

managing risk with responsibility

Telephone: 754-321-3200 Facsimile: 754-321-3290

For Custodial Supervisor Use Only

Custodial Issues Not Addressed

Custodial Issues Addressed

Jeffrey S. Moquin, Director	
Risk Management Departmen	nt

TO: Israel Canales, Manager
Administrative Sites

FROM: Edward See, Project Manager
Risk Management Department

SUBJECT: Indoor Air Quality (IAQ) Assessment

FISH 305 and 306

On June 12, 2007 I conducted an assessment of FISH 305 and 306 at TSSC. 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 754-321-3200.

cc: Jeffrey S. Moquin, Director, Risk Management
Henry Verdugo, 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.

Evaluation Requested June 7, 2007 **TSSC Building Evaluation Date** June 12, 2007 11:40 am Time of Day **Outdoor Conditions Temperature** 88.1 54.5 **Relative Humidity Ambient CO2** 545 Temperature Fish CO₂ **Relative Humidity** Range Range Range # Occupants 305 72.8 49.1 1287 72 - 78 30% - 60% Max 700 > Ambient 2 Visible water Visible microbial **Amount of material Noticeable Odor** No damage / staining? growth? affected None **Ceiling Type** 2 x 4 Lay In No No **Wall Type** Drywall None No No **Flooring** Carpet None No No Clean **Minor Dust Needs Corrective Action Required** Cleaning / Debris Ceiling Yes No No Yes No No Walls **Flooring** Yes No No HVAC Supply Grills | Yes No No **HVAC Return Grills** N/A **Ceiling at Supply** Yes No No **Grills Surfaces in Room** Yes No No **Observations** Findings: No signs of water intrusion or visible microbial growth 1 live potted plant Recommendations: Site Based Maintenance: Remove potted plant Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

IAQ Assessment

1221

Location Number

306			TSSC Building	_	Evaluation Requested	June 7, 2007
Fish Temperature Range Relative Humidity Range CO2 Range #Occupar 306 71.6 72 - 78 48.9 30% - 60% 1206 Max 700 > Ambient 3 Noticeable Odor No Visible water damage / staining? Visible microbial growth? Amount of material affected Ceiling Type 2 x 4 Lay In No No None Wall Type Drywall No No No None Flooring Carpet No No No Corrective Action Required Ceiling Yes No No No Expedite carpet removal HVAC Supply Grills Yes No No	Time of Day 11	:40 am			Evaluation Date	June 12, 2007
306	Outdoor Conditions	Tempera	ature 88.1	Relative Humidit	y 54.5 Ambie	ent CO2 545
Noticeable Odor No Visible water damage / staining? Ceiling Type 2 x 4 Lay In No No None Wall Type Drywall No No None Flooring Carpet No No No None Clean Minor Dust / Debris Cleaning Ceiling Yes No No No Flooring Ves No No No No None Walls Yes No No No Expedite carpet removal HVAC Supply Grills Yes No	Fish Tempe	erature Ranç	ge Relative Hum	idity Range	CO2 Rar	nge # Occupants
Ceiling Type	306 7	1.6 72 - 7	48.9	30% - 60%	1206 Max 700	> Ambient 3
Wall Type Drywall No No No None Clean Minor Dust / Debris Cleaning Ceiling Yes No No No State Cleaning Walls Yes No No State Cleaning Flooring No Yes Yes Expedite carpet removal HVAC Supply Grills Yes No No No State Cleaning State Cleaning Corrective Action Required Expedite carpet removal	Noticeable Odor [No				terial
Flooring Carpet No No No None Clean Minor Dust / Debris Cleaning Corrective Action Required Ceiling Yes No No No No Flooring No Yes Yes Expedite carpet removal HVAC Supply Grills Yes No No	Ceiling Type	2 x 4 Lay In	No	No		None
Clean Minor Dust / Debris Cleaning Corrective Action Required Ceiling Yes No No No Walls Yes No No Expedite carpet removal HVAC Supply Grills Yes No		Drywall	No	No		None
Ceiling Yes No No No Walls Yes No No Expedite carpet removal HVAC Supply Grills Yes No	Flooring	Carpet	No	No		None
Walls Yes No No Supply Grills Yes No No No Supply Grills Yes No Supply Grill Yes No Supply Grills Y					Corrective Action Ro	equired
Flooring No Yes Yes Expedite carpet removal HVAC Supply Grills Yes No No	Ceiling	Yes	No	0		
HVAC Supply Grills Yes No No	Walls	Yes	No	0		
	Flooring	No	Yes	es	Expedite carpet ren	noval
	HVAC Supply Grills	Yes	No	0		
HVAC Return Grills N/A	HVAC Return Grills				N/A	
Ceiling at Supply Yes No No Grills		Yes	No N	0		
Surfaces in Room No Yes Yes Clean as appropriate	Surfaces in Room	No	Yes	es	Clean as appropri	ate
Findings: No signs of water intrusion or visible microbial growth Discoloration on ceiling tile and grid from painting - no issue Dust on surfaces throughout the room. Excessive clutter - files on bookshelves and floor. Carpet is worn Recommendations: Site Based Maintenance: Thoroughly clean surfaces throughout the room and encourage occupant to reduce clutter to assist in cleaning efforts Expedite carpet replacement Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate	Findings: - No signs of water int - Discoloration on ceil - Dust on surfaces thr - Carpet is worn -Recommendations: Site Based Maintena - Thoroughly clean su - Expedite carpet repl - Continue to monitor	ling tile and grid roughout the root. ance: arfaces throughout the root.	I from painting - no ion. Excessive clutton. Excessive clutton.	er - files on bookshelves	duce clutter to assist in cl	

IAQ Assessment

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