THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT

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September 2	24, 2015	Signature on File	For Custodial Supervisor Use Only
TO:	Janet Phelps, Pasadena Lal	Principal ces Elementary	Custodial Issues Addressed
FROM:		ovich, Coordinator, LEA al Health & Safety Department	Custodial Issues Not Addressed
SUBJECT: 1	Indoor Air Qualit	y (IAQ) Assessment	

On September 21, 2015, I conducted an assessment at **Pasadena Lakes Elementary**. 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 754-321-4200.

cc: Shelley Meloni, Director, Pre-Construction
Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division
Broward Teachers Union
Federation of Public Employees
Gerald Devio, Supervisor II Custodial
Benjamin Osborne, Supervisor II Custodial
Rich Volipi, Supervisor II Custodial
Mark Murray, Supervisor II Custodial
Sam Bays, Director, Maintenance Operations
Kurt Wirz, Area Manager Trades

Clean ceilings around HVAC supply grills	▼
Clean HVAC supply grills with Wexcide	
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Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	
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IAQ Assessment

Pasadena Lakes Elementary Eva	Evaluation Date September 21, 2015 Time of Day 11:00 AM
Outdoor Conditions Temperature 89.0	Relative Humidity 68.9 Ambient CO2 539
Fish Temperature Range Relative Hu 120 74.5 72 - 78 84.9	
Noticeable Odor Yes Visible water d	
Ceiling 2' X 4' Lay in No	No
Walls Plaster No	No
Floor 12" x 12" Vinyl No	No
Ceiling Clean Yes HVAC S Grills C Walls Clean Yes	Supply HVAC Return Grills Clean Yes
	e of Supply Clean Yes Inside of Return Duct Clean N/A
Room Surfaces Yes Ceiling Clean Grills C	ng at Supply Clean Yes
Trash Removed Yes Exhaust Fans	Cleaners in Room No
Signs of Pests No Drain	n Traps Wet N/A Air Fresheners No
Room Cluttered No Food if Stored in Sealed Conta	d in Room is in Room
Mechanical Equipment Location Roof Top	Mechanical Room Clean N/A
Filters Installed Properly N/A Filter	ilters Clean N/A Inside of HVAC Unit Clean N/A
Condensate Pan Clean N/A Cooling C	g Coil Clean N/A
Fresh Air Intake Location Roof top	Fresh Air Intake Free
Pollutant Sources Near Air Intake water standing on I	of Obstruction Tes n roof - plants growing ▼
Observations	
Musty odor in room - Humidity extremely elevated - functioning properly, not able to reduce humidity in	- humidity elevated in entire building - HVAC system not n building - Units need to be replaced ASAP.
Corrective Actions to be Completed by Site Based S	
	▼ Evaluate and repair HVAC system as needed ▼ Repair HVAC to Reduce Humidity Levels ▼
	▼ Repair roof ENTIRE SCHOOL ▼
	▼ Repair HVAC ENTIRE SCHOOL ▼
	
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Clean ceilings around HVAC supply grills	•
Clean HVAC supply grills with Wexcide	
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Corrective Actions to be Completed by FFO	
Evaluate and repair HVAC system as needed	▼
Repair HVAC to Reduce Humidity Levels	▼
Repair roofing - remove water damaged wall	▼
and ceiling materials - replace all water	▼
damaged wall and ceiling materials	▼
Repair roof ENTIRE SCHOOL	▼
Repair HVAC ENTIRE SCHOOL	▼
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Complaint of reoccurring microbial growth on walls - Humidity slightly elevated - HVAC Supply grills and ceilings at supply grills dirty - Humidity in corridor of building 69.6% -

Corrective Actions to be Completed by Site Based Staff

Stair
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Corrective Actions to be Completed by PPO

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