



INDOOR ENVIRONMENTAL TECHNOLOGIES
Creating Healthy Buildings through Applied Science

Friday, April 16, 2010

Mr. Charles Girard
Learning Gate Community School
16215 Hanna Road
Lutz, FL 33549

Inspection date: Tuesday, April 6, 2010

Inspection location: Same as above

Inspection type: Formaldehyde air sampling for LEED 3.2 compliance

Materials and Methods: All sample media was shipped chilled from the lab prior to collection and after collection per manufacturer's specifications. Low flow (1 liter/minute) air sampling over 4 hours to collect a minimum of 240 liters for formaldehyde concentration analysis. Pumps were calibrated using a BIOS primary air flow calibrator to 1 l/m and recalibrated after collection. Samples were sent off with freezer packs by FedEx Priority Next Day.

Sample locations: Classrooms 53, 43, 41

Dear Mr. Girard,

Thank you for the opportunity to work with you on this project. Laboratory analysis of the three samples collected indicated concentrations below the LEED 3.2 threshold value of 50 parts per billion (ppb) 2003-05 or 27 ppb when version 2009 is released.

Location	Concentration ppm	Concentration ppb
Room 53	0.013 ppm	13 ppb
Room 43	0.010 ppm	10 ppb
Room 41	0.0098 ppm	9.8 ppb

Please refer to the attached laboratory report for specific analytical details.

This report comes with a ½ hour phone consultation should you have any questions. Contact our office to set up an appointment.

Sincerely,

William H. Spates III, CIAQP, CIEC, CRC
President

WHS/dw

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