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

## **TELEPHONE (754) 321-4200**

## FACSIMILE: (754) 321-4285

| March 24, 20 | 016 Signature on File   | For Custodial Supervisor Use Only |
|--------------|---|-----------------------------------|
| ТО           | Trevor Roberts, Principal<br>Sawgrass Elementary                          | Custodial Issues Addressed        |
| FROM:        | Daniel Meyer, Project Manager<br>Environmental Health & Safety Department |                                   |
| SUBJECT:     | Indoor Air Quality (IAQ) Assessment                                       |                                   |

On March 21, 2016, I conducted an assessment at **Sawgrass Elementary School.** Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

The IAQ Assessment did not identify any existing conditions significantly impacting IAQ or 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 allergens and / or conditions noted 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 any item/s identified and noted 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 Volpi, Supervisor II Custodial Mark Murray, Supervisor II Custodial Sam Bays, Director, Maintenance Operations Kurt Wirz, Area Manager Trades

DM:smn Enc.

| IAQ Assessment   |   |                                 |  |      |  |  |  |
|--|---|---------------------------------|--|------|--|--|--|
| Sawgrass   | Elementary Evaluation                       | n Date March 21, 2016           | Time of Day 9:0                            | 0 AM |  |  |  |
| Outdoor Conditions Temper  | ature 63.6 Rel                              | ative Humidity 73.8             | Ambient CO2 3                              | 93   |  |  |  |
|  | angeRelative Humidity2 - 7858.7             | Range Column 200   30% - 60% 40 |  | 2    |  |  |  |
| Noticeable Odor No   | Visible water damage<br>staining?           | / Visible microbial<br>growth?  | Amount of<br>material affected             |      |  |  |  |
| Ceiling 2' X 4' Lay in   | Yes   | No                              | 1 tile                                     |      |  |  |  |
| Walls Drywall  | No  | No                              |  |      |  |  |  |
| Floor 12" x 12" Vinyl  | No  | No                              |  |      |  |  |  |
| Ceiling Clean Yes<br>Walls Clean Yes   | HVAC Supply<br>Grills Clean                 | Νο                              | HVAC Return<br>Grills Clean                | No   |  |  |  |
| Flooring Clean Yes   | Inside of Supp<br>Duct Clean                | ly Yes                          | Inside of Return<br>Duct Clean             | Yes  |  |  |  |
| Room Surfaces Yes<br>Clean   | Ceiling at Sup<br>Grills Clean              | No No                           |  |      |  |  |  |
| Trash Removed Yes  | Exhaust Fans Work                           | ing Yes                         | Unapproved Chemicals /<br>Cleaners in Room | No   |  |  |  |
| Signs of Pests No  | Drain Traps V                               | Net Yes                         | Air Fresheners                             |      |  |  |  |
| Room Cluttered Yes   | Food if Stored in Rooi in Sealed Containers | n is Yes                        | in Room                                    | No   |  |  |  |
| Mechanical Equipment Location FISH #331 Mechanical Room Clean Yes  |   |                                 |  |      |  |  |  |
| Filters Installed Properly Ye  | s Filters Cle                               | an Yes                          | Inside of HVAC Unit Clean                  | Yes  |  |  |  |
| Condensate Pan Clean Ye  | S Cooling Coil Cle                          | an Yes                          |  |      |  |  |  |
| Fresh Air Intake Location Ducted to roof-top   |   | Fresh Air Intake Free           |  |      |  |  |  |
| Pollutant Sources Near Air<br>Intake   | Νο  | ▼                               | of Obstruction                             |      |  |  |  |
| Observations   |   |                                 |  |      |  |  |  |
| One ceiling tile with a water stain - needs to be replaced. Supply and return grills need to be cleaned. Ceiling tiles and grid around the supply grills need to be cleaned. Large throw rug needs to be removed and cleaned properly. Roof leak was recently repaired. No signs of microbial growth in classroom. |   |                                 |  |      |  |  |  |

Corrective Actions to be Completed by Site Based Staff

| Replace stained ceiling tile     | ▼ |  |
|----------------------------------|---|--|
| Clean supply with wexcide        | ▼ |  |
| Vacuum return grill              | ▼ |  |
| Remove and clean large throw rug | ▼ |  |
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Corrective Actions to be Completed by PPO

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