

# managing risk with responsibility

Aston A. Henry, Supervisor Telephone: 754 321-1900 Risk Management Department Fax: 754 321-1917

September 25,	2012	Signature on File	<u>Fo</u>	r Custodial Supervisor Use Only
TO:	Jonathan Williams, Principal			Custodial Issues Addressed
	Northeast High School			Custodial Issues Not Addressed
FROM:	Robert Krickovich, Coordinator Facilities Design and Construct	· ·		
SUBJECT:	Indoor Air Quality (IAQ) Asses	ssment		

On September 25, 2012, I conducted an assessment at **Northeast High School**. Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

The IAQ assessment did identify one or more existing conditions impacting IAQ and has generated appropriate work orders to correct deficiencies in systems and maintenance that could contribute to decreased indoor air quality. At the time of the assessment, these concerns were not an immediate health or safety concern to building occupants. However, due to individual sensitivities and predisposing health factors, it is possible that some building occupants may elicit a health response to agents and / or conditions identified during the evaluation. Therefore, to further improve IAQ, prevent development of future IAQ-related problems, and to reduce the potential for IAQ-related complaints by building occupants, the IAQ Assessment Team recommends appropriate follow up of each item identified and listed in the attached evaluation.

Please ensure that your Head Facilities Serviceperson receives a copy of this correspondence so that the recommendations requiring their attention can be addressed. In an attempt to separate IAQ issues from general maintenance items, the attached assessment may contain direction for site based staff to generate a work order through COMPASS. Within two weeks a representative from the Custodial/Grounds Department will conduct a follow-up visit to ensure that all site based custodial issues have been appropriately addressed.

Should any questions arise, or if the current concerns continue after the attached recommendations have been addressed, please feel free to contact us at 754-321-1907.

cc: Directors, School Performance & Accountability
Shelley Meloni, Executive Director, Facilities Design and Construction
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division
Aston Henry, Supervisor, Risk Management
Sonja Coley, Senior Project Manager, Facilities Design and Construction
Broward Teachers Union
Federation of Public Employees

RK/tc Enc.

Northeast High	Evaluation [	Date September 25, 20	12 <b>Time of Day</b> 6:00	Oam
Outdoor Conditions Temperature 77	'.1 Relati	ive Humidity 85.8	Ambient CO2 52	8
Fish         Temperature         Range         Ref           111         70.7         72 - 78	78.6	Range Co 30% - 60%		cupants 1
Noticeable Odor No Visible  Ceiling 2' X 4' Lay in  Walls Plaster  Floor 12" x 12" Vinyl	le water damage / staining?  No  No  No	Visible microbial growth?  No  No  No	Amount of material affected	
Ceiling Clean  Walls Clean  Flooring Clean  Room Surfaces Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	res	HVAC Return Grills Clean Inside of Return Duct Clean	Yes N/A
Signs of Pests No Food	aust Fans Working Drain Traps We if Stored in Room i lled Containers	et N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Roof Top  Filters Installed Properly N/A  Condensate Pan Clean N/A	Filters Clean Cooling Coil Clean		Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location  Pollutant Sources Near Air Intake		▼	Fresh Air Intake Free of Obstruction	
Observations 6 ceiling tiles at supply grills are dirty - 2 nee Minor dust on surfaces	ed cuts			
Corrective Actions to be Completed by Site  Remove and replace dirty ceiling tile  Thoroughly clean all surfaces		Remove and repla	ions to be Completed by PP0 ce ceiling tiles at supply gril to reduce humidity level	$\overline{}$

Northeast High	Evaluation Date S	September 25, 2012	Time of Day 6:	00am
Outdoor Conditions Temperature 7	7.1 Relative Hur	midity 85.8	Ambient CO2 5	28
Fish         Temperature         Range         F           111A         70.8         72 - 78	Relative Humidity Range 80.6 30% - 6	401	Range # Oo MAX 700 > Ambient	ccupants 1
Noticeable Odor No Visi	ble water damage / V staining?	/isible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in  Walls Plaster	No No	No No		
Floor Carpet	Yes	Yes	1 sq foot under des	k
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	'es	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	'es	Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	'es		
Trash Removed Yes Ex	haust Fans Working	I/A	Unapproved Chemicals / Cleaners in Room	No
110	Lif Stored in Room is	I/A I/A	Air Fresheners in Room	No
Mechanical Equipment Location Roof Top			Mechanical Room Clean	N/A
Filters Installed Properly N/A			nside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean N	I/A		
Fresh Air Intake Location  Pollutant Sources Near Air Intake		▼	Fresh Air Intake Free of Obstruction	
Observations				
Carpet has area of microbial growth under	desk			
Corrective Actions to be Completed by Sit	e Based Staff	Corrective Actions	s to be Completed by PF	20
	<b>▼</b>		d replace carpet	▼
	▼	Repair TVAC (0)	reduce humidity level	▼
	▼			▼
	<u> </u>			▼
	<b>▼</b>			▼
	▼			▼

Northeast High

Evaluation Date September 25, 2012

6:00am

Time of Day

Outdoor Conditions T	emperature	77.1 Rel	ative Humidity	85.8	Ambient CO2 5	28
Fish Temperature 70.8	re Range 72 - 78	Relative Humidity 72.9	Range 30% - 60%	<b>co</b> <sup>2</sup> 508		ccupant
Noticeable Odor	lo Vis	sible water damage staining?	y Visible m grow		Amount of material affected	
Ceiling 2' X 4' Lay	in	No	Ye	es	6 tiles with microbial g	rowth
Walls Plaster		No	No	0		
<b>Floor</b> 12" x 12" Vir	ıyl	No	No	0		
Ceiling Clean Yes		HVAC Supply Grills Clean	Yes		HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean Yes		Inside of Supp Duct Clean	Yes		Inside of Return Duct Clean	N/A
Room Surfaces Yes	<u>;]</u>	Ceiling at Sup Grills Clean	ply No			
Trash Removed Yes	_	xhaust Fans Worki			Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No	Foo	Drain Traps V od if Stored in Roor Sealed Containers			Air Fresheners in Room	No
Mechanical Equipment Lo	ocation Roof To	p			Mechanical Room Clean	N/A
Filters Installed Properly	N/A	Filters Cle	an N/A		Inside of HVAC Unit Clean	N/A
Condensate Pan Clean	N/A	Cooling Coil Cle	an N/A			
Fresh Air Intake Location  Pollutant Sources Near Air Intake	Roof top	)		<b>V</b>	Fresh Air Intake Free of Obstruction	
Observations	vai ava hial ava vutl	2 mand outs @				
6 ceiling tiles with minor	microbiai growth	1 - 2 need cuts @	supply grills			
Corrective Actions to be Remove and repl					ns to be Completed by Pf o reduce humidity level	<b>20</b>  ▼
		▼			ce ceiling tile at supply gr	
						▼
		▼				▼
		▼				▼

Northeast High	Evaluation Da	te September 25, 2	2012 <b>Time of Day</b> 6:0	00am
Outdoor Conditions Temperature 77.1	Relativ	e Humidity 85.8	Ambient CO2 5	28
Fish         Temperature         Range         Relative I           111D         71.4         72 - 78         82.	<del>- i</del>		CO <sup>2</sup> Range # Oo 513 MAX 700 > Ambient	ccupants 1
Noticeable Odor No Visible wate staini		Visible microbia growth?	Amount of material affected	
Ceiling 2' X 4' Lay in No		No		
Walls Plaster No		No		
Floor Carpet No		No		
	C Supply Clean	Yes	HVAC Return Grills Clean	No
Inside	e of Supply Clean	Yes	Inside of Return Duct Clean	N/A
	ng at Supply Clean	No		
	ans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No Food if Store		N/A N/A	Air Fresheners in Room	No
in Sealed Co	ntainers	IN/A		
Mechanical Equipment Location Roof Top			Mechanical Room Clean	N/A
Filters Installed Properly N/A F	ilters Clean	N/A	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A Cooling	g Coil Clean	N/A		
Fresh Air Intake Location Roof top			Fresh Air Intake Free	
Pollutant Sources Near Air Intake		1	¬	
Observations				
3 dirty ceiling tiles @ HVAC supply grill - 1 needs o	ut			
Corrective Actions to be Completed by Site Based	l Staff	Corrective A	ctions to be Completed by PF	°0
Clean HVAC supply and return grills with Wexcid	le ▼		C to reduce humidity level	▼
Remove and replace dirty ceiling tiles		Remove and re	place ceiling tile at supply gr	
	<del> </del>			▼
	<b> ▼ </b>			▼
	<del>     </del>			

Northeast High

Evaluation Date September 25, 2012

6:00am

Time of Day

Outdoor Conditions Temperature	77.1 Relative	Humidity 85.8	Ambient CO2 528	
Fish         Temperature         Range           111E         71.4         72 - 78		ange <u>CO</u> - <b>60</b> %		ants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster	No	No		
Floor Carpet	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	No	HVAC Return Grills Clean	es
Walls Clean Yes	Inside of Supply		Inside of Return	
Flooring Clean Yes	Duct Clean	Yes	Duct Clean	/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	lo
Signs of Pests No	Drain Traps Wet	N/A	Air Fresheners N	lo
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location Roof	Тор		Mechanical Room Clean N	/A
Filters Installed Properly N/A	Filters Clean	N/A	Inside of HVAC Unit Clean N	/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location Roof	top	▼	Fresh Air Intake Free of Obstruction	$\neg$
Pollutant Sources Near Air Intake		▼	of Obstruction —	
Observations				
1 Ceiling tile @ supply grill dirty				
Corrective Actions to be Completed b			ons to be Completed by PPO	_
Clean HVAC supply grills with	Wexcide ▼		o reduce humidity level ce ceiling tile at supply grill	<b>▼</b>
	▼	Tomove and repla	oo ooming the at supply grill	▼
	▼			▼
				<b>▼</b>
	▼			╫

Northeast High Eval	luation Date September 25, 2012 Time of Day 6:00am
Outdoor Conditions Temperature 77.1	Relative Humidity 85.8 Ambient CO2 528
Fish         Temperature         Range         Relative Hun           111F         71.6         72 - 78         83.0	nidity Range CO <sup>2</sup> Range # Occupants 30% - 60% 517 MAX 700 > 1 Ambient
Noticeable Odor No Visible water da staining?	- unatarial affactad
Ceiling 2' X 4' Lay in No	No
Walls Plaster No	No
Floor Carpet No	No
Ceiling Clean  Yes  HVAC Su  Grills Cle	
Flooring Clean Yes Inside of Duct Clean	
Room Surfaces Yes Ceiling a Clean Grills Cle	
Trash Removed Yes Exhaust Fans	Working N/A Unapproved Chemicals / Cleaners in Room No
Room Cluttered  No  Proof if Stored in in Sealed Contain	
Mechanical Equipment Location Roof Top	Mechanical Room Clean N/A
	rs Clean N/A Inside of HVAC Unit Clean N/A
Condensate Pan Clean N/A Cooling Co	oil Clean N/A
Fresh Air Intake Location Roof top	▼ Fresh Air Intake Free of Obstruction
Pollutant Sources Near Air Intake	▼
Observations	
2 dirty ceiling tiles - 1 needs cut	
Corrective Actions to be Completed by Site Based St	aff Corrective Actions to be Completed by PPO
Clean HVAC supply and return grills with Wexcide	▼ Repair HVAC to reduce humidity level ▼
Remove and replace dirty ceiling tiles	Remove and replace ceiling tiles at supply grill
	▼
	▼ V

Northeast	High <b>Evaluation</b>	on Date September 25	5, 2012 Time of Day 6:0	00am
Outdoor Conditions Temperature	77.1 Re	elative Humidity 85	5.8 Ambient CO2 52	28
Fish         Temperature         Range           111G         71.9         72 - 78	Relative Humidity 84.5	y Range 30% - 60%	CO <sup>2</sup> Range # Oc 524 MAX 700 > Ambient	cupants
Noticeable Odor Yes	Visible water damag staining?	e / Visible microb growth?	ial Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster	No	No		
Floor Carpet	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean Yes	Inside of Sup Duct Clean	Yes	Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Su Grills Clean	pply No		
Trash Removed Yes	Exhaust Fans Worl		Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No  Room Cluttered No	Drain Traps Food if Stored in Roc in Sealed Containers	om is	Air Fresheners in Room	No
Mechanical Equipment Location Roof			Mechanical Room Clean	N/A
Filters Installed Properly N/A	Filters Cl	ean N/A	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Cl	ean N/A		
Fresh Air Intake Location Roof	top		Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake			▼	
Observations				
2 dirty ceiling tiles - 1 needs cut				
Scented oil air freshener on credenza				
Corrective Actions to be Completed b	v Site Rased Staff	Corrective	Actions to be Completed by PP	
Remove and replace dirty ceili			VAC to reduce humidity level	<del>∪</del>
Remove chemicals and/or air fre			replace ceiling tile at supply gri	II ▼

Remove and replace dirty ceiling tiles	▼
Remove chemicals and/or air fresheners	▼
	▼
	▼
	▼
	▼
	▼
	▼

Repair HVAC to reduce humidity level	▼
Remove and replace ceiling tile at supply grill	▼
	▼
	▼
	▼
	▼
	▼
	▼

	Northeast High	Evaluation Da	te Septembe	er 25, 2012	Time of Day 6:	00am
Outdoor Conditions Tem	perature 77.1	Relative	e Humidity	85.8	Ambient CO2 5	28
Fish Temperature 1111H 72.1	Range         Relative           72 - 78         84	<del>_ i</del>	Range % - 60%	<b>CO</b> <sup>2</sup> 523	Range # O MAX 700 > Ambient	ccupants 1
Noticeable Odor No	Visible wate		Visible mi growt		Amount of material affected	
Ceiling 2' X 4' Lay in	No		No			
Walls Plaster	No		No			
Floor Carpet	No		No			
Ceiling Clean Yes		C Supply s Clean	Yes		HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean No		le of Supply Clean	Yes		Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean		ng at Supply s Clean	Yes			
Trash Removed Yes		ans Working	N/A		Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No  Room Cluttered No		in Traps Wet ed in Room is entainers	N/A		Air Fresheners in Room	No
Mechanical Equipment Locati	ion Roof Top				Mechanical Room Clean	N/A
Filters Installed Properly	N/A F	Filters Clean	N/A		Inside of HVAC Unit Clean	N/A
Condensate Pan Clean	N/A Coolin	g Coil Clean	N/A			
Fresh Air Intake Location	Roof top			▼	Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake				▼	or obstruction	
Observations						
Debris on carpet						
Corrective Actions to be Co	<u> </u>	d Staff			ns to be Completed by PI	20
Thoroughly cl	ean carpet	▼	Repa	ir HVAC to	reduce humidity level	▼
		▼				▼
		<b>V</b>				▼
		▼				▼
		▼				▼
		▼				▼

Northeast High	Evaluation Date	September	25, 2012	Time of Day 6	:00am
Outdoor Conditions Temperature 77.1	Relative	Humidity	85.8	Ambient CO2 5	528
Fish         Temperature         Range         Relative I           111J         71.9         72 - 78         84.	<u> </u>	Range % - 60%	<b>CO</b> <sup>2</sup> 527	Range # O MAX 700 >  Ambient	ccupants 1
Noticeable Odor Yes Visible wate staini	•	Visible micr growth		Amount of material affected	
Ceiling         2' X 4' Lay in         No           Walls         Plaster         No	=	No No	] ]		
Floor Carpet No	_	No	]		
	C Supply s Clean	Yes		HVAC Return Grills Clean	Yes
Inside	e of Supply Clean	Yes		Inside of Return Duct Clean	N/A
	ng at Supply s Clean	Yes			
	ans Working	N/A		Unapproved Chemicals / Cleaners in Room	No
	in Traps Wet ed in Room is intainers	N/A		Air Fresheners in Room	No
Mechanical Equipment Location Roof Top				Mechanical Room Clean	N/A
. , 🗒	Filters Clean	N/A	Ir	nside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A Cooling  Fresh Air Intake Location Roof top	g Coil Clean	N/A	<b>■</b>	Fresh Air Intake Free	
Pollutant Sources Near Air Intake			▼	of Obstruction	
Observations					
Scented oil air freshener on shelf - Debris on carpe	et				
Corrective Actions to be Completed by Site Based				s to be Completed by P	
Thoroughly clean carpet  Remove chemicals and/or air fresheners	▼	Repair	HVAC to	reduce humidity level	▼
	▼				▼
	<b> ▼</b>				▼
	<del> </del>				▼
	▼				▼
					▼

North	neast High Evaluation Da	September 25, 2012	Time of Day 6:00am
Outdoor Conditions Temperati	ure 77.1 Relativ	e Humidity 85.8	Ambient CO2 528
Fish         Temperature         Ran           111L         71.6         72 -		Range CO <sup>2</sup> 0% - 60% 533	Range # Occupants MAX 700 > 1 Ambient
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected
Ceiling 2' X 4' Lay in	No	No	
Walls Plaster	No	No .	
Floor Carpet	No	No	
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No	
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room
Signs of Pests No  Room Cluttered No	Drain Traps Wet	N/A	Air Fresheners No in Room
Mechanical Equipment Location	in Sealed Containers  Roof Top		Mechanical Room Clean N/A
Filters Installed Properly N/A	Filters Clean	N/A I	nside of HVAC Unit Clean N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A	inside of fivac onit clean
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free
Pollutant Sources Near Air Intake		▼	of Obstruction
Observations			
1 dirty ceiling tile @ supply grill no	eds cut		
Corrective Actions to be Complet	ed by Site Based Staff	Corrective Action	s to be Completed by PPO
Constitutions to be complete	▼		reduce humidity level ▼
	▼	•	e ceiling tile at supply grill
	▼		▼
	▼		
	▼		▼
	▼		▼ ▼

Northea	st High <b>Evaluatio</b>	n Date September	er 25, 2012	Time of Day 6	:00am
Outdoor Conditions Temperature	77.1 Re	lative Humidity	85.8	Ambient CO2 5	528
Fish         Temperature         Range           111M         71.2         72 - 78		Range 30% - 60%	<b>CO</b> <sup>2</sup> 522	Range # O MAX 700 > Ambient	ccupants 1
Noticeable Odor No	Visible water damage staining?	growt	h?	Amount of material affected	
Ceiling 2' X 4' Lay in  Walls Plaster	No No	No			
Floor 12" x 12" Vinyl	No	No	L		
Ceiling Clean Yes  Walls Clean Yes	HVAC Supply Grills Clean	Yes		HVAC Return Grills Clean	No
Flooring Clean Yes	Inside of Sup Duct Clean	res		Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Sup Grills Clean	No No			
Trash Removed Yes	Exhaust Fans Work			Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No  Room Cluttered No	Drain Traps Food if Stored in Roo in Sealed Containers			Air Fresheners in Room	No
Mechanical Equipment Location Ro	of Top			Mechanical Room Clean	N/A
Filters Installed Properly  Condensate Pan Clean  N/A	Filters Cle		ln	side of HVAC Unit Clean	N/A
	of top		▼	Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake			▼		
Observations					
2 dirty ceiling tiles @ supply grill - 1	needs cut				
Corrective Actions to be Completed	by Site Based Staff	Correc	tive Actions	to be Completed by P	PO
Clean HVAC return grills with				educe humidity level	<b>_</b>
Remove and replace dirty ce	iling tiles ▼	Remove a	and replace	ceiling tile at supply g	rill ▼
	▼				▼
	▼				▼
	▼				▼

Northeast High Ev	aluation Da	ate Septemb	er 25, 2012	Time of Day 6:	00am
Outdoor Conditions Temperature 77.1	Relativ	ve Humidity [	85.8	Ambient CO2 5	28
Fish         Temperature         Range         Relative Hu           112A         72.1         72 - 78         85.4	<del></del> i	Range 0% - 60%	<b>CO</b> <sup>2</sup> 517	Range # Oo MAX 700 > Ambient	ccupants 1
Noticeable Odor         No         Visible water of staining           Ceiling         2' X 4' Lay in         No           Walls         Plaster         No		Visible m grow No	rth?	Amount of material affected	
Floor 12" x 12" Vinyl No		No	_		
Flooring Clean Yes Duct C	of Supply lean at Supply	Yes Yes No		HVAC Return Grills Clean Inside of Return Duct Clean	No N/A
Trash Removed Yes Exhaust Fan Signs of Pests No Drain Room Cluttered No Food if Stored in Sealed Cont	Traps Wet			Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
. ,	ters Clean Coil Clean	N/A N/A		Mechanical Room Clean Inside of HVAC Unit Clean	N/A
Fresh Air Intake Location Roof top  Pollutant Sources Near Air Intake			<b>V</b>	Fresh Air Intake Free of Obstruction	
Observations					
4 dirty ceiling tiles all @ supply grills all need cuts					
Corrective Actions to be Completed by Site Based S	Staff			ns to be Completed by PF	
Clean HVAC return grills with Wexcide	▼ ▼			reduce humidity level ceiling tiles at supply gr	ills ▼
	▼				▼
	▼				▼
	<b> ▼</b>				<b>▼</b>

Northeast High	Evaluation Dat	e September 25, 2012	Time of Day 6:00	)am
Outdoor Conditions Temperature 77.1	Relative	Humidity 85.8	Ambient CO2 528	3
	<del></del>	Range CO <sup>2</sup> 534	Range # Occ MAX 700 > Ambient	tupants
	ater damage / nining?	Visible microbial growth?	Amount of material affected	
	No ′es	No No		
Floor Carpet	res .	No	Back Corner of Room	
	/AC Supply ills Clean	No	HVAC Return Grills Clean	No
ln:	side of Supply act Clean	Yes	Inside of Return Duct Clean	N/A
	eiling at Supply ills Clean	Yes		
Trash Removed Yes Exhaus	t Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No Food if St	Orain Traps Wet	N/A	Air Fresheners in Room	No
	Containers			N/A
Mechanical Equipment Location Roof Top  Filters Installed Properly N/A	Filters Clean	N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Condensate Pan Clean N/A Coo	ling Coil Clean	N/A		
Fresh Air Intake Location Roof top  Pollutant Sources Near Air		▼	Fresh Air Intake Free of Obstruction	
Observations				
File storage room - severely water damaged wal repaired) - Water damage has reoccurred.	I back corner o	f room (wall has been	repaired but cause was no	t
Corrective Actions to be Completed by Site Bas	sed Staff	Corrective Action	ns to be Completed by PPC	)
Clean HVAC supply and return grills with Wex		Repair HVAC to	reduce humidity level	▼
	▼		ir cause of water damage vall material	▼
	▼		all material wall material as necessar	y ▼
	<del>-   ▼</del>    -			

Northeast High	<b>Evaluation Date</b>	September 25, 201	2 Time of Day 6:	00am
Outdoor Conditions Temperature 77	.1 Relative H	lumidity 85.8	Ambient CO2 5	28
Fish         Temperature         Range         Re           112D         77.1         72 - 78	<del></del> i	ange <u>co</u> - 60% 526		ccupants 1
Noticeable Odor Visibl	e water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Plaster	No	No		
Floor Carpet	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean No	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
	aust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Troom orational Tro	Drain Traps Wet  f Stored in Room is	N/A	Air Fresheners in Room	No
in Sea	ed Containers			
Mechanical Equipment Location Roof Top			Mechanical Room Clean	N/A
Filters Installed Properly N/A	Filters Clean	N/A	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location Roof top		▼	Fresh Air Intake Free	
Pollutant Sources Near Air Intake		▼	of Obstruction	
Observations				
Security camera room - Large computer serv	er in room - room fe	els warm - debris o	n floor	
Corrective Actions to be Completed by Site	Based Staff	Corrective Action	ons to be Completed by PF	
Thoroughly clean and sanitize flooring	ig ▼		to reduce humidity level	▼
	<b>▼</b>			▼
	▼			▼
	▼			▼
	<b>─</b>			▼
	▼			▼

North	east High Evaluation Date	September 25, 2012	Time of Day 6:0	00am
Outdoor Conditions Temperatu	re 77.1 Relative	Humidity 85.8	Ambient CO2 52	28
Fish         Temperature         Range           112E         72.5         72 - 72.5		Range CO <sup>2</sup> 514	Range # Oc MAX 700 > Ambient	cupants
Noticeable Odor No  Ceiling 2' X 4' Lay in  Walls Plaster	Visible water damage / staining? No	Visible microbial growth?  No	Amount of material affected	
Floor Carpet	No	No		
Ceiling Clean  Walls Clean  Flooring Clean  Room Surfaces Clean  Yes  Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes N/A
Trash Removed Yes  Signs of Pests No  Room Cluttered No	Exhaust Fans Working  Drain Traps Wet  Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location  Filters Installed Properly  Condensate Pan Clean  N/A	Roof Top Filters Clean Cooling Coil Clean	N/A II	Mechanical Room Clean	N/A
Fresh Air Intake Location  Pollutant Sources Near Air Intake	Roof top	▼	Fresh Air Intake Free of Obstruction	
Observations				
Corrective Actions to be Complet	ed by Site Based Staff		s to be Completed by PP	0
	▼ ▼	Repair HVAC to	reduce humidity level	▼
	▼ ▼			<b>V</b>
	▼			▼
	▼			<b>V</b>
	<del></del>			-

	Northeast High	Evaluation Dat	September	25, 2012	Time of Day 6:	00am
Outdoor Conditions Tem	nperature 77.1	Relative	Humidity	85.8	Ambient CO2 5	28
Fish Temperature 112F 72.1		<del>-                                    </del>	Range % - 60%	<b>CO</b> <sup>2</sup> 525	Range # 00 MAX 700 > Ambient	ccupants
Noticeable Odor No  Ceiling 2' X 4' Lay in	stai	ter damage / ning? lo	Visible mic growth		Amount of material affected	
Walls Plaster Floor Carpet		lo es	No	] ] ]		
Ceiling Clean Yes		AC Supply Ils Clean	Yes		HVAC Return Grills Clean	Yes
Walls Clean Yes Flooring Clean Yes	Duc	ide of Supply ct Clean	Yes		Inside of Return Duct Clean	N/A
Room Surfaces Yes Clean		ling at Supply lls Clean	Yes			
Trash Removed Yes  Signs of Pests No		Fans Working rain Traps Wet	N/A		Unapproved Chemicals / Cleaners in Room	Yes
Room Cluttered No	Food if Sto in Sealed C	red in Room is containers	N/A		Air Fresheners in Room	No
Mechanical Equipment Local	tion Roof Top	Filters Clean	N/A	Ir	Mechanical Room Clean	N/A
Condensate Pan Clean	N/A Cooli	ng Coil Clean	N/A			
Fresh Air Intake Location  Pollutant Sources Near Air Intake	Roof top			<b>▼</b>	Fresh Air Intake Free of Obstruction	
Observations						
4 gallons of paint in room -	Carpet has minor sta	ining				
Corrective Actions to be Co	ompleted by Site Base	ed Staff	Correcti	ive Actions	s to be Completed by Pf	20
Remove pain Thoroughly clear		▼ ▼	Repair	HVAC to	reduce humidity level	<b>▼</b>
Thoroughly clear	Clamod Carpet	Ŭ.				▼
		▼				▼
		▼				▼
		<b>▼</b>				▼
						▼