

managing risk with responsibility

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June 9, 2009 Signature on File

TO: Ms. Debra Friedman

Program Development and Alignment

Rock Island Administration

FROM: Edward See, Project Manager

Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

FISH 101, 102, 103, 107, 109, 110 and 111

For Custodial Supervisor Use Only							
	Custodial Issues Addressed						
	Custodial Issues Not Addressed						
-							

On May 21, 2009 I conducted an assessment of FISH 101, 102, 103, 107, 109, 110 and 111 at **Rock Island Administration**. This evaluation included observations of the flooring system, ceiling tiles, false ceiling plenum, environmental surfaces, interior and exterior walls, and the accessible ventilation equipment. Additionally, environmental parameter measurements were taken to include temperature, relative humidity, and carbon dioxide. The detailed findings, along with the recommended corrective action can be found on the attached IAQ Assessment Worksheets.

Generally, the IAQ Assessment did not identify any existing conditions significantly impacting IAQ and thereby presenting immediate health and safety concerns 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. Within two weeks a representative from the Custodial/Grounds Department will conduct a follow-up visit to ensure that all 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 me at 754-321-1900.

cc: Jeffrey S. Moquin, Executive Director, Support Operations
Aston A. Henry, Supervisor, Risk Management
Israel Canales, Manager, Administrative Sites
Israel Rodriguez-Soto, Project Manager, Facilities and Construction Management
Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1
Roy Norton, Manager Custodial/Grounds, Physical Plant Operations Division
Robert Krickovich, Coordinator, LEA, Facilities and Construction Management

ES/tc Enc.

		Rock	Island Ad	<u>Iministration</u>			Evaluat	ion Re	questea	April 8, 2009
Time of Day	3:05 p	m					ı	Evalua	tion Date [May 21, 2009
Outdoor Condit	tions	Temp	erature	88.4	Rela	tive Humidity	65.7	7	Ambie	nt CO2 412
Fish T	Temperatui	re Ra	nge R	elative Humidity	R	ange	CO2		Ran	ge # Occupants
101	70.8		- 78	54.5	1	- 60%	682			> Ambient 1
Noticeable Od	or N	No	c	Visible water lamage / staining	g?	Visible microgrowth?			Amount of terial affec	
Ceiling Type		2 x 4		No		No				None
Wall Type	Dryw	/all/Plast	er	No		No				None
Flooring	C	Carpet		No		No				None
	Clea	an	Minor Dus / Debris		ı		Corre	ctive /	Action Re	quired
Ceiling	Ye	es	No	No						
Walls	Ye	es	No	No						
Flooring	Ye	es	No	No						
HVAC Supply	Grills Ye	es	No	No						
HVAC Return	Grills Ye	es	No	No						
Ceiling at Sup	ply Ye	es	No	No						
Surfaces in Ro	oom Ye	es	No	No						
oservations Findings:										
- 2 potted plants		ndustrial	and the lo	ot directly across	s the s	street is mainly	y sand. ∣	Potent	ial for outs	side air contaminants.
- Increase clean	intenance d plants. S ning due to	Soil is a introduc	ction of inc	microbial growth creased sand an gns of microbial	nd dirt	-		debris	accumula	tion and clean as

	Rock Islar	d Administration		Evaluation Requested [April 8, 2009
Time of Day	3:05 pm			Evaluation Date	May 21, 2009
Outdoor Condition	ns Temperatu	re 88.4	Relative Humidity	65.7 Ambier	nt CO2 412
Fish Tem 102 Noticeable Odor Ceiling Type Wall Type Flooring	Range 75.6 No 2 x 4 Drywall/Plaster Carpet Clean Mino	Relative Humidity 49 Visible water damage / staining No	30% - 60% Visible micro	bial Amount of material affect	ed None None None
Ceiling Walls Flooring HVAC Supply Gri	Yes I	No N		Corrective Action Re	quired
Ceiling at Supply Grills Surfaces in Roon		No No No			
Recommendation Site Based Mainte	enance:		growth as well as du	ist and debris accumulat	ion and clean as

		Roc	ck Island A	Administration		Evaluat	ion Requested	April 8, 2009
Time of Day	3:05	pm				I	Evaluation Date	May 21, 2009
Outdoor Condi	tions	Tem	perature	88.4	Relative Hur	nidity 65.7	7 Ambie	nt CO2 412
Fish 103	Temperate 71.4		Range 2 - 78	Relative Humidity	Range 30% - 60%	CO2 633	Ran Max 700	ge # Occupants > Ambient 1
Noticeable Od		No		Visible water	Visible	microbial	Amount of	f
Ceiling Type		2 x 4		damage / staining	_	owth? No	material affec	None
Wall Type	Т	Tackable)	No		No		None
Flooring		Carpet		No		No		None
	Cle	ean	Minor D / Debr		l	Corre	ctive Action Re	equired
Ceiling	Y	′ es	No	No				
Walls	Y	⁄es	No	No				
Flooring	Y	⁄es	No	No				
HVAC Supply	Grills Y	/es	No	No			Remove paper	
HVAC Return	Grills						N/A (in door)	
Ceiling at Sup Grills	ply Y	res .	No	No				
Surfaces in Ro	oom [No	Yes	Yes		Cle	an as appropri	ate
Observations								
Findings: - HVAC supply - Dust build up of FISH 103A - a	on enviro Idjacent d	onmental	l surfaces					
- FISH 103A - a COMPASS to g	intenanc r from H\ ean envir djacent d jenerate a	VAC sup conmenta closet - F a work o	al surfaces Remove a order for P	hysical Plant Ope	d ceiling tile an rations to eval	uate for cause).	If stain returns contact ation and clean as

	11001 15	and Administra	uon		Lvaidati	on Requested	April 6, 2009
Time of Day	3:05 pm				E	valuation Date	May 21, 2009
Outdoor Condition	ns Tempera	ture 88.4	Relat	ive Humidity	65.7	Ambie	nt CO2 412
Fish Ten	nperature Rang	e Relative H	lumidity Ra	inge	CO2	Ran	ge # Occupants
107	75.6 72 - 7 8	50.		- 60%	759	Max 700	> Ambient 3
Noticeable Odor	No		e water staining?	Visible micro growth?		Amount of material affec	
Ceiling Type	2 x 4	N	0	No			None
Wall Type	Drywall/Plaster	N	0	No			None
Flooring	12 x 12 Vinyl	N	0	No			None
		ioi Buot	Needs leaning		Correc	tive Action Re	quired
Ceiling	Yes	No	No				
Walls	Yes	No	No				
Flooring	Yes	No	No				
HVAC Supply Gr	ills Yes	No	No				
HVAC Return Gri	IIs Yes	No	No				
Ceiling at Supply Grills	Yes	No	No				
Surfaces in Roon	n Yes	No	No				
	environmental surf wer connected to s		_		offices hir	nder cleaning ef	forts.
occupants to remo	enance: environmental su	rsonal items to	assist custodia	al staff with cle	eaning ef	forts.	edule to coordinate with

	Rock Isla	nd Administration		Evaluation Requested [April 8, 2009
Time of Day 3:0	05 pm			Evaluation Date	May 21, 2009
Outdoor Conditions	Temperati	ure 88.4	Relative Humidity	65.7 Ambier	nt CO2 412
Fish Temper 109 76 Noticeable Odor	7ature Range 6.5 72 - 78	Relative Humidity 47.4 Visible water	Range 30% - 60% Visible micro		> Ambient 2
		damage / staining		material affect	ted
Ceiling Type Wall Type	2 x 4 Orywall/Plaster	No No	No No		None None
Flooring	Carpet	No	No		None
	Clean Mino	or Dust Needs ebris Cleaning		Corrective Action Re	
Ceiling	Yes	No No			
Walls	Yes	No No			
Flooring	Yes	No No			
HVAC Supply Grills	Yes	No No			
HVAC Return Grills	Yes	No No			
Ceiling at Supply Grills	Yes	No No			
Surfaces in Room	Yes	No No			
shower stall. Recommendations: Site Based Maintena	nt restroom - no l	AQ issues identified.		and boxes of papers are	·

Rock Island Administration	Evaluation Requested April 8, 2009
Time of Day 3:05 pm	Evaluation Date May 21, 2009
Outdoor Conditions Temperature 88.4 Relative Humid	lity 65.7 Ambient CO2 412
Fish Temperature Range Relative Humidity Range 110 78.6 72 - 78 44 30% - 60% Noticeable Odor No Visible water damage / staining? Ceiling Type 2 x 4 No	
Servations Findings: Room is security monitor room (no door) Accumulation of white sandy debris on floor at Northeast corner of the room Dust build up on environmental surfaces Recommendations: Site Based Maintenance: Thoroughly clean flooring to remove build up at Northeast corner of room Clean environmental surfaces Continue to monitor this location for any signs of microbial growth as well as appropriate	

	Rock Island	d Administration		Evaluation Requested	April 8, 2009
Time of Day 3:0	05 pm			Evaluation Date	May 21, 2009
Outdoor Conditions	Temperatur	re 88.4	Relative Humidity	65.7 Ambie	ent CO2 412
Noticeable Odor Ceiling Type	Range 73 72 - 78 No 2 x 4 Orywall/Plaster	Relative Humidity 50.7 Visible water damage / staining No	Range 30% - 60% Visible micro growth? No		> Ambient 1
Flooring	Carpet	No	No		None
	Clean Minor / Del Yes N Yes N Yes N Yes N Yes N	Dust Needs Cleaning O No		Corrective Action Re	equired
Findings: - Room is storage are - Dust and debris on It - HVAC supply grill bl - 1 ceiling tile not set Recommendations: Site Based Maintenate - Clean HVAC return - Move boxes that are - Ensure that ceiling tile - Continue to monitor - appropriate	HVAC return grills ocked by elevated properly in grid ance: grills with Wexcide blocking HVAC suitles are properly se	cardboard boxes disinfectant solutior upply grills et in grid		ust and debris accumula	ation and clean as