

October 5, 2020



Ms. Kimberly N. Tisa
PCB Coordinator
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100 (OSRR07-2)
Boston, Massachusetts 02109-3912

Re: 2020 Interior Conditions Assessment – PCBs in Building Materials
Fairfield Ludlowe High School, Fairfield, Connecticut

Dear Ms. Tisa:

This letter has been prepared on behalf of the Fairfield Public Schools to provide a summary of results for the most recent round of indoor monitoring conducted in support of the ongoing assessment of interior conditions with regard to the presence of polychlorinated biphenyl (PCB) containing paints on interior concrete masonry unity (CMU) wall surfaces at the Fairfield Ludlowe High School (FLHS) building located at 785 Unquowa Road in Fairfield, Connecticut.

Background

As required by Condition 1(b) of the United States Environmental Protection Agency's (EPA) December 10, 2015 PCB Cleanup and Disposal Approval under 40 CFR 761.61(c) and 761.79(h) (the Approval) for the building, a Feasibility Study was submitted in December 2017 to assess potential remedial alternatives and select a remedial option to address an underlying, non-accessible ≥ 50 parts per million (ppm) PCB containing interior paint in the 1961/1962 portion of the FLHS. Given that interior paints within the 1950 and 1971/1972 portions of the building have been detected with concentrations of < 50 ppm PCBs and are also subject to 40 CFR 761 and the Connecticut Department of Energy and Environmental Protection's (CTDEEPs) PCB Program, the Feasibility Study included an evaluation and approach for interior paints where PCBs have been detected at concentrations > 1 ppm.

As described in the Feasibility Study, an evaluation of interior conditions was conducted to confirm the conceptual site model and to demonstrate stabilized conditions in the interior environment via indoor air sampling and surface wipe sampling of painted surfaces and higher dermal contact surfaces such as tables and windowsills. Prior to this most recent event, four rounds of indoor air sampling (April 2017, December 2017, June 2018, and June 2019) and two rounds of surface wipe sampling (April 2017 and December 2017) were conducted with all results reported to EPA.

In summary, analytical results from the 37 wipe samples collected from painted surfaces and the nine samples collected from horizontal surfaces reported PCBs as non-detect (< 0.20 ug/100cm²) indicating that PCBs are not available for direct contact transfer from painted surfaces or from surfaces with anticipated higher dermal contact. Based on these results, no further wipe sampling of horizontal surfaces were proposed for future monitoring events.

With regard to the indoor air assessment, discussions with school personnel indicated that collecting indoor air samples over three calendar intervals would represent differing ventilation and seasonal conditions, as this is driven by the individual unit/room ventilation units operated when the rooms are in use/students in session. The three events are represented by:

- Cooler Temperatures – Fall and Spring
- Colder Temperatures – Late Fall/Winter
- Warmer Temperatures – Summer/Early Fall

The results of the three rounds of indoor air sampling indicated all sample results were below EPA's published levels for indoor air in a school environment and/or the site-specific calculated levels for workers in year-round occupied spaces of the building, specific to the subject uses. With regard to seasonal



variations, the average reported PCB concentrations were higher during the warmer temperature sampling event with the exception of the 1971/1972 wings where the average concentration was slightly higher during the winter sampling event.

Based on the results of the three sampling events, and because the Feasibility Study is still under review, it was proposed in the November 2018 submittal to conduct an additional round of indoor air sampling in June 2019 to provide additional monitoring data from the warmer periods of Summer/Early Fall when the average reported PCB concentrations were typically the higher of the three previous sampling events.

Nineteen indoor air samples and one ambient/outdoor air sample were collected on June 20, 2019 from the locations proposed in the November 2018 submittal.

Overall, the results of the June 2019 indoor air sampling supported the conceptual site model and continued to demonstrate a stabilized interior condition with no significant risk to building occupants through potential inhalation pathways (all results well below the applicable exposure level). Specifically, the average reported concentration decreased from 107 ng/m³ in 2018 to 28.3 ng/m³ in 2019 and the highest reported concentration decreased from 365.8 ng/m³ in 2018 to 119 ng/m³ in 2019.

Based on these seasonal rounds of data and the results of the 2019 sampling event, it was proposed to collect annual indoor air samples during the summer months during periods of warmer seasonal conditions.

Indoor Air Sampling Event – August 2020

Nineteen indoor air samples and one ambient/outdoor air sample were collected on August 18, 2020. While the sampling event was planned to be conducted in June to coincide with conditions at the end of the school year (consistent with 2019), due to access restrictions associated with the Covid-19 pandemic the sampling event was rescheduled for August.

Sample locations were selected consistent with the 2019 sampling event to include samples for each building wing on each floor and from spaces with year-round occupancy. As with previous indoor air sampling events, the locations included various dates of construction, types of paint within a space, and spaces which either did or did not formerly contain window caulking containing PCBs \geq 50 ppm (removal of \geq 50 ppm PCB caulking was completed in 2017 and 2018).

Samples were collected over a minimum of six hours in accordance with EPA Compendium Method TO-10A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using Low Volume Polyurethane Foam (PUF) Sampling. Samples were submitted to ConTest Analytical Laboratory for PCB homolog analysis via Gas Chromatographic/Multi-Detector Detection.

Two samples, collected from Room 305 and Room 24, were collected over a period of 282 minutes and 92 minutes, respectively, due to pump failures. A comparison of these results to other results from the other spaces in this group included in the 2020 and 2019 sampling events was conducted to evaluate the representativeness and usability of these two data points. Results of this evaluation indicated that both results (24.3 ng/m³ in Room 305 and 9.8 ng/m³ in Room 24) were within the range of sample results for the 2019 event and that neither were the lowest reported concentration of PCBs from similar spaces included in the 2020 event. Based on this evaluation, the results are considered representative of conditions and useable for this annual monitoring event.

Field observations made during the sampling event and discussions with school personnel indicated that the ventilation system was operating under normal warm weather conditions at the time of the sampling. Room windows and doors were kept shut during the sampling event. Temperature in the rooms during the sampling event were in the 70's and outdoor weather was sunny.

A summary of the analytical results is provided on Table 1 and below.



Overall, the analytical results were compared to the target indoor air levels of 500 to 600 ng/m³ (EPA's published levels for the evaluation of indoor school air for high school age students and age 19+ students and adults) or the site-specific risk-based exposure level of 355 ng/m³ for a limited number of administrative and custodial staff that work year-round at the school (as described in the memorandum entitled "Additional Indoor Air Calculated Exposure Levels" dated May 16, 2018). As shown on Table 1, analytical results from each of the 19 samples were below the applicable exposure level with maximum reported concentrations in each of the three areas of 10.3 ng/m³ (1950 Areas), 19.4 ng/m³ (1971/1972 Areas), and 80.8 ng/m³ (1961/1962 Areas).

As described above, the samples were collected in August to evaluate indoor air conditions during warmer periods when the concentrations of PCBs in indoor air are anticipated to be highest (based on the previous sampling results). Therefore, the following evaluation includes a comparison of the results to the June 2018 and 2019 sampling results to evaluate conditions over time (year to year). A summary of the analytical results for each construction area/type of space is provided below.

- 1950 area (no \geq 50 ppm PCB caulking or paints) – A total of three samples were collected, one from each floor including one sample from within a space with reported year-round occupancy (the main administrative office on the 2nd floor). Analytical results indicated that PCBs were non-detect in one sample and present at concentrations of 8.6 and 10.3 ng/m³ in the other two samples with an average reported concentration of 9.5 ng/m³. These results were consistent with the June 2018 sampling event (total PCBs at concentrations of 7.6, 13.8, and 26.2 ng/m³ [average of 15.9 ng/m³]) and the 2019 sampling event where analytical results ranged from 4.1 to 39.3 ng/m³ with an average reported concentration of 18 ng/m³.
- 1971/1972 area (\geq 50 ppm window caulking, no \geq 50 ppm paint) – Five samples were collected from the east and west side areas of this portion of the FLHS. Analytical results were reported as follows:
 - One sample was collected from a hallway (transitory area) without \geq 50 ppm caulking. Analytical results were reported at a concentration of 19.4 ng/m³. This result is lower than the reported concentration from the June 2018 and June 2019 sampling results where PCBs were reported at concentrations of 106 ng/m³ and 46 ng/m³, respectively.
 - Four samples were collected from spaces that had caulking abated in either 2017 or 2018 including one sample from Room 247 which is reported to have year-round occupancy. Analytical results from these samples reported PCBs as non-detect in one sample and at concentrations of 7.8, 8.3, and 10.6 ng/m³. These results were generally lower than the June 2018 sampling event (total PCBs ranging from 1.5 to 15.5 ng/m³) and the 2019 event where results ranged from 7 to 108.3 ng/m³ with an average of 34.8 ng/m³ (compared to the 2020 average of 6.7 ng/m³).
- 1961/1962 area (former \geq 50 ppm window caulking and \geq 50 ppm paint in select areas) – Eleven samples were collected from these portions of the FLHS building. Analytical results were reported as follows:
 - One sample was collected from spaces that did not contain \geq 50 ppm paint or \geq 50 ppm caulking. Analytical results from this sample reported PCBs at a concentration of 9.4 ng/m³, consistent with the June 2018 and June 2019 sampling event when PCBs were reported at concentrations of 8.0 ng/m³ and 14.6 ng/m³, respectively.
 - Five samples were collected from spaces that did not contain \geq 50 ppm paint but did have \geq 50 ppm caulking that was abated in 2017 or 2018. Analytical results from these samples reported PCBs at concentrations ranging from 8.8 to 67.5 ng/m³. These results were lower than the results from samples collected in June 2018 where PCBs were reported at concentrations ranging from 24.5 to 365.8 ng/m³. The results from the 2020 event are



consistent with the results from June of 2019 where PCBs were reported at concentrations range from 9 to 46 ng/m³.

- Five samples were collected from spaces that did contain ≥ 50 ppm paint and did have ≥ 50 ppm caulking that was abated in either 2017 or 2018. Analytical results from these samples reported PCBs concentrations ranging from 23.6 to 80.8 ng/m³ with an average reported concentration of 53.0 ng/m³. Overall, these results are lower than the results from these spaces associated with the 2018 sampling event where PCBs were reported at concentrations ranging from 22 to 215 ng/m³. The results from the 2020 sampling event are consistent with those reported in the seven samples collected from these spaces in 2019. Analytical results from that sampling event reported PCBs as non-detect in one sample and at concentrations ranging from 7 to 119 ng/m³ with an average reported concentration of 53.5 ng/m³.

A graphical representation of the indoor air sampling results from each of the three construction areas over the three sampling events is presented in Attachment A for comparison purposes.

The locations of the indoor air samples are presented on the floor plans provided in Attachment B and the complete analytical laboratory report is provided in Attachment C.

Conclusions and Next Steps

Overall, the results of the June 2020 indoor air sampling support the conceptual site model and continue to demonstrate a stabilized interior condition with no significant risk to building occupants through potential inhalation pathways (all results well below the applicable exposure level). Analytical results from the indoor air samples collected reported PCBs at concentrations consistent with (or slightly lower than) the results from the 2018 and 2019 sampling events.

As such and given the Feasibility Study is still under review, it is proposed to continue with annual indoor air sampling during one event, to be conducted in June 2021. Consistent with the 2020 event and past results, no additional surface wipe sampling from interior surfaces is proposed. The indoor air locations will be selected consistent with previous events to include a minimum of one sample per floor for each building wing including samples from spaces with year-round occupancy. Following completion of the 2021 event, the results will be documented in a report and submitted to EPA. This report will include a recommendation for any additional monitoring activities.

If you have any comments, questions, or require further information, please do not hesitate to e-mail or call me at the number listed above.

Sincerely,

WOODARD & CURRAN INC.

George J. Franklin, CHMM
Project Manager

Jeffrey A. Hamel, LSP, LEP
Senior Principal

cc: Gary Trombly, CTDEEP
Sal Morabito, Fairfield Public Schools

Enclosures: Table 1 – Summary of Indoor Air Sampling Locations and Total PCB Results
Attachment A – Graphical Presentation of Indoor Air Sampling Results
Attachment B – Floor Plans and Sample Locations
Attachment C – Analytical Laboratory Reports



Table 1

Table 1
Summary of Indoor Air Sampling Results
Fairfield Ludlowe High School

Building Wing	Area Grouping	Rooms	Applicable Indoor Air Exposure Level	June 2018 Sample Results (ng/m ³)	June 2019 Sample Locations				August 2020 Sample Locations			
					Location	Sample ID	Sample Date	Total PCBs (ng/m ³)	Location	Sample ID	Sample Date	Total PCBs (ng/m ³)
1950 Area	Administrative Areas (year round occupancy)	Admin Suite, Guidance Suite, PPT Suite, Media Area, House Offices, Custodian Spaces	355 ng/m ³ based on year round occupancy in Main Office (Room 282), Rooms 266/266A, and Room 285D	1 sample; 7.6 ng/m ³	Main Office Room 282 - 2nd Floor	FLHS-IAS-1008	6/20/2019	4.1	Main Office	FLHS-IAS-009	8/18/2020	Non-Detect
					Custodian Workroom - 1st Floor	FLHS-IAS-1000	6/20/2019	10.6				
	Classrooms and Laboratories	1st Floor - Room 129, 127 2nd Floor - Wright Guidance Office, Room 221 3rd Floor - Rooms 315, 316, 324, 356, 357, 358, 359, 360	600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	2 samples; 13.8 and 26.2 ng/m ³	Room 315 - 3rd Floor Classroom	FLHS-IAS-1014	6/20/2019	39.3	Room 359	FLHS-IAS-017	8/18/2020	8.6
1971-1972 Area (no > 50 ppm paint present)	Areas without former > 50 ppm Window Caulking	Transitory Spaces (gymnasium, hallways) and Rooms 150, 151, 152, 153	600 ng/m ³ - 15 to 19 yr old students 500 ng/m ³ - students 19+ and adults	1 sample; 106 ng/m ³	East Wing; East Side Hallway - 1st Floor	FLHS-IAS-1003	6/20/2019	46	1st Floor 70's Hallway	FLHS-IAS-005	8/18/2020	19.4
	Classrooms with former > 50 ppm Window Caulking (Note 1)	Lower Level - Rooms 002, 004 1st Floor - Rooms 145, 146, 147, 148, 149 2nd Floor - Rooms 243, 244, 249, 250, 251, 252, 253, 254, 255, 256, 257, 262 3rd Floor Rooms - 343, 344, 345, 347, 349, 373, 375	600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	3 samples; 1.4 to 15.5 ng/m ³	East Wing; Room 002 - Lower Level	FLHS-IAS-1005	6/20/2019	15.4	Room 149	FLHS-IAS-001	8/18/2020	Non-Detect
					West Wing; Room 146 - 1st Floor	FLHS-IAS-1020	6/20/2019	8.5	Room 253	FLHS-IAS-012	8/18/2020	7.8
					West Wing; Room 347 - 3rd Floor	FLHS-IAS-1018	6/20/2019	108.3	Room 373	FLHS-IAS-016	8/18/2020	8.3
Administrative and Support Rooms with former > 50 ppm Window Caulking (Note 1) (year round occupancy in some spaces)	1st Floor - Rooms 142, 142A 2nd Floor - 245 Suite, Room 246, 247 Suite, Room 248 3rd Floor Rooms - 342 Suite	Rooms 247D and 342C - 355 ng/m ³ (yr. round occupancy) Other Spaces - 600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	1 sample; 15 ng/m ³	West Wing; Room 247 Suite - 2nd Floor	FLHS-IAS-1011	6/20/2019	7	Room 342	FLHS-IAS-015	8/18/2020	10.6	
1961-1962 Areas	Areas without Pale Green Paint or former > 50 ppm Window Caulking (year round occupancy in some spaces)	Transitory Spaces (cafeteria, gymnasium, hallways) and Rooms without > 50 ppm paint or > 50 ppm caulking in some spaces	Room 123 (PE Director Office) - 355 ng/m ³ (yr. round occupancy) Other Spaces - 600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	1 sample; 8.0 ng/m ³	East Wing; Room 125 - 1st Floor	FLHS-IAS-1002	6/20/2019	14.6	Cafeteria	FLHS-IAS-002	8/18/2020	9.4
	Rooms without Pale Green Paint and Containing former > 50 ppm Window Caulking (Note 1)	Lower Level - Rooms 015, 024, 030 1st Floor - Room 121, 122, 125, 126, 130, 133, Office Space, Kitchen Area 2nd Floor - Rooms 201, 202, 203, 204, 234, 235, 236, 237 3rd Floor - Rooms 301, 302, 328, 329, 331, 333, 368, 369, 370, Office Suite 338	600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	3 samples; 24.5, 74, and 365.8 ng/m ³	East Wing; Room 015 - Lower Level	FLHS-IAS-1006	6/20/2019	15.2	Room 121	FLHS-IAS-004	8/18/2020	8.8
					West Wing; Kitchen Area - 1st Floor	FLHS-IAS-1001	6/20/2019	13.2	Room 202	FLHS-IAS-008	8/18/2020	67.5
					West Wing; Room 234 - 2nd Floor	FLHS-IAS-1010	6/20/2019	9	Room 235	FLHS-IAS-010	8/18/2020	44.5
					East Wing; Room 368 Offices - 3rd Floor	FLHS-IAS-1012	6/20/2019	46	Room 328	FLHS-IAS-014	8/18/2020	23.9
					West Wing; Room 333 - 3rd Floor	FLHS-IAS-1015	6/20/2019	13	Room 024	FLHS-IAS-019	8/18/2020	9.8
	Rooms with Pale Green Paint and Containing former > 50 ppm Window Caulking (Note 1)	1st Floor - Room 115 and adjacent Storage 2nd Floor - Rooms 205, 211, 213, 214, 215, 220, 223, 224, 225, 226, 227, 228, 230, 232, 233, and Nurses Suite 3rd Floor - Rooms 303, 304, 305, 306, 312, 313, 314, 317, 318, 319, 320, 321, 322, 324, 325, 326, 327	600 ng/m ³ - 15 to 19 yr. old students 500 ng/m ³ - students 19+ and adults	7 samples; 22 ng/m ³ to 215 ng/m ³	East Wing; Room 115 - 1st Floor	FLHS-IAS-1004	6/20/2019	7	Room 115	FLHS-IAS-006	8/18/2020	23.6
					West Wing; Room 227 Classroom - 2nd Floor	FLHS-IAS-1009	6/20/2019	32	Room 214	FLHS-IAS-007	8/18/2020	79.6
					East Wing; Room 213 Chemistry Lab - 2nd Floor	FLHS-IAS-1007	6/20/2019	56	Room 233	FLHS-IAS-011	8/18/2020	56.5
					West Wing; Room 324 Classroom - 3rd Floor	FLHS-IAS-1017	6/20/2019	119	Room 319	FLHS-IAS-013	8/18/2020	80.8
East Wing; Room 303 - 3rd Floor					FLHS-IAS-1013	6/20/2019	ND (< 5.0)	Room 305	FLHS-IAS-018	8/18/2020	24.3	
Ambient/ Outside	N/A	N/A	Not Applicable - Ambient	3 samples; non-detect (<4.7 and <5.3 ng/m ³) and 3.4 ng/m ³	Western Courtyard	FLHS-IAS-1019	6/20/2019	ND (<5.0)	Ambient	FLHS-IAS-020	8/18/2020	Non-Detect

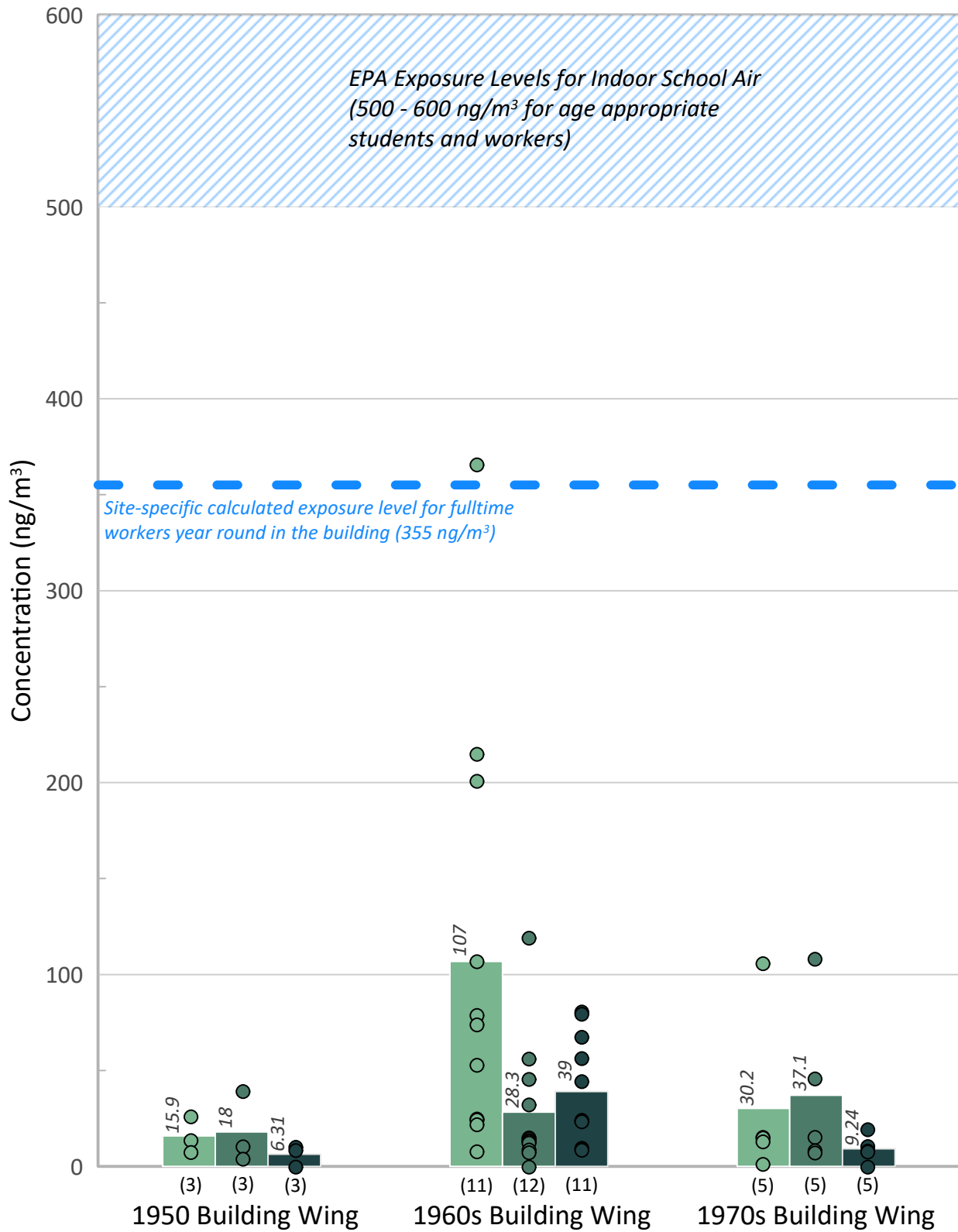
Notes:

- All > 50 ppm caulking was removed during the 2017 and 2018 window replacement/abatement activities. Air samples to be collected in accordance with USEPA Compendium Method TO-10A over a minimum of 6 hours and submitted to the laboratory for PCB homolog analysis. Total PCB concentration is the total PCB homologs reported by the laboratory (ng/cartridge) corrected for the sample volume.



ATTACHMENT A: GRAPHICAL REPRESENTATION OF PREVIOUS INDOOR AIR SAMPLING RESULTS

PCBs in Indoor Air - FLHS



Sample Date

- June 2018
- June 2019
- August 2020

- Individual indoor air concentration (ng/m³) recorded during monitoring
- 13.2 - Avg. Indoor Air Concentration (ng/m³)

Notes:

1. Total number of samples collected during each event in each building wing are listed in parentheses below the chart.
2. Future monitoring events will be conducted annually in June.



ATTACHMENT B: FLOOR PLANS AND SAMPLE LOCATIONS

FLHS-IAS-015

FLHS-IAS-016

FLHS-IAS-014

FLHS-IAS-017

FLHS-IAS-018

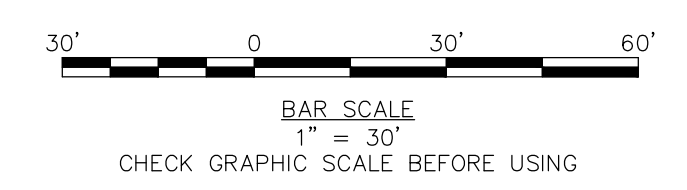
FLHS-IAS-013

NOTES

- HIGH FREQUENCY SPACES INCLUDE CLASSROOMS, LABORATORIES, OFFICE/ADMINISTRATIVE SPACES, WHICH ARE OCCUPIED ON AN ALMOST CONTINUOUS BASIS DURING A TYPICAL SCHOOL DAY.
- SPACES IDENTIFIED AS CONTAINING PALE GREEN PAINT BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THE 1961-62 AREAS.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1960'S AND 1970'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATION IN THOSE SPACES (E.G. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1950'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THOSE SPACES (E.G. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.

LEGEND

- 1950 CONSTRUCTION
- 1961-62 CONSTRUCTION
- 1971-72 CONSTRUCTION
- 2005 CONSTRUCTION
- EDGE OF BUILDING
- LOCATION OF PALE GREEN PAINT OBSERVED BENEATH OUTER PAINT LAYERS
- INDOOR AIR SAMPLE LOCATION - JUNE 2020
- SPACES WITH GREATER THAN OR EQUAL TO 50 PPM PCB PALE GREEN PAINT (1960'S)
- HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1960'S AND 1970'S)
- HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1950'S)
- EXTERIOR COURTYARD AREA



THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

40 Shattuck Road, Suite 110
Andover, Massachusetts 01810
866.702.6371 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV.	DESCRIPTION	DATE

DESIGNED BY: G.J.F.
CHECKED BY: G.J.F.
DRAWN BY: MRM
228875 OCT 2018_JAIRIE.dwg

THIRD LEVEL FLOOR PLAN

FAIRFIELD PUBLIC SCHOOLS
LUDLOWE HIGH SCHOOL

INDOOR AIR SAMPLING LOCATIONS
- JUNE 2020

JOB NO.: 228875.02
DATE: OCTOBER 2018
SCALE: 1" = 30'
SHEET: 1 OF 1

FIGURE 1

A

B

C

D

A

B

C

D

FLHS-IAS-012

FLHS-IAS-008

FLHS-IAS-009

FLHS-IAS-010

FLHS-IAS-011

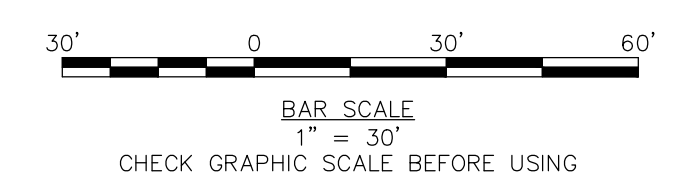
FLHS-IAS-007

NOTES

- HIGH FREQUENCY SPACES INCLUDE CLASSROOMS, LABORATORIES, OFFICE/ADMINISTRATIVE SPACES, WHICH ARE OCCUPIED ON AN ALMOST CONTINUOUS BASIS DURING A TYPICAL SCHOOL DAY.
- SPACES IDENTIFIED AS CONTAINING PALE GREEN PAINT BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THE 1961-62 AREAS.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1960'S AND 1970'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATION IN THOSE SPACES (e.g. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1950'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THOSE SPACES (e.g. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.

LEGEND

- 1950 CONSTRUCTION
- 1961-62 CONSTRUCTION
- 1971-72 CONSTRUCTION
- 2005 CONSTRUCTION
- EDGE OF BUILDING
- LOCATION OF PALE GREEN PAINT OBSERVED BENEATH OUTER PAINT LAYERS
- INDOOR AIR SAMPLE LOCATION - JUNE 2020
- SPACES WITH GREATER THAN OR EQUAL TO 50 PPM PCB PALE GREEN PAINT (1960'S)
- HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1960'S AND 1970'S)
- HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1950'S)
- EXTERIOR COURTYARD AREA



THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

40 Shattuck Road, Suite 110
Andover, Massachusetts 01810
866.702.6371 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV.	DESCRIPTION	DATE

DESIGNED BY: G.J.F.
CHECKED BY: G.J.F.
DRAWN BY: MRM
228875 OCT 2018_FAIRFIELD.dwg

SECOND LEVEL FLOOR PLAN

FAIRFIELD PUBLIC SCHOOLS
LUDLOWE HIGH SCHOOL

INDOOR AIR SAMPLING LOCATIONS
- JUNE 2020

JOB NO.: 228875.02
DATE: OCTOBER 2018
SCALE: 1" = 30'
SHEET: 1 OF 1

FIGURE 2

NOTES

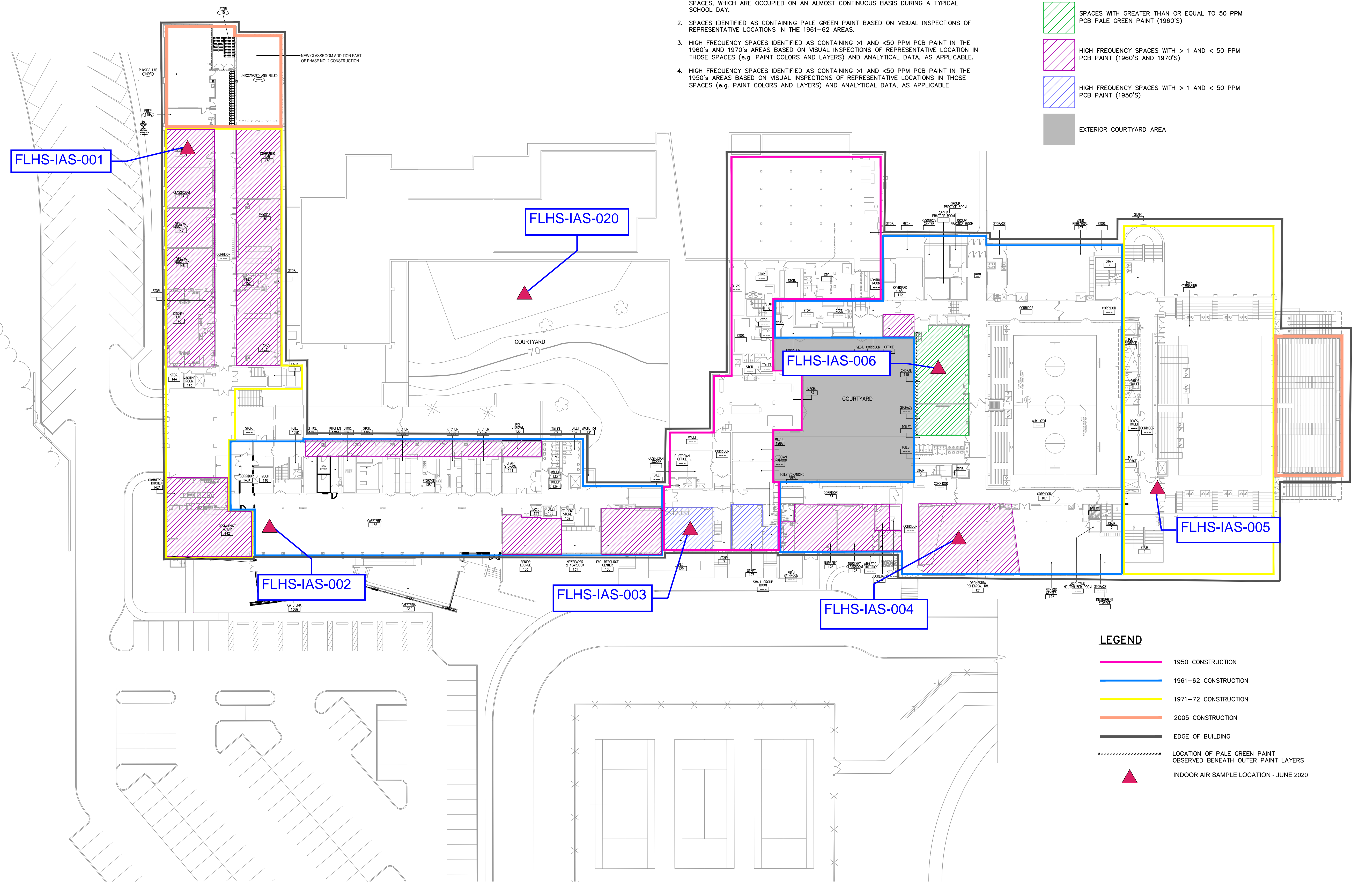
- 1. HIGH FREQUENCY SPACES INCLUDE CLASSROOMS, LABORATORIES, OFFICE/ADMINISTRATIVE SPACES, WHICH ARE OCCUPIED ON AN ALMOST CONTINUOUS BASIS DURING A TYPICAL SCHOOL DAY.
- 2. SPACES IDENTIFIED AS CONTAINING PALE GREEN PAINT BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THE 1961-62 AREAS.
- 3. HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1960'S AND 1970'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATION IN THOSE SPACES (E.G. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.
- 4. HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1950'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THOSE SPACES (E.G. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.

SPACES WITH GREATER THAN OR EQUAL TO 50 PPM PCB PALE GREEN PAINT (1960'S)

HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1960'S AND 1970'S)

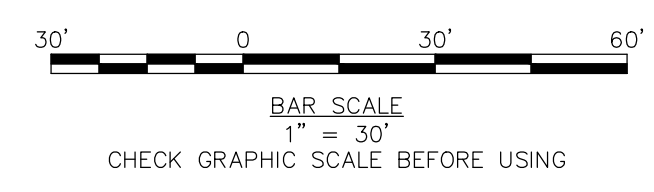
HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1950'S)

EXTERIOR COURTYARD AREA



LEGEND

- 1950 CONSTRUCTION
- 1961-62 CONSTRUCTION
- 1971-72 CONSTRUCTION
- 2005 CONSTRUCTION
- EDGE OF BUILDING
- LOCATION OF PALE GREEN PAINT OBSERVED BENEATH OUTER PAINT LAYERS
- INDOOR AIR SAMPLE LOCATION - JUNE 2020



THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

40 Shattuck Road, Suite 110
Andover, Massachusetts 01810
866.702.6371 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV.	DESCRIPTION	DATE

DESIGNED BY: G.J.F.
CHECKED BY: G.J.F.
DRAWN BY: P.F.
228875 OCT 2018 JARRIE.dwg

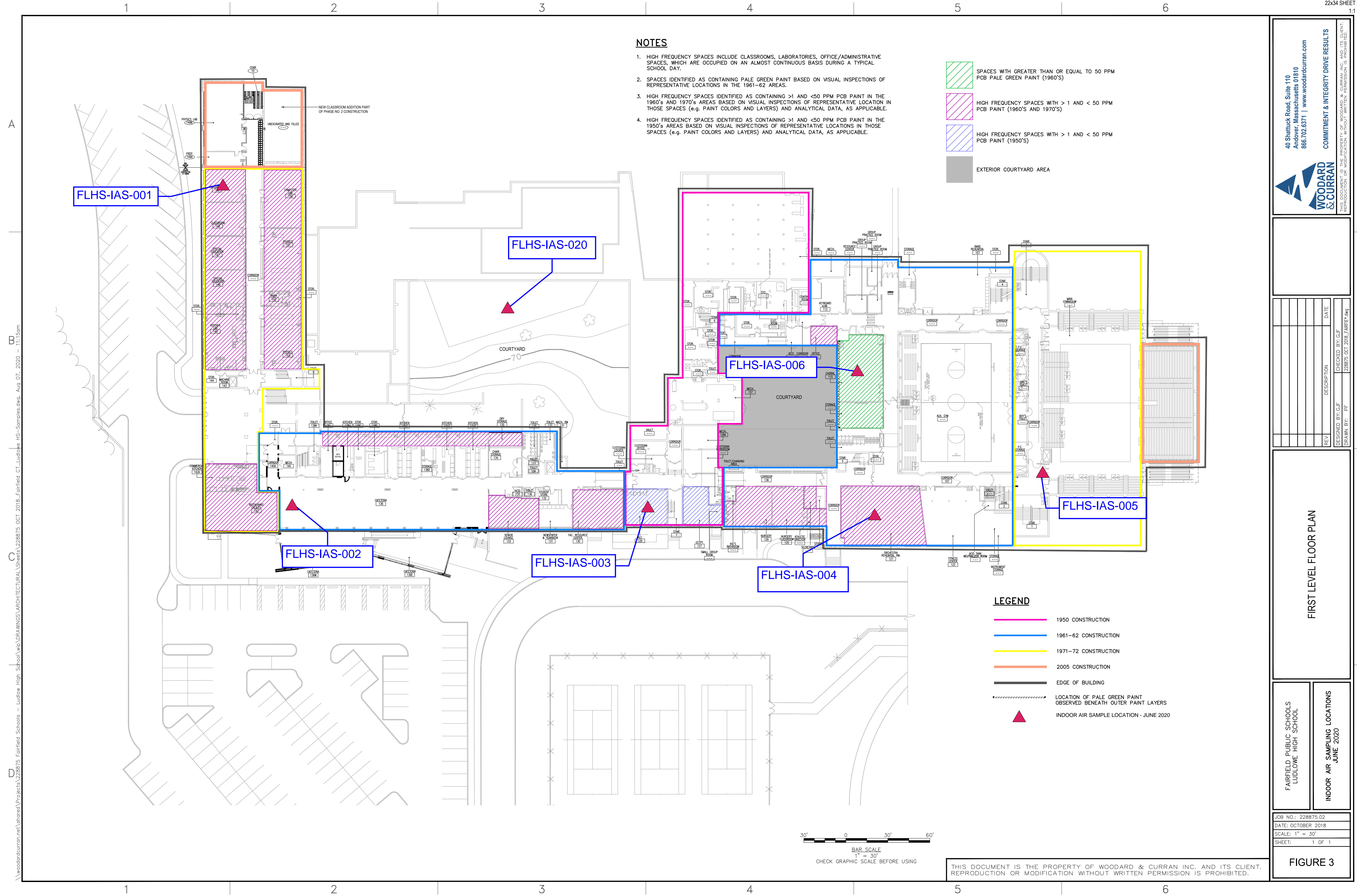
FIRST LEVEL FLOOR PLAN

FAIRFIELD PUBLIC SCHOOLS
LUDLOW HIGH SCHOOL

INDOOR AIR SAMPLING LOCATIONS
JUNE 2020

JOB NO.: 228875.02
DATE: OCTOBER 2018
SCALE: 1" = 30'
SHEET: 1 OF 1

FIGURE 3



A

B

C

D

1

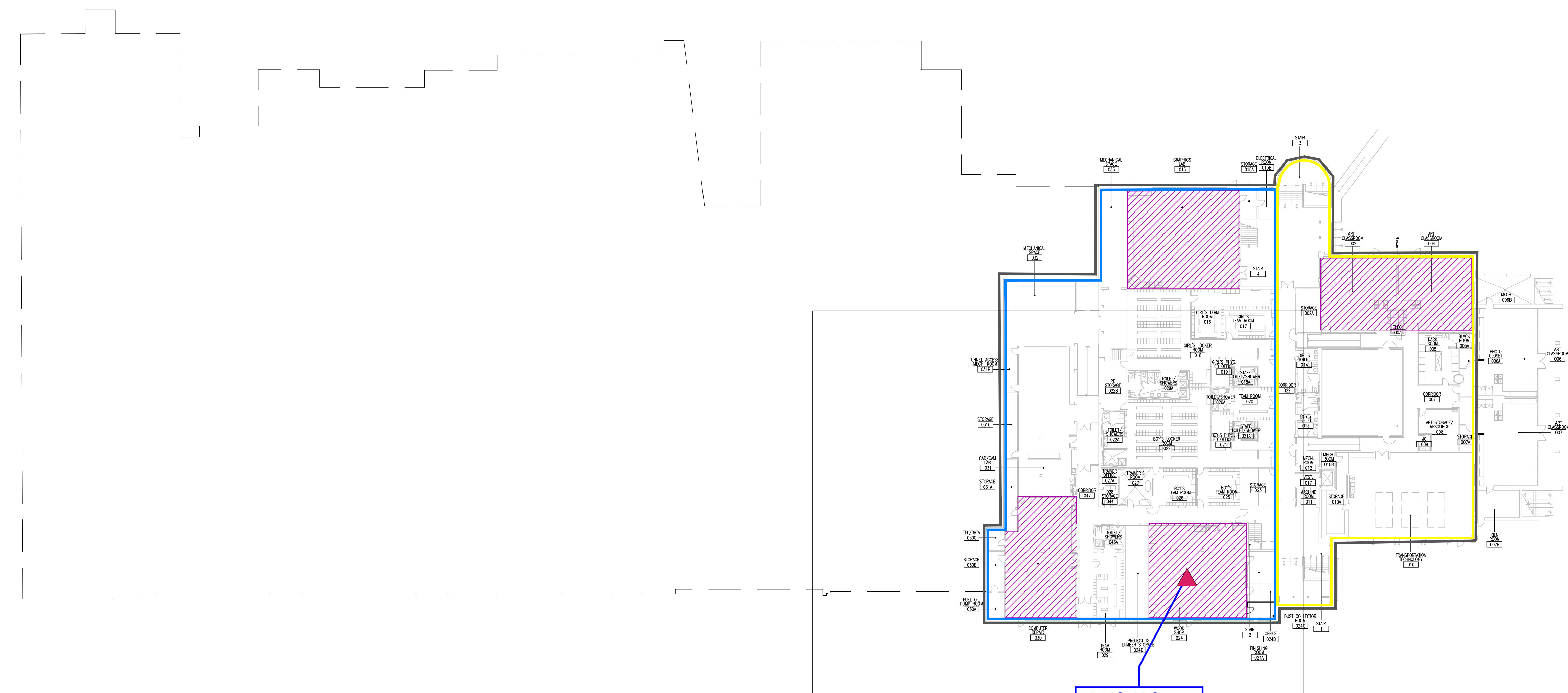
2

3

4

5

6

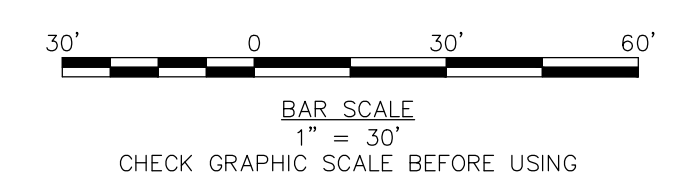


NOTES

- HIGH FREQUENCY SPACES INCLUDE CLASSROOMS, LABORATORIES, OFFICE/ADMINISTRATIVE SPACES, WHICH ARE OCCUPIED ON AN ALMOST CONTINUOUS BASIS DURING A TYPICAL SCHOOL DAY.
- SPACES IDENTIFIED AS CONTAINING PALE GREEN PAINT BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THE 1961-62 AREAS.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1960'S AND 1970'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATION IN THOSE SPACES (e.g. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.
- HIGH FREQUENCY SPACES IDENTIFIED AS CONTAINING >1 AND <50 PPM PCB PAINT IN THE 1950'S AREAS BASED ON VISUAL INSPECTIONS OF REPRESENTATIVE LOCATIONS IN THOSE SPACES (e.g. PAINT COLORS AND LAYERS) AND ANALYTICAL DATA, AS APPLICABLE.

LEGEND

- 1961-62 CONSTRUCTION
- 1971-72 CONSTRUCTION
- EDGE OF BUILDING
- ▲ INDOOR AIR SAMPLE LOCATION - JUNE 2020
- HIGH FREQUENCY SPACES WITH > 1 AND < 50 PPM PCB PAINT (1960'S AND 1970'S)



40 Shattuck Road, Suite 110
Andover, Massachusetts 01810
866.702.6371 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REVISION	DESCRIPTION	DATE

DESIGNED BY: GJF
CHECKED BY: GJF
DRAWN BY: MRM
228875 OCT 2018_FAIRFIELD

LOWER LEVEL FLOOR PLAN

FAIRFIELD PUBLIC SCHOOLS
LUDLOW HIGH SCHOOL

INDOOR AIR SAMPLING LOCATIONS
JUNE 2020

JOB NO.: 228875.02
DATE: OCTOBER 2018
SCALE: 1" = 30'
SHEET: 1 OF 1

FIGURE 4

1

2

3

4

5

6

\\woodardcurran.net\shared\Projects\Fairfield_Schools - Ludlow_High_School\wp\DRAWINGS\ARCHITECTURAL\Sheets\228875_OCT 2018_Fairfield_CT_Ludlow_HS-Samples.dwg, Aug 07, 2020 - 11:15am



ATTACHMENT C: ANALYTICAL LABORATORY REPORTS

August 31, 2020

George Franklin
Woodard & Curran - CT
213 Court Street., 4th Floor
Middletown, CT 06457

Project Location: Fairfield, CT
Client Job Number:
Project Number: 228875
Laboratory Work Order Number: 20H1022

Enclosed are results of analyses for samples received by the laboratory on August 19, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive style with a large, flowing "y" at the end.

Meghan E. Kelley
Project Manager

Table of Contents

Sample Summary	3
Case Narrative	4
Sample Results	5
Sample Preparation Information	25
QC Data	26
PCB Homologues by GC/MS with Soxhlet Extraction	26
B265081	26
Flag/Qualifier Summary	27
Internal standard Area & RT Summary	28
Continuing Calibration Check	30
Certifications	31
Chain of Custody/Sample Receipt	32

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - CT
 213 Court Street., 4th Floor
 Middletown, CT 06457
 ATTN: George Franklin

REPORT DATE: 8/31/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 228875

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20H1022

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Fairfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FLHS-IAS-01	20H1022-01	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-02	20H1022-02	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-03	20H1022-03	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-04	20H1022-04	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-05	20H1022-05	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-06	20H1022-06	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-07	20H1022-07	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-08	20H1022-08	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-09	20H1022-09	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-10	20H1022-10	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-11	20H1022-11	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-12	20H1022-12	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-13	20H1022-13	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-14	20H1022-14	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-15	20H1022-15	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-16	20H1022-16	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-17	20H1022-17	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-18	20H1022-18	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-19	20H1022-19	Indoor air		TO-10A/EPA 680 Modified	
FLHS-IAS-20	20H1022-20	Indoor air		TO-10A/EPA 680 Modified	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

TO-10A/EPA 680 Modified**Qualifications:****B**

Analyte is found in the associated laboratory blank as well as in the sample.

Analyte & Samples(s) Qualified:**Dichlorobiphenyls**

20H1022-08[FLHS-IAS-08], 20H1022-13[FLHS-IAS-13], B265081-BS1, B265081-BSD1

Total Polychlorinated biphenyls

20H1022-02[FLHS-IAS-02], 20H1022-03[FLHS-IAS-03], 20H1022-04[FLHS-IAS-04], 20H1022-05[FLHS-IAS-05], 20H1022-06[FLHS-IAS-06], 20H1022-07[FLHS-IAS-07], 20H1022-08[FLHS-IAS-08], 20H1022-10[FLHS-IAS-10], 20H1022-11[FLHS-IAS-11], 20H1022-12[FLHS-IAS-12], 20H1022-13[FLHS-IAS-13], 20H1022-14[FLHS-IAS-14], 20H1022-15[FLHS-IAS-15], 20H1022-16[FLHS-IAS-16], 20H1022-17[FLHS-IAS-17], 20H1022-18[FLHS-IAS-18], 20H1022-19[FLHS-IAS-19]

B-05

Data is not affected by elevated level in laboratory blank since sample(s) result is "Not Detected".

Analyte & Samples(s) Qualified:**Dichlorobiphenyls**

20H1022-01[FLHS-IAS-01], 20H1022-02[FLHS-IAS-02], 20H1022-03[FLHS-IAS-03], 20H1022-04[FLHS-IAS-04], 20H1022-05[FLHS-IAS-05], 20H1022-06[FLHS-IAS-06], 20H1022-07[FLHS-IAS-07], 20H1022-09[FLHS-IAS-09], 20H1022-10[FLHS-IAS-10], 20H1022-11[FLHS-IAS-11], 20H1022-12[FLHS-IAS-12], 20H1022-14[FLHS-IAS-14], 20H1022-15[FLHS-IAS-15], 20H1022-16[FLHS-IAS-16], 20H1022-17[FLHS-IAS-17], 20H1022-18[FLHS-IAS-18], 20H1022-19[FLHS-IAS-19], 20H1022-20[FLHS-IAS-20]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-01
Sample ID: 20H1022-01
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 13:32

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 918

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	12:00	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	12:00	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:00	CLA
Tetrachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:00	CLA
Pentachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:00	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:00	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	12:00	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	12:00	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/27/20	12:00	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/27/20	12:00	CLA
Total Polychlorinated biphenyls	0.0			0		1	8/27/20	12:00	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	86.5	50-125	8/27/20 12:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-02
Sample ID: 20H1022-02
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 13:45

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 904.3

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	12:38	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	12:38	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:38	CLA
Tetrachlorobiphenyls	0.0038	0.0020		0.0042	0.0022	1	8/27/20	12:38	CLA
Pentachlorobiphenyls	0.0044	0.0020		0.0049	0.0022	1	8/27/20	12:38	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	12:38	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	12:38	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	12:38	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/27/20	12:38	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/27/20	12:38	CLA
Total Polychlorinated biphenyls	0.0082		B	0.0091		1	8/27/20	12:38	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	85.7	50-125	8/27/20 12:38

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-03
Sample ID: 20H1022-03
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 13:59

Sample Description/Location:
 Sub Description/Location:

Work Order: 20H1022

Flow Controller ID:
 Sample Type:
 Air Volume L: 972

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.001	1	8/27/20	13:15	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.001	1	8/27/20	13:15	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0021	1	8/27/20	13:15	CLA
Tetrachlorobiphenyls	0.0055	0.0020		0.0057	0.0021	1	8/27/20	13:15	CLA
Pentachlorobiphenyls	0.0042	0.0020		0.0043	0.0021	1	8/27/20	13:15	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0021	1	8/27/20	13:15	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0031	1	8/27/20	13:15	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0031	1	8/27/20	13:15	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0051	1	8/27/20	13:15	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0051	1	8/27/20	13:15	CLA
Total Polychlorinated biphenyls	0.0097		B	0.01		1	8/27/20	13:15	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	82.7	50-125	8/27/20 13:15

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-04
Sample ID: 20H1022-04
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:05

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 918

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	13:53	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	13:53	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	13:53	CLA
Tetrachlorobiphenyls	0.0032	0.0020		0.0034	0.0022	1	8/27/20	13:53	CLA
Pentachlorobiphenyls	0.0046	0.0020		0.005	0.0022	1	8/27/20	13:53	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	13:53	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	13:53	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	13:53	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/27/20	13:53	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/27/20	13:53	CLA
Total Polychlorinated biphenyls	0.0078		B	0.0085		1	8/27/20	13:53	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	77.7	50-125	8/27/20 13:53

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-05
Sample ID: 20H1022-05
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:07

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 906.5

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	14:30	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	14:30	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	14:30	CLA
Tetrachlorobiphenyls	0.0070	0.0020		0.0077	0.0022	1	8/27/20	14:30	CLA
Pentachlorobiphenyls	0.010	0.0020		0.011	0.0022	1	8/27/20	14:30	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	14:30	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	14:30	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	14:30	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/27/20	14:30	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/27/20	14:30	CLA
Total Polychlorinated biphenyls	0.017		B	0.019		1	8/27/20	14:30	CLA
Surrogates	% Recovery			% REC Limits					
Tetrachloro-m-xylene	90.6			50-125			8/27/20	14:30	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-06
Sample ID: 20H1022-06
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:14

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 918.7

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	15:07	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	15:07	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	15:07	CLA
Tetrachlorobiphenyls	0.0084	0.0020		0.0092	0.0022	1	8/27/20	15:07	CLA
Pentachlorobiphenyls	0.013	0.0020		0.014	0.0022	1	8/27/20	15:07	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	15:07	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	15:07	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	15:07	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/27/20	15:07	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/27/20	15:07	CLA
Total Polychlorinated biphenyls	0.021		B	0.023		1	8/27/20	15:07	CLA
Surrogates	% Recovery			% REC Limits					
Tetrachloro-m-xylene	84.6			50-125			8/27/20	15:07	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-07
Sample ID: 20H1022-07
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:27

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 908.5

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	15:44	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	15:44	CLA
Trichlorobiphenyls	0.0021	0.0020		0.0023	0.0022	1	8/27/20	15:44	CLA
Tetrachlorobiphenyls	0.021	0.0020		0.023	0.0022	1	8/27/20	15:44	CLA
Pentachlorobiphenyls	0.045	0.0020		0.049	0.0022	1	8/27/20	15:44	CLA
Hexachlorobiphenyls	0.0028	0.0020		0.0031	0.0022	1	8/27/20	15:44	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	15:44	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	15:44	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/27/20	15:44	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/27/20	15:44	CLA
Total Polychlorinated biphenyls	0.070		B	0.077		1	8/27/20	15:44	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	86.0	50-125	8/27/20 15:44

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-08
Sample ID: 20H1022-08
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:31

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 919.3

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	0.0021	0.0010		0.0023	0.0011	1	8/27/20 16:22	CLA
Dichlorobiphenyls	0.0020	0.0010	B	0.0022	0.0011	1	8/27/20 16:22	CLA
Trichlorobiphenyls	0.0088	0.0020		0.0095	0.0022	1	8/27/20 16:22	CLA
Tetrachlorobiphenyls	0.012	0.0020		0.013	0.0022	1	8/27/20 16:22	CLA
Pentachlorobiphenyls	0.019	0.0020		0.020	0.0022	1	8/27/20 16:22	CLA
Hexachlorobiphenyls	0.016	0.0020		0.018	0.0022	1	8/27/20 16:22	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20 16:22	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20 16:22	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/27/20 16:22	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/27/20 16:22	CLA
Total Polychlorinated biphenyls	0.060		B	0.065		1	8/27/20 16:22	CLA

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	86.7	50-125	8/27/20 16:22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-09
Sample ID: 20H1022-09
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:40

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 914.6

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20 17:00	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20 17:00	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20 17:00	CLA
Tetrachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20 17:00	CLA
Pentachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20 17:00	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20 17:00	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20 17:00	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20 17:00	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/27/20 17:00	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/27/20 17:00	CLA
Total Polychlorinated biphenyls	0.0			0		1	8/27/20 17:00	CLA

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	84.0	50-125	8/27/20 17:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-10
Sample ID: 20H1022-10
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:45

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 903.1

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/27/20	17:37	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/27/20	17:37	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	17:37	CLA
Tetrachlorobiphenyls	0.017	0.0020		0.019	0.0022	1	8/27/20	17:37	CLA
Pentachlorobiphenyls	0.021	0.0020		0.023	0.0022	1	8/27/20	17:37	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/27/20	17:37	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	17:37	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/27/20	17:37	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/27/20	17:37	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/27/20	17:37	CLA
Total Polychlorinated biphenyls	0.039		B	0.043		1	8/27/20	17:37	CLA

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	91.3		50-125		8/27/20 17:37

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-11
Sample ID: 20H1022-11
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:51

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 929.9

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20	9:02	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20	9:02	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	9:02	CLA
Tetrachlorobiphenyls	0.019	0.0020		0.021	0.0022	1	8/28/20	9:02	CLA
Pentachlorobiphenyls	0.027	0.0020		0.029	0.0022	1	8/28/20	9:02	CLA
Hexachlorobiphenyls	0.0044	0.0020		0.0047	0.0022	1	8/28/20	9:02	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0032	1	8/28/20	9:02	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0032	1	8/28/20	9:02	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/28/20	9:02	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/28/20	9:02	CLA
Total Polychlorinated biphenyls	0.051		B	0.055		1	8/28/20	9:02	CLA

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	94.1		50-125		8/28/20 9:02

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-12
Sample ID: 20H1022-12
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 14:56

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 921.1

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20	9:40	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20	9:40	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	9:40	CLA
Tetrachlorobiphenyls	0.0038	0.0020		0.0042	0.0022	1	8/28/20	9:40	CLA
Pentachlorobiphenyls	0.0031	0.0020		0.0034	0.0022	1	8/28/20	9:40	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	9:40	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	9:40	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	9:40	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/28/20	9:40	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/28/20	9:40	CLA
Total Polychlorinated biphenyls	0.0070		B	0.0075		1	8/28/20	9:40	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	96.9	50-125	8/28/20 9:40

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-13
Sample ID: 20H1022-13
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 15:06

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 907.0

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20 10:17	CLA
Dichlorobiphenyls	0.0028	0.0010	B	0.003	0.0011	1	8/28/20 10:17	CLA
Trichlorobiphenyls	0.0031	0.0020		0.0034	0.0022	1	8/28/20 10:17	CLA
Tetrachlorobiphenyls	0.028	0.0020		0.030	0.0022	1	8/28/20 10:17	CLA
Pentachlorobiphenyls	0.035	0.0020		0.039	0.0022	1	8/28/20 10:17	CLA
Hexachlorobiphenyls	0.0022	0.0020		0.0025	0.0022	1	8/28/20 10:17	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 10:17	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 10:17	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/28/20 10:17	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/28/20 10:17	CLA
Total Polychlorinated biphenyls	0.071		B	0.078		1	8/28/20 10:17	CLA

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	91.9	50-125	8/28/20 10:17

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-14
Sample ID: 20H1022-14
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 15:11

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 909.4

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20 10:55	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20 10:55	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 10:55	CLA
Tetrachlorobiphenyls	0.010	0.0020		0.011	0.0022	1	8/28/20 10:55	CLA
Pentachlorobiphenyls	0.011	0.0020		0.013	0.0022	1	8/28/20 10:55	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 10:55	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 10:55	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 10:55	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/28/20 10:55	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/28/20 10:55	CLA
Total Polychlorinated biphenyls	0.021		B	0.023		1	8/28/20 10:55	CLA

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	110	50-125	8/28/20 10:55

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-15
Sample ID: 20H1022-15
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 09:18

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 913.5

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20 11:32	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20 11:32	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 11:32	CLA
Tetrachlorobiphenyls	0.0040	0.0020		0.0044	0.0022	1	8/28/20 11:32	CLA
Pentachlorobiphenyls	0.0053	0.0020		0.0058	0.0022	1	8/28/20 11:32	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 11:32	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 11:32	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 11:32	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/28/20 11:32	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/28/20 11:32	CLA
Total Polychlorinated biphenyls	0.0094		B	0.010		1	8/28/20 11:32	CLA

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	90.3	50-125	8/28/20 11:32

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-16
Sample ID: 20H1022-16
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 15:28

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 907.2

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20 12:10	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20 12:10	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 12:10	CLA
Tetrachlorobiphenyls	0.0036	0.0020		0.0039	0.0022	1	8/28/20 12:10	CLA
Pentachlorobiphenyls	0.0037	0.0020		0.004	0.0022	1	8/28/20 12:10	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20 12:10	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 12:10	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20 12:10	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0055	1	8/28/20 12:10	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0055	1	8/28/20 12:10	CLA
Total Polychlorinated biphenyls	0.0073		B	0.008		1	8/28/20 12:10	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	96.5	50-125	8/28/20 12:10

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-17
Sample ID: 20H1022-17
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 15:34

Sample Description/Location:
 Sub Description/Location:

Work Order: 20H1022

Flow Controller ID:
 Sample Type:
 Air Volume L: 918.0

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20	12:47	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20	12:47	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	12:47	CLA
Tetrachlorobiphenyls	0.0034	0.0020		0.0037	0.0022	1	8/28/20	12:47	CLA
Pentachlorobiphenyls	0.0043	0.0020		0.0047	0.0022	1	8/28/20	12:47	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	12:47	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	12:47	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	12:47	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/28/20	12:47	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/28/20	12:47	CLA
Total Polychlorinated biphenyls	0.0077		B	0.0084		1	8/28/20	12:47	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	102	50-125	8/28/20 12:47

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-18
Sample ID: 20H1022-18
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 13:42

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 720.3

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.0014	1	8/28/20 13:25	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0014	1	8/28/20 13:25	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0028	1	8/28/20 13:25	CLA
Tetrachlorobiphenyls	0.0077	0.0020		0.011	0.0028	1	8/28/20 13:25	CLA
Pentachlorobiphenyls	0.0093	0.0020		0.013	0.0028	1	8/28/20 13:25	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0028	1	8/28/20 13:25	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0042	1	8/28/20 13:25	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0042	1	8/28/20 13:25	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0069	1	8/28/20 13:25	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0069	1	8/28/20 13:25	CLA
Total Polychlorinated biphenyls	0.017		B	0.024		1	8/28/20 13:25	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	105	50-125	8/28/20 13:25

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-19
Sample ID: 20H1022-19
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 11:20

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 264.5

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0038	1	8/28/20	14:02	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0038	1	8/28/20	14:02	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0076	1	8/28/20	14:02	CLA
Tetrachlorobiphenyls	ND	0.0020		ND	0.0076	1	8/28/20	14:02	CLA
Pentachlorobiphenyls	0.0025	0.0020		0.0094	0.0076	1	8/28/20	14:02	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0076	1	8/28/20	14:02	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.011	1	8/28/20	14:02	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.011	1	8/28/20	14:02	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.019	1	8/28/20	14:02	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.019	1	8/28/20	14:02	CLA
Total Polychlorinated biphenyls	0.0025		B	0.0094		1	8/28/20	14:02	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	101	50-125	8/28/20 14:02

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Fairfield, CT
 Date Received: 8/19/2020
Field Sample #: FLHS-IAS-20
Sample ID: 20H1022-20
 Sample Matrix: Indoor air
 Sampled: 8/18/2020 16:01

Sample Description/Location:
 Sub Description/Location:

 Flow Controller ID:
 Sample Type:
 Air Volume L: 922.9

Work Order: 20H1022

TO-10A/EPA 680 Modified

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.0011	1	8/28/20	14:40	CLA
Dichlorobiphenyls	ND	0.0010	B-05	ND	0.0011	1	8/28/20	14:40	CLA
Trichlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	14:40	CLA
Tetrachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	14:40	CLA
Pentachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	14:40	CLA
Hexachlorobiphenyls	ND	0.0020		ND	0.0022	1	8/28/20	14:40	CLA
Heptachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	14:40	CLA
Octachlorobiphenyls	ND	0.0030		ND	0.0033	1	8/28/20	14:40	CLA
Nonachlorobiphenyls	ND	0.0050		ND	0.0054	1	8/28/20	14:40	CLA
Decachlorobiphenyl	ND	0.0050		ND	0.0054	1	8/28/20	14:40	CLA
Total Polychlorinated biphenyls	0.0			0		1	8/28/20	14:40	CLA

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	92.6	50-125	8/28/20 14:40

Sample Extraction Data

Prep Method: SW-846 3540C Analytical Method: TO-10A/EPA 680 Modified

Lab Number [Field ID]	Batch	Initial [Cartridge]	Final [mL]	Date
20H1022-01 [FLHS-IAS-01]	B265081	1.00	1.00	08/25/20
20H1022-02 [FLHS-IAS-02]	B265081	1.00	1.00	08/25/20
20H1022-03 [FLHS-IAS-03]	B265081	1.00	1.00	08/25/20
20H1022-04 [FLHS-IAS-04]	B265081	1.00	1.00	08/25/20
20H1022-05 [FLHS-IAS-05]	B265081	1.00	1.00	08/25/20
20H1022-06 [FLHS-IAS-06]	B265081	1.00	1.00	08/25/20
20H1022-07 [FLHS-IAS-07]	B265081	1.00	1.00	08/25/20
20H1022-08 [FLHS-IAS-08]	B265081	1.00	1.00	08/25/20
20H1022-09 [FLHS-IAS-09]	B265081	1.00	1.00	08/25/20
20H1022-10 [FLHS-IAS-10]	B265081	1.00	1.00	08/25/20
20H1022-11 [FLHS-IAS-11]	B265081	1.00	1.00	08/25/20
20H1022-12 [FLHS-IAS-12]	B265081	1.00	1.00	08/25/20
20H1022-13 [FLHS-IAS-13]	B265081	1.00	1.00	08/25/20
20H1022-14 [FLHS-IAS-14]	B265081	1.00	1.00	08/25/20
20H1022-15 [FLHS-IAS-15]	B265081	1.00	1.00	08/25/20
20H1022-16 [FLHS-IAS-16]	B265081	1.00	1.00	08/25/20
20H1022-17 [FLHS-IAS-17]	B265081	1.00	1.00	08/25/20
20H1022-18 [FLHS-IAS-18]	B265081	1.00	1.00	08/25/20
20H1022-19 [FLHS-IAS-19]	B265081	1.00	1.00	08/25/20
20H1022-20 [FLHS-IAS-20]	B265081	1.00	1.00	08/25/20

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

PCB Homologues by GC/MS with Soxhlet Extraction - Quality Control

Analyte	Total µg		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	Total µg	Result	%REC	Limits	RPD	Limit	
Batch B265081 - SW-846 3540C											
Blank (B265081-BLK1)											
						Prepared: 08/25/20 Analyzed: 08/27/20					
Monochlorobiphenyls	ND	0.0010									
Dichlorobiphenyls	0.0021	0.0010									
Trichlorobiphenyls	ND	0.0020									
Tetrachlorobiphenyls	ND	0.0020									
Pentachlorobiphenyls	ND	0.0020									
Hexachlorobiphenyls	ND	0.0020									
Heptachlorobiphenyls	ND	0.0030									
Octachlorobiphenyls	ND	0.0030									
Nonachlorobiphenyls	ND	0.0050									
Decachlorobiphenyl	ND	0.0050									
Total Polychlorinated biphenyls	0.0021										
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.169</i>				<i>0.200</i>		<i>84.4</i>	<i>50-125</i>			
LCS (B265081-BS1)											
						Prepared: 08/25/20 Analyzed: 08/27/20					
Monochlorobiphenyls	0.14	0.0010			0.200		68.1	40-140			
Dichlorobiphenyls	0.15	0.0010			0.200		74.6	40-140			B
Trichlorobiphenyls	0.13	0.0020			0.200		64.7	40-140			
Tetrachlorobiphenyls	0.26	0.0020			0.400		65.1	40-140			
Pentachlorobiphenyls	0.25	0.0020			0.400		61.8	40-140			
Hexachlorobiphenyls	0.30	0.0020			0.400		75.0	40-140			
Heptachlorobiphenyls	0.46	0.0030			0.600		76.2	40-140			
Octachlorobiphenyls	0.46	0.0030			0.600		77.2	40-140			
Nonachlorobiphenyls	0.88	0.0050			1.00		88.2	40-140			
Decachlorobiphenyl	0.84	0.0050			1.00		84.4	40-140			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.178</i>				<i>0.200</i>		<i>89.1</i>	<i>50-125</i>			
LCS Dup (B265081-BSD1)											
						Prepared: 08/25/20 Analyzed: 08/27/20					
Monochlorobiphenyls	0.15	0.0010			0.200		72.8	40-140	6.64	50	
Dichlorobiphenyls	0.18	0.0010			0.200		88.0	40-140	16.5	50	B
Trichlorobiphenyls	0.16	0.0020			0.200		79.8	40-140	20.9	50	
Tetrachlorobiphenyls	0.31	0.0020			0.400		77.9	40-140	17.9	50	
Pentachlorobiphenyls	0.31	0.0020			0.400		77.9	40-140	23.1	50	
Hexachlorobiphenyls	0.33	0.0020			0.400		82.3	40-140	9.21	50	
Heptachlorobiphenyls	0.50	0.0030			0.600		83.5	40-140	9.23	50	
Octachlorobiphenyls	0.51	0.0030			0.600		84.3	40-140	8.81	50	
Nonachlorobiphenyls	0.96	0.0050			1.00		95.7	40-140	8.12	50	
Decachlorobiphenyl	0.92	0.0050			1.00		92.4	40-140	9.08	50	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.191</i>				<i>0.200</i>		<i>95.7</i>	<i>50-125</i>			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated laboratory blank as well as in the sample.
B-05	Data is not affected by elevated level in laboratory blank since sample(s) result is "Not Detected".

INTERNAL STANDARD AREA AND RT SUMMARY

TO-10A/EPA 680 Modified

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B265081-BS1)			Lab File ID: F2024004.D			Analyzed: 08/27/20 10:09			
Phenanthrene-d10	842365	20.377	819041	20.377	103	50 - 200	0.0000	+/-0.50	
Chrysene-d12	607228	28.095	583021	28.095	104	50 - 200	0.0000	+/-0.50	
LCS Dup (B265081-BSD1)			Lab File ID: F2024005.D			Analyzed: 08/27/20 10:47			
Phenanthrene-d10	780895	20.377	819041	20.377	95	50 - 200	0.0000	+/-0.50	
Chrysene-d12	647263	28.095	583021	28.095	111	50 - 200	0.0000	+/-0.50	
Blank (B265081-BLK1)			Lab File ID: F2024006.D			Analyzed: 08/27/20 11:23			
Phenanthrene-d10	867325	20.377	819041	20.377	106	50 - 200	0.0000	+/-0.50	
Chrysene-d12	703682	28.095	583021	28.095	121	50 - 200	0.0000	+/-0.50	
FLHS-IAS-01 (20H1022-01)			Lab File ID: F2024007.D			Analyzed: 08/27/20 12:00			
Phenanthrene-d10	856786	20.377	819041	20.377	105	50 - 200	0.0000	+/-0.50	
Chrysene-d12	666774	28.095	583021	28.095	114	50 - 200	0.0000	+/-0.50	
FLHS-IAS-02 (20H1022-02)			Lab File ID: F2024008.D			Analyzed: 08/27/20 12:38			
Phenanthrene-d10	861351	20.383	819041	20.377	105	50 - 200	0.0060	+/-0.50	
Chrysene-d12	665422	28.095	583021	28.095	114	50 - 200	0.0000	+/-0.50	
FLHS-IAS-03 (20H1022-03)			Lab File ID: F2024009.D			Analyzed: 08/27/20 13:15			
Phenanthrene-d10	873468	20.383	819041	20.377	107	50 - 200	0.0060	+/-0.50	
Chrysene-d12	714545	28.095	583021	28.095	123	50 - 200	0.0000	+/-0.50	
FLHS-IAS-04 (20H1022-04)			Lab File ID: F2024010.D			Analyzed: 08/27/20 13:53			
Phenanthrene-d10	886791	20.383	819041	20.377	108	50 - 200	0.0060	+/-0.50	
Chrysene-d12	725083	28.095	583021	28.095	124	50 - 200	0.0000	+/-0.50	
FLHS-IAS-05 (20H1022-05)			Lab File ID: F2024011.D			Analyzed: 08/27/20 14:30			
Phenanthrene-d10	888065	20.377	819041	20.377	108	50 - 200	0.0000	+/-0.50	
Chrysene-d12	691624	28.095	583021	28.095	119	50 - 200	0.0000	+/-0.50	
FLHS-IAS-06 (20H1022-06)			Lab File ID: F2024012.D			Analyzed: 08/27/20 15:07			
Phenanthrene-d10	927398	20.383	819041	20.377	113	50 - 200	0.0060	+/-0.50	
Chrysene-d12	724034	28.095	583021	28.095	124	50 - 200	0.0000	+/-0.50	
FLHS-IAS-07 (20H1022-07)			Lab File ID: F2024013.D			Analyzed: 08/27/20 15:44			
Phenanthrene-d10	900257	20.383	819041	20.377	110	50 - 200	0.0060	+/-0.50	
Chrysene-d12	670019	28.095	583021	28.095	115	50 - 200	0.0000	+/-0.50	
FLHS-IAS-08 (20H1022-08)			Lab File ID: F2024014.D			Analyzed: 08/27/20 16:22			
Phenanthrene-d10	963239	20.383	819041	20.377	118	50 - 200	0.0060	+/-0.50	
Chrysene-d12	833931	28.095	583021	28.095	143	50 - 200	0.0000	+/-0.50	
FLHS-IAS-09 (20H1022-09)			Lab File ID: F2024015.D			Analyzed: 08/27/20 17:00			
Phenanthrene-d10	807351	20.377	819041	20.377	99	50 - 200	0.0000	+/-0.50	
Chrysene-d12	589659	28.095	583021	28.095	101	50 - 200	0.0000	+/-0.50	
FLHS-IAS-10 (20H1022-10)			Lab File ID: F2024016.D			Analyzed: 08/27/20 17:37			
Phenanthrene-d10	833997	20.376	819041	20.377	102	50 - 200	-0.0010	+/-0.50	
Chrysene-d12	679351	28.095	583021	28.095	117	50 - 200	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INTERNAL STANDARD AREA AND RT SUMMARY

TO-10A/EPA 680 Modified

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FLHS-IAS-11 (20H1022-11)									
Lab File ID: F2024104.D					Analyzed: 08/28/20 09:02				
Phenanthrene-d10	865195	20.376	878084	20.376	99	50 - 200	0.0000	+/-0.50	
Chrysene-d12	686586	28.087	692538	28.095	99	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-12 (20H1022-12)									
Lab File ID: F2024105.D					Analyzed: 08/28/20 09:40				
Phenanthrene-d10	898643	20.377	878084	20.376	102	50 - 200	0.0010	+/-0.50	
Chrysene-d12	755229	28.095	692538	28.095	109	50 - 200	0.0000	+/-0.50	
FLHS-IAS-13 (20H1022-13)									
Lab File ID: F2024106.D					Analyzed: 08/28/20 10:17				
Phenanthrene-d10	920445	20.377	878084	20.376	105	50 - 200	0.0010	+/-0.50	
Chrysene-d12	761499	28.095	692538	28.095	110	50 - 200	0.0000	+/-0.50	
FLHS-IAS-14 (20H1022-14)									
Lab File ID: F2024107.D					Analyzed: 08/28/20 10:55				
Phenanthrene-d10	650679	20.377	878084	20.376	74	50 - 200	0.0010	+/-0.50	
Chrysene-d12	523172	28.087	692538	28.095	76	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-15 (20H1022-15)									
Lab File ID: F2024108.D					Analyzed: 08/28/20 11:32				
Phenanthrene-d10	847237	20.377	878084	20.376	96	50 - 200	0.0010	+/-0.50	
Chrysene-d12	693026	28.087	692538	28.095	100	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-16 (20H1022-16)									
Lab File ID: F2024109.D					Analyzed: 08/28/20 12:10				
Phenanthrene-d10	834189	20.377	878084	20.376	95	50 - 200	0.0010	+/-0.50	
Chrysene-d12	711431	28.087	692538	28.095	103	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-17 (20H1022-17)									
Lab File ID: F2024110.D					Analyzed: 08/28/20 12:47				
Phenanthrene-d10	767076	20.376	878084	20.376	87	50 - 200	0.0000	+/-0.50	
Chrysene-d12	684155	28.087	692538	28.095	99	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-18 (20H1022-18)									
Lab File ID: F2024111.D					Analyzed: 08/28/20 13:25				
Phenanthrene-d10	681381	20.377	878084	20.376	78	50 - 200	0.0010	+/-0.50	
Chrysene-d12	575156	28.087	692538	28.095	83	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-19 (20H1022-19)									
Lab File ID: F2024112.D					Analyzed: 08/28/20 14:02				
Phenanthrene-d10	721125	20.377	878084	20.376	82	50 - 200	0.0010	+/-0.50	
Chrysene-d12	593273	28.087	692538	28.095	86	50 - 200	-0.0080	+/-0.50	
FLHS-IAS-20 (20H1022-20)									
Lab File ID: F2024113.D					Analyzed: 08/28/20 14:40				
Phenanthrene-d10	751125	20.377	878084	20.376	86	50 - 200	0.0010	+/-0.50	
Chrysene-d12	596059	28.087	692538	28.095	86	50 - 200	-0.0080	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CONTINUING CALIBRATION CHECK

COMPOUND	TYPE			RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
---------	----------------

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Public Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	10/1/2020

Company Name: Woodard & Curran
Address: 213 Court St, Middletown CT
Phone: 203 699 6116
Project Name: FLHS IA
Project Location: Fairfield, CT
Project Number: 228875
Project Manager: George Franklin
Con-Test Quote Name/Number:
Invoice Recipient: Greg Reynolds
Sampled By: GSR NYMA

Requested Turnaround Time
7-Day 10-Day
Due Date:
Rush Approval Required
1-Day 3-Day
2-Day 4-Day
Data Delivery
Format: PDF EXCEL
Other:
CLP Like Data Pkg Required:
Email To: gregreynolds@woodardcurran.com
Fax To #: gfranklin@woodardcurran.com

ANALYSIS REQUESTED

PCBs	Initial Pressure	Final Pressure	Lab Receipt Pressure	" Hg	Please fill out completely, sign, date and retain the yellow copy for your records
					Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply
					For summa canister and flow controller information please refer to Con-Test's Air Media Agreement
				Summa Can ID	Flow Controller ID

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume		
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	<input checked="" type="checkbox"/> m ³ /min <input type="checkbox"/> L/min	Code	<input type="checkbox"/> Liters <input type="checkbox"/> m ³		
01	FLHS-1A5-01	8/18/20	732	360	2.55	IA	918	X	
02	FLHS-1A5-02	8/18/20	745	360	2.512		904.3		
03	FLHS-1A5-03	8/18/20	759	360	2.700		972		
04	FLHS-1A5-04	8/18/20	801	364	2.522		918		
05	FLHS-1A5-05	8/18/20	807	360	2.518		906.5		
06	FLHS-1A5-06	8/18/20	814	360	2.552		918.7		
07	FLHS-1A5-07	8/18/20	827	360	2.924		968.5		
08	FLHS-1A5-08	8/18/20	831	360	2.554		919.3		
09	FLHS-1A5-09	8/18/20	840	360	2.541	✓	914.6	✓	

times on chain are start times, end times calculated from that. JLH 8/20/2020

Comments:

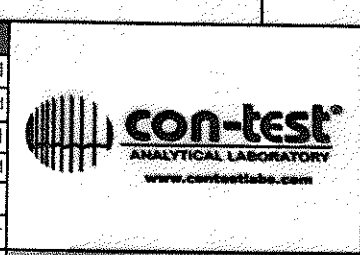
Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:

- SG = SOIL GAS
- IA = INDOOR AIR
- AMB = AMBIENT
- SS = SUB SLAB
- D = DUP
- BL = BLANK
- O = Other

Relinquished by: (signature) <i>[Signature]</i>	Date/Time:
Received by: (signature) <i>[Signature]</i>	Date/Time: 8/19/20 5:48
Relinquished by: (signature) <i>[Signature]</i>	Date/Time: 8/19/20 1:00
Received by: (signature) <i>[Signature]</i>	Date/Time: 8/19/20 1900
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements	Special Requirements
MA <input type="checkbox"/>	MA MCP Required <input type="checkbox"/>
	MCP Certification Form Required <input type="checkbox"/>
CA <input type="checkbox"/>	CT RCP Required <input type="checkbox"/>
	RCP Certification Form Required <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>



NELAP and AIHA-LAP, LLC Accredited

<input type="checkbox"/> Government	<input type="checkbox"/> Municipality	<input type="checkbox"/> MWRA	<input type="checkbox"/> WRTA	<input type="checkbox"/> Chromatogram	<input checked="" type="checkbox"/> Soxhlet
<input type="checkbox"/> Federal	<input type="checkbox"/> 21-J	<input type="checkbox"/> School	<input type="checkbox"/> AIHA-LAP, LLC	<input type="checkbox"/> Non Soxhlet	
<input type="checkbox"/> City	<input type="checkbox"/> Brownfield	<input type="checkbox"/> MBTA			

CHAIN OF CUSTODY RECORD (AIR)

Requested Turnaround Time:
 7-Day 10-Day
 Due Date: _____

Rush Approval Required:
 1-Day 3-Day
 2-Day 4-Day

Data Delivery:
 Format: PDF EXCEL
 Other: _____

CLP Like Data Pkg Required:

Email To: greynolds@wardcurran.com
 Fax To #: Franklin

ANALYSIS REQUESTED

Initial Pressure _____
 Final Pressure _____
 Lab Receipt Pressure _____

" Hg _____

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Summa Can ID _____ Flow Controller ID _____

Lab Use	Con-Test Work Order#	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume
			Beginning Date/Time	Ending Date/Time				
10		FLAS-1AS-10	8/18/20	845	360	2.509	IA	903.1
11		FLAS-1AS-11		851	360	2.583		929.9
12		FLAS-1AS-12		856	360	2.559		921.1
13		FLAS-1AS-13		906	360	2.520		907.0
14		FLAS-1AS-14		911	360	2.526		909.4
15		FLAS-1AS-15		918	360	2.538		913.5
16		FLAS-1AS-16		928	360	2.520		907.2
17		FLAS-1AS-17		934	360	2.550		918.0
18		FLAS-UB-18		942	282	2.554	V	720.3

Comments: _____

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
 SG = SOIL GAS
 IA = INDOOR AIR
 AMB = AMBIENT
 SS = SUB SLAB
 D = DUP
 BL = BLANK
 O = Other _____

Special Requirements:
 MA MCP Required
 MA MCP Form Required
 CT MCP Required
 CT MCP Form Required
 Other _____

Project Entity:
 Government Municipality
 Federal 21 J
 City Brownfield

Other:
 MWRA WRTA
 School MBTA
 Chromatogram
 ALPHA-LAP, LLC

PCB ONLY:
 Soxhlet
 Non Soxhlet

RELINQUISHED BY: (signature) _____ Date/Time: _____

RECEIVED BY: (signature) _____ Date/Time: 8/19/20 5:45

RELINQUISHED BY: (signature) _____ Date/Time: 8/19/20 7:00

RECEIVED BY: (signature) _____ Date/Time: 8/19/20 1900

RELINQUISHED BY: (signature) _____ Date/Time: _____

RECEIVED BY: (signature) _____ Date/Time: _____

