderate amount of debris is observed, relative amounts of conidia/hyphal fragments may be underestimated.								
4*	Debris is present and >75% of the average viewing field is obscured.	High amount of debris is observed, relative amounts of conidia/hyphal fragments are estimated.								
6	Slide completely obscured by excessive debris.	Unable to analyze. Recollect sample.								

* A debris rating of 3 or greater indicates that the accuracy of the analysis is likely affected.

SPORE TRAP INTERPRETATION TIPS

Currently there are no numeric standards for indoor airborne or surface microbial contamination. Suggested guidelines are constantly being reviewed and updated as more information is collected.

Some common denominators should be considered when interpreting results:

- 1. Comparison of indoor/outdoor concentration ratios.
- 2. Complaint vs. non-complaint areas or affected vs. non-affected areas.
- 3. Consider air exchange rates and activity levels in a building structure, weather, and season of the year.
- 4. Rank order assessment and concentration (e.g. Spores/m³ of air) of the fungi.

5. Predominant fungal genera: Are there water indicator microorganisms present, such as but not limited to: *Chaetomium*, *Stachybotrys*, *Rhodotorula*, *Trichoderma*, and *Scopulariopsis*.

6. Generally the fungal counts indoors should be lower than outdoor counts and the types of fungi found indoors should be similar to outdoors.

7. There is always a potential bias from infiltration of outdoor air, poor housekeeping, excessive indoor relative humidity, or potential contamination sources (e.g. water intrusion through a basement wall) that may negatively influence post remedial verification (PRV) or clearance levels.

8. The investigator should look for various patterns among the indoor types of molds detected:

a. Increased levels of primary (1st) colonizers in damp or moisture intrusion areas of homes or commercial buildings: *Aspergillus/Penicillium* or *Cladosporium* are usually noted.

b. *Chaetomium* or *Stachybotrys* are tertiary (3rd) colonizers of indoor materials and are usually associated with chronic long standing water/moisture issues in a building.

c. The presence of *hyphal fragments* or *fruiting structures* noted on spore trap samples usually indicates amplification (growth) of fungi on building substrates.

d. *Ascospores* and *basidiospores* noted on indoors spore trap samples most often represent the entrance of inadequately filtered outdoor air. During inclement weather, remember to note time, temperature, and season. Most indoor materials will not support the growth of these fungi.

9. When unidentified hyaline (clear) of dematiaceous (dark-pigmented) conidia are noted on a spore trap sample, it indicates that no particular fungus can be identified. These fungal conidia may represent such yeast-like fungi as *Aureobasidium*, *Sporidiobolus*, unidentifiable *Acremonium* species, Basidiomycetes (basidiospores), and Ascomycetes (ascospores).

10. Keep in mind when interpreting spore trap sample reports, that indoor levels may be higher than corresponding outdoor levels (winter time in the Northern U.S.) with a predominance of *Aspergillus/Penicillium* or *Cladosporium* conidia with no significant amplification of any molds.

SPORE TRAP GUIDELINES FOR INDOOR MICROBIAL CONTAMINATION

DEBRIS RATING for SPORE TRAP ANALYSIS (using 600X magnification) (Air-O-Cell, Micro 5, Allergenco D, Cyclex d, VersaTrap, etc.)								
DEBRIS RATING	CONDITIONS FOR REPORTING DEBRIS RATING	SIGNIFICANCE						
0	A visible trace, including particulates and debris, is not observed.	Indicates the sample was a blank, the area is exceptionally clean, or improper sampling occurred.						
1	Debris is present and <10% of the average viewing field is obscured.	Minimal amount of debris is observed.						
2	Debris is present and 10% to <40% of the average viewing field is obscured.	Low amount of debris is observed, counts may be affected.						
3*	Debris is present and 40% to 75% of the average viewing field is obscured.	Moderate amount of debris is observed, counts of conidia/hyphal fragments may be underestimated.						
4*	Debris is present and >75% of the average viewing field is obscured.	High amount of debris is observed, counts are estimated.						
5* See Relative Abundance chart below	Excessive debris is present	Periphery of trace analyzed. Relative amounts of conidia/hyphal fragments noted. Suggest recollection.						
6	Slide completely obscured by excessive debris.	Unable to analyze. Recollect sample.						

* A rating of 3 or greater indicates that the accuracy of the analysis is likely affected.

	RELATIVE ABUNDANCE of OBSERVED CONIDIA & HYPHAL FRAGMENTS
RATING	Relative Amounts of Observed Fungal Structures per high power field (600X)
Rare	0-1
Few	2 to 5
Moderate	6 to 10
Many	11 to 100
Numerous	>100

	SKIN CELL ANALYSIS
SKIN CELL RATING	Relative Amounts of Observed Skin Cells per high power field (600X)
0	No skin cells present
1	0-1
2	2 to 5
3	6 to 10
4	11 to 15
5	≥16

End of Report

AMENDED Changed Sample Code to match sample received in United Missing Sample oiliveling por indison Christian is oilively



U.S. Micro-Solutions, Inc.

1075 S Main Street, Suite 104 Greensburg, PA 15601 PH: 724-853-4047 FAX: 724-853-4049



supplies@usmslab.com

LABORATORY TEST REQUEST - CHAIN OF CUSTODY

											And a second		
Customer Name: ADCON ENVIRONMENTAL, LLC					Phone #:340-713-1703 FAX #:								
Address:P.O. BOX 3262						City:ST	City:ST. CROIX State:VI Zip:00841					341	
Attention To: ADDISON P. CHRISTIAN							E-Mai:adconstx@gmail.com						
Sample Obtained By: ADDISON							Resul s: FAX 🖌 E-Mail PO# Proposal #					#	
Projec	t Name/Nu	mber:DC	DE, JOH	HN H. WC	DODSON	JR. ⊢IC	GH SCHO	DOL, ST.	CRO	SIX			
Turn-Around-Time: Standard (48-72 hr) Ne (Spore Trap & DME Only)*							hr, M-F)	Same Day	(6 hr, M	I-F)	3-Hour	(M-F)	Saturday
Comments:													
Sar	nple #	Sa Date	mple / Time	Sample Code	Analysis Code		Sar	nple Locatior	1 & Des	cription			Sample Volume/Area
260	1336	1/10/19	9:05AM	ST	SPT		0	UTSI	DE	AIR			15L/5MIN
260	01324	1/10/19	9:10	ST	SPT		AD	MIN C)FF	ICES	S		15L/5MIN
260	1328	1/10/19	9:15	ST	SPT		PRIN	CIPAL	_S (DFFI	ICE		15L/5MIN
284	1798	1/10/19	9:20	ST	SPT	LIE	BRAR	Y - 1S	ST F	EL S	OU.	TH	15L/5MIN
284	1793	1/10/19	9:25	ST SPT LIBRARY- 2ND FL						15L/5MIN			
284	1788	1/10/19	9:30	ST	SPT	AARJH OFFICES-COMMON AREA					REA	15L/5MIN	
284	1795	1/10/19	9:35	ST	SPT		A-123						15L/5MIN
284	1803	1/10/19	9:40	ST	SPT	A-124						15L/5MIN	
260	1342	1/10/19	9:45	ST	SPT			A-1	26				15L/5MIN
Relinq	uished By	(Customer	MUST sign				der Leinigentichen Versich ein sind Artiste der				Date 8	Time 1	(FT FO
Receiv	ved By – La	ab Use On	iA · 1	<u>c</u>		<u> </u>	Dat	te & Time	120	VC	Lab#	201 -	19
Rev. 12-14-	17	Y	FLY	MIN			01	-11-19	14		Concernance of	001	
San	nple Cod	le					Analy	sis Code					
Α	Air Plate		DME	Direct Micro	scopic Exam	and the second second	HPC Heterotrophic Plate Count			ount			
В	Bulk		SPT	Spore Trap	AD		MYC Mycobacteria Culture						
ST	Spore Tr	ap	FUNG	Fungal Cultu	ure – Counts w	ID of top 3 organisms STA Staphylococcus / MRSA Cu			SA Culture	ulture			
S	Swab		BACT	Bacterial Cu	lture – Counts	w/ ID of top 3 organisms DUO Duodenoscope Culture			е				
W	Water		SSQT	Sewage Scr E. coli, colife	een (quant) – Corms, enterococci	Counts w/ Identification HCU Heater/Cooler Water Culture				Culture coliforms, &	P. aeruginosa		
Т	Таре		SSQL	Sewage Scr	een (qualitative	a) – Identification of PSA Pseudomonas aeruginosa Cull				nosa Cultu	ıre		
0	Other		COL	Colilert – Pr	resence/absence	ce of E. co.	e of <i>E. coli</i> , coliforms IDS Species Identification by			by MALDI	-TOF		

*All samples received after 1:00 p.m. Monday-Friday will be considered received the NEXT business day. Same Day and Next Day samples received on Saturday will be reported on Moncay and Tuesday, respectively.

		D B ELIT	LABOR	U.S. Mic 1075 S Gre PH: 724-85 ATORY TES A	Cro-So Main St ensburg 3-4047 T REQUE dditional	Dlutions, Inc. reet, Suite 104 , PA 15601 FAX: 724-853-4049 ST – CHAIN OF CUST Samples	CODY		NY ELAP #1205: The New York Environment Lakonstony Approval Program				
Customer Name:	Customer Name: ADCON ENVIRONMENTAL, LLC Project Name/Number: DOE, JOHN H. WOODSON JR. HIGH SCHOOL, ST. CROIX												
Sample # Sample Sample Code Sample Location & Description													
2601333	1/10/19	9:50	ST	SPT	anna ann an chuirtío.	A-1	27		15L/5MIN				
2601329	1/10/19	10:00	ST	SPT		A-1	29		15L/5MIN				
2601340	1/10/19	10:05	ST	SPT		A-1	30		15L/5MIN				
2601337	1/10/19	10:10	ST	SPT		TEACHER	LOUNC	ΞE	15L/5MIN				
2601330	1/10/19	10:15	ST	SPT	1	COUNS	ELOR		15L/5MIN				
2601323	1/10/19	10:20	ST	SPT		B-1	07		15L/5MIN				
2601335	1/10/19	10:25	ST	SPT	B-108				15L/5MIN				
2601334	1/10/19	10:30	ST	SPT	T B-109				15L/5MIN				
2501339	1/10/19	10:35	ST	SPT	T B-106				15L/5MIN				
2601341	1/10/19	10:40	ST	SPT	B-105				15L/5MIN				
2601343	1/10/19	10:45	ST	SPT		B-1	04		15L/5MIN				
2841783	1/10/19	10:50	ST	SPT		B-1	02		15L/5MIN				
2601332	1/10/19	10:55	ST	SPT		B-1	03		15L/5MIN				
2601338	1/10/19	11:00	ST	SPT		B-1	01		15L/5MIN				
2601321	1/10/19	11:05	ST	SPT		B-1	21		15L/5MIN				
2601325	1/10/19	11:10	ST	SPT	B-117				15L/5MIN				
2601322	1/10/19	11:15	ST	SPT		15L/5MIN							
2601331	1/10/19	11:20	ST	SPT		15L/5MIN							
2601326	1/10/19	11:25	ST	SPT		B-1	14		15L/5MIN				
2641802	1/10/19	11:30	ST	SPT		B-1	13		15L/5MIN				
2601319	1/10/19	11:35	ST	SPT		B-1	12		15L/5MIN				
Received By - Lab Use Only Q. Human Date & Time Date & Time 1307-19													

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Rev. 12-14-17

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U.S. Micro-Solutions, Inc. 1075 S Main Street, Suite 104 Greensburg, PA 15601 PH: 724-853-4047 FAX: 724-853-4049





LABORATORY TEST REQUEST - CHAIN OF CUSTODY Additional Samples

Customer Name:	ADCC	N EN	VIRON	MENTAL	LLC Project Name/Number: DOE, JOHN H. WOODSON JR.	HIGH SCHOOL, ST. CROIX
Sample #	San Date	nple / Time	Sample Code	Analysis Code	Sample Location & Description	Sample Volume/Area
2841782	1/10/15	12:05	ST	SPT	B-111, NORTH SIDE	= 15L/5MIN
2601327	1/10/19	12:10	ST	SPT	B-111, SOUTH SIDE	15L/5MIN
2801314	1/10/19	12:15	ST	SPT	B-206	15L/5MIN
2601320	1/10/19	12:20	ST	SPT	B-207	15L/5MIN
26013 <u>0</u> 9	1/10/19	12:30	ST	SPT	B-208	15L/5MIN
2601315	1/10/19	12:35	ST	SPT	B-210	15L/5MIN
2601310	1/10/19	12:40	ST	SPT	B-211	15L/5MIN
2601305	1/10/19	12:45	ST	SPT	B-215	15L/5MIN
2601300	1/10/19	12:55	ST	SPT	B-213	15L/5MIN
2601313	1/10/19	1:00	ST	SPT	B-201	15L/5MIN
2601299	1/10/19	1:05	ST	SPT	B-202	15L/5MIN
2601296	1/10/19	1:10	ST	SPT	B-203	15L/5MIN
2601306	1/10/19	1:15	ST	SPT	C-112	15L/5MIN
2601311	1/10/19	1:20	ST	SPT	C-109	15L/5MIN
2601316	1/10/19	1:25	ST	SPT	C-117	15L/5MIN
2601301	1/10/19	1:30	ST	SPT	C-118	15L/5MIN
2601307	1/10/19	1:35	ST	SPT	C-128	15L/5MIN
2501312	1/10/19	1:40	ST	SPT	C-121	15L/5MIN
2601302	1/10/19	1:45	ST	SPT	C-123	15L/5MIN
2601318	1/10/19	1:50	ST	SPT	C-102	15L/5MIN
2601303	1/10/19	2:00	ST	SPT	C-101	15L/5MIN
Received By – La	b Use Only	you			Date & Time Lab #	307-19

		elit	LABOR	U.S. Micro-Solutions, Inc. 1075 S Main Street, Suite 104 Greensburg, PA 15601 PH: 724-853-4047 FAX: 724-853-4049 Atory TEST REQUEST – CHAIN OF CUSTODY Additional Samples						
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	Sample #	Sanaple Date . Time	Sample Code	Analysis Code		Sample Locatior	a & Description		Sample Volume/Area	
Malig	2601302	1/10/19 2:35	ST	SPT	B-205				15L/5MIN	
0	102018	1/10/19 3:38	Т	DME			15L/5MIN			
	102012	1/10/19 3:42	Т	DME	B-215, LAB HOOD				15L/5MIN	
	2601294	1/10/19	ST	SPT	un known I				75	
	2601317	1/10/19	ST	SPT	un known 2				75	
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	received By – La	4. Hu	si~			Date & Time	1205	ad # 1307	-19	

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