

IEI Plastics Fire  
Parkersburg, WV  
Wood County Schools  
Indoor Air Monitoring Summary  
October 27, 2017

Prepared by  
Center for Toxicology and Environmental Health, L.L.C. (CTEH)  
On Behalf of Wood County Schools



## ***Introduction***

On October 24, 2017, the Center for Toxicology and Environmental Health, LLC (CTEH) was requested by the Wood County Schools to perform indoor air monitoring in multiple school and administration buildings in Parkersburg, WV. Real-time indoor air monitoring for indicators of fire smoke impacts was initiated on October 25 and completed on October 26, 2017. The details of CTEH's monitoring activities and results are presented below.

## ***Real-time Air Monitoring***

Real-time air monitoring was conducted for indicators of fire smoke impacts including volatile organic compounds (VOCs), carbon monoxide (CO), and fire smoke particulate matter (PM<sub>2.5</sub>). These target analytes were measured using handheld instruments including RAESystems® MultiRAE Pro/Plus (for VOCs and CO) and TSI AM510 or DustTrak DRX aerosol/particle monitor for PM<sub>2.5</sub>. PM<sub>2.5</sub> represents all particles in the air with mean diameter less than 2.5 micrometers. Though fire smoke particles typically fall in this range, dust and other normal particles with diameters less than 2.5 micrometers commonly found in indoor air will also be detected. In addition, notations of any unusual odors representative of fire smoke were documented along with the real-time air monitoring readings. All instrumentation was calibrated prior to the monitoring activities per the manufacturer's recommendations.

## ***Results***

The tables below summarize data collected per building. Concentrations representing the reading for each analyte is recorded from the individual instrument at the indicated time and location. Results preceded with a < symbol indicate that the chemical was not detected at or above the instrument's detection limit. Units for VOCs and CO are presented in parts per million (ppm) of air. Units for PM<sub>2.5</sub> are presented in milligrams per cubic meter of air (mg/m<sup>3</sup>).

*Table 1: Blennerhassett Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
6:34:51 PM	Blennerhassett Elementary cafeteria	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
6:35:57 PM	Blennerhassett Elementary cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
6:36:25 PM	Blennerhassett Elementary cafeteria	MultiRAE Plus	CO	< 1	ppm
6:37:22 PM	Blennerhassett Elementary gym	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
6:38:24 PM	Blennerhassett Elementary gym	MultiRAE Plus	VOCs	< 0.1	ppm
6:38:48 PM	Blennerhassett Elementary gym	MultiRAE Plus	CO	< 1	ppm
6:40:14 PM	Blennerhassett Elementary and middle auditorium	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
6:42:47 PM	Blennerhassett Elementary and middle auditorium	MultiRAE Plus	VOCs	< 0.1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 2: Blennerhassett Middle School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
6:18:48 PM	Blennerhassett Middle School main office	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
6:22:33 PM	Blennerhassett Middle School main office	MultiRAE Plus	CO	< 1	ppm
6:23:00 PM	Blennerhassett Middle School main office	MultiRAE Plus	VOCs	< 0.1	ppm
6:24:44 PM	Blennerhassett Middle School north hallway	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
6:25:53 PM	Blennerhassett middle School north hallway	MultiRAE Plus	VOCs	< 0.1	ppm
6:26:31 PM	Blennerhassett middle School north hallway	MultiRAE Plus	CO	< 1	ppm
6:29:12 PM	Blennerhassett Middle School cafeteria	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
6:30:09 PM	Blennerhassett Middle School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
6:30:35 PM	Blennerhassett Middle School cafeteria	MultiRAE Plus	CO	< 1	ppm
6:31:32 PM	Blennerhassett Middle School gym	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
6:32:24 PM	Blennerhassett Middle School gym	MultiRAE Plus	VOCs	< 0.1	ppm
6:32:55 PM	Blennerhassett Middle School gym	MultiRAE Plus	CO	< 1	ppm
6:43:12 PM	Blennerhassett Elementary middle auditorium	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 3: Criss Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
3:30:20 PM	Criss Elementary School gym	AM510	PM <sub>2.5</sub>	0.021	mg/m <sup>3</sup>
3:31:26 PM	Criss Elementary School gym	MultiRAE Plus	VOCs	< 0.1	ppm
3:32:03 PM	Criss Elementary School gym	MultiRAE Plus	CO	< 1	ppm
3:33:16 PM	Criss Elementary School cafeteria	AM510	PM <sub>2.5</sub>	0.012	mg/m <sup>3</sup>
3:35:16 PM	Criss Elementary School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
3:36:05 PM	Criss Elementary School cafeteria	MultiRAE Plus	CO	< 1	ppm
3:38:27 PM	East side classroom Criss School	AM510	PM <sub>2.5</sub>	0.016	mg/m <sup>3</sup>
3:40:30 PM	East side classroom Criss School	MultiRAE Plus	CO	< 1	ppm
3:41:03 PM	East side classroom Criss School	MultiRAE Plus	VOCs	< 0.1	ppm
3:44:58 PM	NW hallway Criss School	AM510	PM <sub>2.5</sub>	0.017	mg/m <sup>3</sup>
3:47:13 PM	NW hallway Criss School	MultiRAE Plus	VOCs	< 0.1	ppm
3:47:43 PM	NW hallway Criss School	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 4: Emerson Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
3:15:18 PM	2nd floor center of hallway	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
3:45:06 PM	In center of gym	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
3:47:24 PM	In center of Gym	MultiRAE Plus	VOCs	< 0.1	ppm
3:48:15 PM	In center of Gym	MultiRAE Plus	CO	< 1	ppm
3:50:29 PM	SW corner of Hallways on 1st floor	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
3:53:43 PM	SW corner of Hallways on 1st floor	MultiRAE Plus	VOCs	< 0.1	ppm
3:55:30 PM	SW corner of Hallways on 1st floor	MultiRAE Plus	CO	< 1	ppm
3:56:53 PM	At end of hallway at NE End of building 1st floor	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
3:59:11 PM	At end of hallway at NE End of building 1st floor	MultiRAE Plus	VOCs	< 0.1	ppm
3:59:59 PM	At end of hallway at NE End of building 1st floor	MultiRAE Plus	CO	< 1	ppm
4:02:26 PM	On second floor center of hallway	MultiRAE Plus	VOCs	< 0.1	ppm
4:05:10 PM	Center of second floor hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 5: Gihon Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
5:21:16 PM	Gihon Elementary main entrance	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
5:24:31 PM	Gihon Elementary main entrance	MultiRAE Plus	VOCs	< 0.1	ppm
5:25:00 PM	Gihon Elementary main entrance	MultiRAE Plus	CO	< 1	ppm
5:26:25 PM	Gihon Elementary gym	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
5:28:02 PM	Gihon Elementary gym	MultiRAE Plus	VOCs	< 0.1	ppm
5:28:27 PM	Gihon Elementary gym	MultiRAE Plus	CO	< 1	ppm
5:29:28 PM	Gihon Elementary cafeteria	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
5:31:09 PM	Gihon Elementary cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
5:31:37 PM	Gihon Elementary cafeteria	MultiRAE Plus	CO	< 1	ppm
5:33:02 PM	Gihon Elementary north hallway	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
5:34:11 PM	Gihon Elementary north hallway	MultiRAE Plus	VOCs	< 0.1	ppm
5:34:41 PM	Gihon Elementary north hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 6: Hamilton Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
2:05:05 PM	At entrance, approx 15ft inside door, east entrance	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
2:08:56 PM	At entrance, approx 15ft inside door, east entrance	MultiRAE Plus	VOCs	< 0.1	ppm
2:10:24 PM	At entrance, approx 15ft inside door, east entrance	MultiRAE Plus	CO	< 1	ppm
2:12:03 PM	In center of basketball gym	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
2:14:51 PM	In center of basketball gym	MultiRAE Plus	VOCs	< 0.1	ppm
2:18:57 PM	In center of small gym	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
2:20:59 PM	In center of small gym	MultiRAE Plus	CO	< 1	ppm
2:22:23 PM	In center of small gym	MultiRAE Plus	VOCs	< 0.1	ppm
2:24:58 PM	In center of Cafeteria	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
2:27:51 PM	In center of Cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
2:29:18 PM	In center of Cafeteria	MultiRAE Plus	CO	< 1	ppm
2:34:01 PM	Center of upstairs hallway center of campus	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
2:37:16 PM	Center of upstairs hallway center of campus	MultiRAE Plus	CO	< 1	ppm
2:38:28 PM	Center of upstairs hallway center of campus	MultiRAE Plus	VOCs	< 0.1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.



*Table 7: Jefferson Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
2:19:11 PM	1st floor hallway of building	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
2:25:31 PM	Gym	MultiRAE Plus	VOCs	< 0.1	ppm
2:27:16 PM	Gym	MultiRAE Plus	CO	< 1	ppm
2:30:30 PM	SW 2nd gym	MultiRAE Plus	VOCs	< 0.1	ppm
2:32:09 PM	SW 2nd gym	MultiRAE Plus	CO	< 1	ppm
2:33:47 PM	NE hallway 1st floor	MultiRAE Plus	VOCs	< 0.1	ppm
2:35:04 PM	NE hallway 1st floor	MultiRAE Plus	CO	< 1	ppm
2:43:23 PM	Gym	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
2:47:14 PM	SW 2nd gym	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
2:49:05 PM	NE hallway 1st floor	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
3:26:15 PM	1st fl main hallway from entrance	MultiRAE Plus	CO	< 1	ppm
3:28:52 PM	1st fl main hallway from entrance	MultiRAE Plus	VOCs	< 0.1	ppm
3:29:32 PM	1st fl main hallway from entrance	AM510	PM <sub>2.5</sub>	0.016	mg/m <sup>3</sup>

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 8: Lubeck  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
5:54:05 PM	Lubeck Elementary School main entrance	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
5:56:16 PM	Lubeck Elementary School main entrance	MultiRAE Plus	VOCs	< 0.1	ppm
5:56:43 PM	Lubeck Elementary School main entrance	MultiRAE Plus	CO	< 1	ppm
5:58:05 PM	Lubeck Elementary School gym	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
5:59:05 PM	Lubeck Elementary School gym	MultiRAE Plus	VOCs	< 0.1	ppm
5:59:31 PM	Lubeck Elementary School gym	MultiRAE Plus	CO	< 1	ppm
6:00:32 PM	Lubeck Elementary cafeteria	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
6:01:27 PM	Lubeck Elementary cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
6:01:56 PM	Lubeck Elementary cafeteria	MultiRAE Plus	CO	< 1	ppm
6:04:12 PM	Lubeck Elementary SE hallway	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
6:05:27 PM	Lubeck Elementary SE hallway	MultiRAE Plus	VOCs	< 0.1	ppm
6:05:55 PM	Lubeck Elementary SE hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 9: Parkersburg High School South  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
4:07:02 PM	Parkersburg South High School NW hallway 1st floor	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:08:39 PM	Parkersburg South High School NW hallway 1st floor	MultiRAE Plus	VOCs	< 0.1	ppm
4:09:14 PM	Parkersburg South High School NW hallway 1st floor	MultiRAE Plus	CO	< 1	ppm
4:11:40 PM	Parkersburg South High School NW hallway 2nd floor	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
4:12:46 PM	Parkersburg South High School NW hallway 2nd floor	MultiRAE Plus	VOCs	< 0.1	ppm
4:13:16 PM	Parkersburg South High School NW hallway 2nd floor	MultiRAE Plus	CO	< 1	ppm
4:15:36 PM	Parkersburg South High School N side gym	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
4:17:05 PM	Parkersburg South High School N side gym	MultiRAE Plus	VOCs	< 0.1	ppm
4:17:33 PM	Parkersburg South High School N side gym	MultiRAE Plus	CO	< 1	ppm
4:19:06 PM	Parkersburg South High School trophy area	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:20:19 PM	Parkersburg South High School trophy area	MultiRAE Plus	VOCs	< 0.1	ppm
4:20:44 PM	Parkersburg South High School trophy area	MultiRAE Plus	CO	< 1	ppm
4:22:44 PM	Parkersburg South High School NE 2nd gym	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:24:39 PM	Parkersburg South High School NE 2nd gym	MultiRAE Plus	VOCs	< 0.1	ppm
4:25:23 PM	Parkersburg South High School NE 2nd gym	MultiRAE Plus	CO	< 1	ppm
4:26:47 PM	Parkersburg South High School Archery gym	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:28:09 PM	Parkersburg South High School Archery gym	MultiRAE Plus	VOCs	< 0.1	ppm
4:28:52 PM	Parkersburg South High School Archery gym	MultiRAE Plus	CO	< 1	ppm
4:30:52 PM	Parkersburg South High School NE 1st floor hallway	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:31:58 PM	Parkersburg South High School NE 1st floor hallway	MultiRAE Plus	VOCs	< 0.1	ppm
4:32:24 PM	Parkersburg South High School NE 1st floor hallway	MultiRAE Plus	CO	< 1	ppm
4:33:31 PM	Parkersburg South High School NE 2nd floor hallway	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
4:34:26 PM	Parkersburg South High School NE 2nd floor hallway	MultiRAE Plus	VOCs	< 0.1	ppm
4:34:56 PM	Parkersburg South High School NE 2nd floor hallway	MultiRAE Plus	CO	< 1	ppm
4:38:16 PM	Parkersburg South High School NE 1st floor hallway near music wing	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
4:39:51 PM	Parkersburg South High School NE 1st floor hallway near music wing	MultiRAE Plus	VOCs	< 0.1	ppm
4:40:56 PM	Parkersburg South High School NE 1st floor hallway near music wing	MultiRAE Plus	CO	< 1	ppm
4:42:52 PM	Parkersburg South High School cafeteria	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
4:44:17 PM	Parkersburg South High School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
4:45:05 PM	Parkersburg South High School cafeteria	MultiRAE Plus	CO	< 1	ppm
4:46:33 PM	Parkersburg South High School cafeteria NW side	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
4:47:33 PM	Parkersburg South High School cafeteria NW side	MultiRAE Plus	VOCs	< 0.1	ppm
4:48:06 PM	Parkersburg South High School cafeteria NW side	MultiRAE Plus	CO	< 1	ppm
4:50:17 PM	Parkersburg South High School auditorium	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
4:52:04 PM	Parkersburg South High School auditorium	MultiRAE Plus	VOCs	< 0.1	ppm
4:52:33 PM	Parkersburg South High School auditorium	MultiRAE Plus	CO	< 1	ppm
4:55:57 PM	Parkersburg South High School main office, principal office	AM510	PM <sub>2.5</sub>	0.012	mg/m <sup>3</sup>

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
4:57:26 PM	Parkersburg South High School main office, principal office	MultiRAE Plus	VOCs	< 0.1	ppm
4:57:59 PM	Parkersburg South High School main office, principal office	MultiRAE Plus	CO	< 1	ppm
5:00:27 PM	Parkersburg South High School 2nd floor north hallway	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
5:01:30 PM	Parkersburg South High School 2nd floor north hallway	MultiRAE Plus	VOCs	< 0.1	ppm
5:02:14 PM	Parkersburg South High School 2nd floor north hallway	MultiRAE Plus	VOCs	< 0.1	ppm
5:09:09 PM	Parkersburg South High School Voage Building	AM510	PM <sub>2.5</sub>	0.011	mg/m <sup>3</sup>
5:10:16 PM	Parkersburg South High School Voage Building	MultiRAE Plus	VOCs	< 0.1	ppm
5:10:41 PM	Parkersburg South High School Voage Building	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 10: Worthington Elementary School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
2:51:00 PM	In center of gym/cafeteria	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
2:53:23 PM	in center of gym/cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
2:55:04 PM	in center of gym/cafeteria	MultiRAE Plus	CO	< 1	ppm
2:57:53 PM	In center of library	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
2:59:52 PM	In center of library	MultiRAE Plus	VOCs	< 0.1	ppm
3:00:42 PM	In center of Library	MultiRAE Plus	CO	< 1	ppm
3:03:17 PM	In office/reception area	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
3:05:29 PM	Inside office/reception area	MultiRAE Plus	VOCs	< 0.1	ppm
3:07:19 PM	Inside office reception area	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 11: Edison Middle School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
11:49:50 AM	Edison Eagle Middle School main entrance	AM510	PM <sub>2.5</sub>	0.037	mg/m <sup>3</sup>
11:56:00 AM	Edison Middle School main hallway	MultiRAE Plus	VOCs	< 0.1	ppm
11:57:15 AM	Edison Middle School main hallway	MultiRAE Plus	CO	< 1	ppm
11:59:15 AM	Edison Middle School gym	MultiRAE Plus	VOCs	< 0.1	ppm
11:59:15 AM	Edison Eagle Middle School gymnasium	AM510	PM <sub>2.5</sub>	0.04	mg/m <sup>3</sup>
12:00:14 PM	Edison Middle School gym	MultiRAE Plus	CO	< 1	ppm
12:02:31 PM	Edison Eagle Middle School SE hallway	AM510	PM <sub>2.5</sub>	0.032	mg/m <sup>3</sup>
12:02:50 PM	Edison Middle School SE hallway	MultiRAE Plus	VOCs	< 0.1	ppm
12:03:33 PM	Edison Middle School SE hallway	MultiRAE Plus	CO	< 1	ppm
12:10:28 PM	Edison Eagle Middle School cafeteria	AM510	PM <sub>2.5</sub>	0.02	mg/m <sup>3</sup>
12:10:34 PM	Edison Middle School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
12:11:27 PM	Edison Middle School cafeteria	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 12: Fair Plains Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
2:35:39 PM	Fair Plains Elementary cafeteria	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
2:36:28 PM	Fair Plains Elementary School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
2:37:41 PM	Fair Plains Elementary School cafeteria	MultiRAE Plus	CO	< 1	ppm
2:38:48 PM	Fair Plains Elementary gymnasium	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
2:39:04 PM	Fair Plains Elementary School gym	MultiRAE Plus	VOCs	< 0.1	ppm
2:39:44 PM	Fair Plains Elementary School gym	MultiRAE Plus	CO	< 1	ppm
2:41:10 PM	Fair Plains Elementary SE hallway	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
2:41:38 PM	Fair Plains Elementary SE 1st floor hallway	MultiRAE Plus	VOCs	< 0.1	ppm
2:42:32 PM	Fair Plains Elementary SE 1st floor hallway	MultiRAE Plus	CO	< 1	ppm
2:43:57 PM	Fair Plains Elementary NE 2nd floor hallway	MultiRAE Plus	VOCs	< 0.1	ppm
2:43:59 PM	Fair Plains Elementary NE hallway 2nd floor	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 13: Franklin Center Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
10:45:52 AM	Franklin Center entrance	AM510	PM <sub>2.5</sub>	0.055	mg/m <sup>3</sup>
10:47:46 AM	Franklin Elementary School office	MultiRAE Plus	VOCs	< 0.1	ppm
10:48:57 AM	Franklin Elementary School office	MultiRAE Plus	CO	< 1	ppm
10:49:03 AM	Franklin Center entrance	MultiRAE Plus	VOCs	< 0.1	ppm
10:49:51 AM	Franklin Center entrance	MultiRAE Plus	CO	< 1	ppm
10:50:52 AM	Franklin Center office	AM510	PM <sub>2.5</sub>	0.054	mg/m <sup>3</sup>
11:00:03 AM	Franklin Center gymnasium	AM510	PM <sub>2.5</sub>	0.031	mg/m <sup>3</sup>
11:00:07 AM	Franklin Elementary gym	MultiRAE Plus	VOCs	< 0.1	ppm
11:00:58 AM	Franklin Elementary gym	MultiRAE Plus	CO	< 1	ppm
11:02:30 AM	Franklin Center hallway E 2nd floor	AM510	PM <sub>2.5</sub>	0.048	mg/m <sup>3</sup>
11:03:08 AM	Franklin Elementary east 2nd floor	MultiRAE Plus	VOCs	< 0.1	ppm
11:04:15 AM	Franklin Elementary east 2nd floor	MultiRAE Plus	CO	< 1	ppm
11:06:13 AM	Franklin Center hallway E 1st floor	AM510	PM <sub>2.5</sub>	0.051	mg/m <sup>3</sup>
11:06:57 AM	Franklin Elementary east 1st floor	MultiRAE Plus	VOCs	< 0.1	ppm
11:08:03 AM	Franklin Elementary east 1st floor	MultiRAE Plus	CO	< 1	ppm
11:10:23 AM	Franklin Center 1st floor E hallway door 30	AM510	PM <sub>2.5</sub>	0.046	mg/m <sup>3</sup>
11:12:29 AM	Franklin Elementary east 1st floor door 30	MultiRAE Plus	VOCs	< 0.1	ppm
11:13:29 AM	Franklin Elementary east 1st floor door 30	MultiRAE Plus	CO	< 1	ppm
11:22:27 AM	Franklin Elementary cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
11:22:36 AM	Franklin Center cafeteria	AM510	PM <sub>2.5</sub>	0.045	mg/m <sup>3</sup>
11:23:24 AM	Franklin Elementary cafeteria	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.



*Table 14: Greenmont  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
9:59:07 AM	Center of gym north side of building	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
9:59:15 AM	In center of gym northside of building	MultiRAE Plus	VOCs	< 0.1	ppm
10:01:07 AM	In center of gym on central north side of building	MultiRAE Plus	CO	< 1	ppm
10:02:43 AM	In center of Cafeteria on north central side of building	MultiRAE Plus	VOCs	< 0.1	ppm
10:02:50 AM	Center of cafeteria north side of building	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:03:50 AM	In center of cafeteria in north central side of building	MultiRAE Plus	CO	< 1	ppm
10:08:10 AM	North entrance hallway	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:08:29 AM	At north entrance	MultiRAE Plus	VOCs	< 0.1	ppm
10:09:37 AM	At north entrance	MultiRAE Plus	CO	< 1	ppm
10:11:48 AM	At south entrance	MultiRAE Plus	VOCs	< 0.1	ppm
10:11:48 AM	South entrance	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:12:53 AM	At south entrance	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 15: Jackson Middle School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
9:02:39 AM	In center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
9:03:00 AM	Center of gym	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
9:05:04 AM	In center of gym	MultiRAE Plus	CO	< 1	ppm
9:10:22 AM	At main entrance	MultiRAE Plus	VOCs	< 0.1	ppm
9:10:23 AM	Center of hallway front entrance	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
9:12:51 AM	At main entrance 15 ft from door	MultiRAE Plus	CO	< 1	ppm
9:15:25 AM	Intersection of hallway north side	MultiRAE Plus	VOCs	< 0.1	ppm
9:15:27 AM	North hallway intersection	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
9:16:58 AM	On north side of building at intersecting hallways	MultiRAE Plus	CO	< 1	ppm
9:21:03 AM	Intersecting hallways NE side of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:21:28 AM	North east hallway intersection	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
9:22:51 AM	Intersecting hallways NE side of building	MultiRAE Plus	CO	< 1	ppm
9:25:46 AM	Center of cafeteria SW side of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:25:53 AM	Center of cafeteria SW side of building	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
9:27:44 AM	Center of cafeteria SW side of building	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 16: Kanawha Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
9:17:53 AM	Kanawha Elementary School main entrance	MultiRAE Plus	CO	< 1	ppm
9:24:08 AM	Kanawha Elementary School main entrance	MultiRAE Plus	VOCs	< 0.1	ppm
9:25:45 AM	Kanawha Elementary School main entrance	AM510	PM <sub>2.5</sub>	0.035	mg/m <sup>3</sup>
9:28:29 AM	Kanawha cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
9:29:18 AM	Kanawha Elementary School gym	MultiRAE Plus	VOCs	< 0.1	ppm
9:30:32 AM	Kanawha cafeteria	MultiRAE Plus	CO	< 1	ppm
9:32:40 AM	Kanawha Elementary School gym	MultiRAE Plus	CO	< 1	ppm
9:34:02 AM	Kanawha Elementary School gym	AM510	PM <sub>2.5</sub>	0.023	mg/m <sup>3</sup>
9:37:38 AM	Kanawha Elementary School cafeteria	AM510	PM <sub>2.5</sub>	0.033	mg/m <sup>3</sup>
9:41:19 AM	Kanawha Elementary School NW hallway	AM510	PM <sub>2.5</sub>	0.035	mg/m <sup>3</sup>
9:43:25 AM	Kanawha Elementary School W hallway	AM510	PM <sub>2.5</sub>	0.028	mg/m <sup>3</sup>
9:43:18 AM	Kanawha west hallway	MultiRAE Plus	VOCs	< 0.1	ppm
9:44:34 AM	Kanawha west hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 17: Martin Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
12:23:47 PM	Martin Elementary cafeteria	AM510	PM <sub>2.5</sub>	0.027	mg/m <sup>3</sup>
12:24:12 PM	Martin Elementary School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
12:25:27 PM	Martin Elementary School cafeteria	MultiRAE Plus	CO	< 1	ppm
12:27:12 PM	Martin Elementary School gym	MultiRAE Plus	VOCs	< 0.1	ppm
12:27:15 PM	Martin Elementary gymnasium	AM510	PM <sub>2.5</sub>	0.026	mg/m <sup>3</sup>
12:27:57 PM	Martin Elementary School gym	MultiRAE Plus	CO	< 1	ppm
12:35:17 PM	Martin Elementary SE hallway	AM510	PM <sub>2.5</sub>	0.018	mg/m <sup>3</sup>
12:36:04 PM	Martin Elementary School SE hallway	MultiRAE Plus	VOCs	< 0.1	ppm
12:37:29 PM	Martin Elementary School SE hallway	MultiRAE Plus	CO	< 1	ppm
12:41:02 PM	Martin Elementary SW hallway	AM510	PM <sub>2.5</sub>	0.022	mg/m <sup>3</sup>
12:43:27 PM	Martin Elementary School SE hallway	MultiRAE Plus	VOCs	< 0.1	ppm
12:44:14 PM	Martin Elementary School SE hallway	MultiRAE Plus	CO	< 1	ppm
12:45:42 PM	Martin Elementary School pool	MultiRAE Plus	VOCs	< 0.1	ppm
12:45:50 PM	Martin Elementary pool	AM510	PM <sub>2.5</sub>	0.018	mg/m <sup>3</sup>
12:46:29 PM	Martin Elementary School pool	MultiRAE Plus	CO	< 1	ppm
12:48:35 PM	Martin Elementary School NW hallway	MultiRAE Plus	VOCs	< 0.1	ppm
12:48:38 PM	Martin Elementary NW hallway	AM510	PM <sub>2.5</sub>	0.017	mg/m <sup>3</sup>
12:49:26 PM	Martin Elementary School NW hallway	MultiRAE Plus	CO	< 1	ppm
12:51:50 PM	Martin Elementary NW hallway	AM510	PM <sub>2.5</sub>	0.027	mg/m <sup>3</sup>
12:52:02 PM	Martin Elementary School NW hallway	MultiRAE Plus	VOCs	< 0.1	ppm
12:52:39 PM	Martin Elementary School NW hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 18: Mineral Wells Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
10:06:46 AM	Mineral Wells Elementary School cafeteria	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
10:10:19 AM	Mineral Wells Elementary School cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
10:11:31 AM	Mineral Wells Elementary School cafeteria	MultiRAE Plus	CO	< 1	ppm
10:12:31 AM	Mineral Wells Elementary School gymnasium	MultiRAE Plus	VOCs	< 0.1	ppm
10:14:36 AM	Mineral Wells Elementary School gymnasium	MultiRAE Plus	CO	< 1	ppm
10:15:25 AM	Mineral Wells Elementary School gymnasium	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:20:22 AM	Mineral Wells Elementary SW hallway	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:20:33 AM	Mineral Wells School NW hallway	MultiRAE Plus	VOCs	< 0.1	ppm
10:22:17 AM	Mineral Wells School NW hallway	MultiRAE Plus	CO	< 1	ppm
10:22:26 AM	Mineral Wells Elementary SW hallway	MultiRAE Plus	VOCs	< 0.1	ppm
10:23:31 AM	Mineral Wells Elementary SW hallway	MultiRAE Plus	CO	< 1	ppm
10:23:54 AM	Mineral Wells library	MultiRAE Plus	VOCs	< 0.1	ppm
10:24:18 AM	Mineral Wells Elementary NW hallway	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
10:24:55 AM	Mineral Wells library	MultiRAE Plus	CO	< 1	ppm
10:25:49 AM	Mineral Wells Elementary library	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 19: Neale  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
8:32:20 AM	Center of gym	AM510	PM <sub>2.5</sub>	0.004	mg/m <sup>3</sup>
8:34:14 AM	Center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
8:39:58 AM	Center of gym	MultiRAE Plus	CO	< 1	ppm
8:41:24 AM	Center of cafeteria	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
8:41:39 AM	In center of cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
8:43:21 AM	In center of cafeteria	MultiRAE Plus	CO	< 1	ppm
8:46:44 AM	Hallway outside teacher lounge 2nd floor	AM510	PM <sub>2.5</sub>	0.005	mg/m <sup>3</sup>
8:46:44 AM	Hallway outside teacher lounge 2nd floor	MultiRAE Plus	VOCs	< 0.1	ppm
8:48:43 AM	Outside teacher lounge in hallway	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 20: Vienna  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
9:36:17 AM	Center of gym NW side of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:36:51 AM	Center of gym NW part of building	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
9:37:49 AM	Center of gym NW side of building	MultiRAE Plus	CO	< 1	ppm
9:39:31 AM	Center of cafeteria NW side of building	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
9:39:34 AM	NW side of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:40:41 AM	Center of cafeteria	MultiRAE Plus	CO	< 1	ppm
9:45:09 AM	Center hallway 2nd floor north central side of building	AM510	PM <sub>2.5</sub>	0.004	mg/m <sup>3</sup>
9:45:37 AM	In center of hallway north central side of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:47:08 AM	In center of hallway north central of building	MultiRAE Plus	CO	< 1	ppm
9:49:09 AM	Center of hallway southside of building	MultiRAE Plus	VOCs	< 0.1	ppm
9:49:20 AM	Center of hallway south side of building	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
9:50:22 AM	Center of hallway in southside of building	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 21: Waverly  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
11:22:06 AM	Center of cafeteria north side	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
11:23:10 AM	In center of cafeteria north side of building	MultiRAE Plus	VOCs	< 0.1	ppm
11:25:04 AM	In center of cafeteria on north side	MultiRAE Plus	CO	< 1	ppm
11:27:57 AM	Center hallway	MultiRAE Plus	VOCs	< 0.1	ppm
11:28:02 AM	Central hallway	AM510	PM <sub>2.5</sub>	0.004	mg/m <sup>3</sup>
11:29:04 AM	In center hallway	MultiRAE Plus	CO	< 1	ppm
11:31:10 AM	In center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
11:31:20 AM	Center of gym	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
11:32:47 AM	In center of gym	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.



*Table 22: Williamstown Elementary School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
10:31:10 AM	2nd level center of hallway	MultiRAE Plus	VOCs	< 0.1	ppm
10:31:23 AM	Center of hallway 2nd floor center of building	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
10:32:56 AM	Center of hallway on 2nd level	MultiRAE Plus	CO	< 1	ppm
10:34:48 AM	Center of hallway on 3rd floor	MultiRAE Plus	VOCs	< 0.1	ppm
10:35:05 AM	Center of hallway 3rd floor	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
10:35:42 AM	Center of hallway on 3rd floor	MultiRAE Plus	CO	< 1	ppm
10:37:53 AM	Center of gym	AM510	PM <sub>2.5</sub>	0.01	mg/m <sup>3</sup>
10:37:58 AM	Center of gymnasium	MultiRAE Plus	VOCs	< 0.1	ppm
10:39:11 AM	Center of gym	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 23: Williamstown High School  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
10:44:03 AM	Old gym	AM510	PM <sub>2.5</sub>	0.004	mg/m <sup>3</sup>
10:45:40 AM	Center of old gym NW side of building	MultiRAE Plus	VOCs	< 0.1	ppm
10:47:22 AM	Center of old gym	MultiRAE Plus	CO	< 1	ppm
10:50:36 AM	Center of new gym SW side of building	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:50:36 AM	Center of new gym SW side of building	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
10:50:44 AM	Center of new gym, SW side of building	MultiRAE Plus	VOCs	< 0.1	ppm
10:52:13 AM	Center of new gym	MultiRAE Plus	CO	< 1	ppm
10:54:44 AM	South central entrance	MultiRAE Plus	VOCs	< 0.1	ppm
10:54:45 AM	South central entrance	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
10:56:03 AM	South central entrance	MultiRAE Plus	CO	< 1	ppm
10:58:48 AM	Center of cafeteria on east side of building	MultiRAE Plus	VOCs	< 0.1	ppm
10:58:50 AM	Center of cafeteria east side of building	AM510	PM <sub>2.5</sub>	0.006	mg/m <sup>3</sup>
11:00:07 AM	Center of cafeteria on east side of building	MultiRAE Plus	CO	< 1	ppm
11:03:06 AM	Center hallway 2nd floor north side	MultiRAE Plus	VOCs	< 0.1	ppm
11:03:26 AM	Center hallway second floor	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
11:04:53 AM	Center hallway 2nd floor north side	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 24: MIS Data Building  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
11:31:59 AM	MIS Data Building behind Parkersburg South High School	AM510	PM <sub>2.5</sub>	0.038	mg/m <sup>3</sup>
11:38:00 AM	MIS Data Building behind Parkersburg South High School basement	AM510	PM <sub>2.5</sub>	0.038	mg/m <sup>3</sup>
11:37:03 AM	MIS Data Building main hallway	MultiRAE Plus	CO	< 1	ppm
11:38:11 AM	MIS Data Building basement	MultiRAE Plus	VOCs	< 0.1	ppm
11:35:55 AM	MIS Data Building main hallway	MultiRAE Plus	VOCs	< 0.1	ppm
11:39:20 AM	MIS Data Building basement	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 25: Wood County Physical Plant  
October 26, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
1:07:00 PM	Wood County Physical Plant maintenance department cafeteria	MultiRAE Plus	CO	< 1	ppm
1:06:06 PM	Wood County Physical Plant maintenance department cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
1:04:21 PM	Wood County Physical Plant maintenance department cafeteria	AM510	PM <sub>2.5</sub>	0.019	mg/m <sup>3</sup>
1:01:03 PM	Wood County Physical Plant maintenance department office	AM510	PM <sub>2.5</sub>	0.02	mg/m <sup>3</sup>
1:19:20 PM	Wood County Physical Plant maintenance department building 24	AM510	PM <sub>2.5</sub>	0.018	mg/m <sup>3</sup>
1:03:06 PM	Wood County Physical Plant maintenance department office hallway	MultiRAE Plus	VOCs	< 0.1	ppm
1:16:24 PM	Wood County Physical Plant maintenance department building 28	AM510	PM <sub>2.5</sub>	0.023	mg/m <sup>3</sup>
1:04:28 PM	Wood County Physical Plant maintenance department office hallway	MultiRAE Plus	CO	< 1	ppm
1:17:36 PM	Wood County Physical Plant maintenance department building 28	MultiRAE Plus	CO	< 1	ppm
1:19:37 PM	Wood County Physical Plant maintenance department building 24	MultiRAE Plus	VOCs	< 0.1	ppm
1:19:37 PM	Wood County Physical Plant maintenance department building 24	MultiRAE Plus	VOCs	< 0.1	ppm
1:20:13 PM	Wood County Physical Plant maintenance department building 24	MultiRAE Plus	CO	< 1	ppm
1:16:52 PM	Wood County Physical Plant maintenance department building 28	MultiRAE Plus	VOCs	< 0.1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 26: Madison Elementary  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
4:21:48 PM	Hallway east entrance	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
4:26:34 PM	At east entrance in hallway	MultiRAE Plus	VOCs	< 0.1	ppm
4:28:06 PM	At NE entrance	MultiRAE Plus	CO	< 1	ppm
4:30:50 PM	Center of cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
4:31:53 PM	Cafeteria	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
4:32:22 PM	Center of cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
4:34:30 PM	Center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
4:34:33 PM	Center of gym	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
4:35:43 PM	Center of gym	MultiRAE Plus	CO	< 1	ppm
4:37:00 PM	West hallway entrance	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
4:37:35 PM	West hallway entrance	MultiRAE Plus	VOCs	< 0.1	ppm
4:38:29 PM	West hallway entrance	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 27: McKinley Elementary  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration <sup>1</sup>	Units
5:29:00 PM	Center of cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
5:29:21 PM	Center of cafeteria	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
5:30:56 PM	Center of cafeteria	MultiRAE Plus	CO	< 1	ppm
5:33:41 PM	1st floor center of building	MultiRAE Plus	VOCs	< 0.1	ppm
5:33:43 PM	Center hallway 1st floor	AM510	PM <sub>2.5</sub>	0.009	mg/m <sup>3</sup>
5:35:55 PM	Center of building 1st floor hallway	MultiRAE Plus	CO	< 1	ppm
5:38:23 PM	Center of building in hallway 2nd floor	MultiRAE Plus	VOCs	< 0.1	ppm
5:38:28 PM	2nd floor center hallway	AM510	PM <sub>2.5</sub>	0.007	mg/m <sup>3</sup>
5:39:40 PM	2nd floor hallway center of building	MultiRAE Plus	CO	< 1	ppm
5:42:19 PM	Center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
5:42:24 PM	Center of gym	AM510	PM <sub>2.5</sub>	0.008	mg/m <sup>3</sup>
5:43:28 PM	Center of gym	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

*Table 28: VanDevender Middle School  
October 25, 2017*

Time	Location Description	Instrument	Analyte	Concentration	Units
5:58:20 PM	Center gym	AM510	PM2.5	0.008	mg/m3
5:58:38 PM	Center of gym	MultiRAE Plus	VOCs	< 0.1	ppm
6:00:45 PM	Center of gym	MultiRAE Plus	CO	< 1	ppm
6:02:40 PM	Front entrance on north side	MultiRAE Plus	VOCs	< 0.1	ppm
6:02:43 PM	Front entrance north side	AM510	PM2.5	0.009	mg/m3
6:04:22 PM	Front entrance on north side	MultiRAE Plus	CO	< 1	ppm
6:08:07 PM	Center of cafeteria	MultiRAE Plus	VOCs	< 0.1	ppm
6:08:09 PM	Center cafeteria	AM510	PM2.5	0.008	mg/m3
6:09:34 PM	Center of cafeteria	MultiRAE Plus	CO	< 1	ppm
6:14:13 PM	Intersection of hallway 2nd floor north side of building	MultiRAE Plus	VOCs	< 0.1	ppm
6:14:16 PM	Intersection hallway northside of building 2nd floor	AM510	PM2.5	0.007	mg/m3
6:15:33 PM	Intersection of hallways on north side of buildings	MultiRAE Plus	CO	< 1	ppm

<sup>1</sup>Maximum detections preceded by the "<" symbol are considered non-detections at the limit of detection (LoD) value to the right.

**Conclusion**

The results showed no detections of VOCs or CO at any location. The detections of PM<sub>2.5</sub> in all buildings are typical of the particle levels found in the indoor air of well-maintained and frequently cleaned buildings. No observations of odors indicative of fire smoke were noted at any time during the indoor air monitoring activities. Therefore, there were no findings of fire smoke impacts to the indoor air of any Wood County Schools buildings.

Please contact me if you have any questions or further needs.

A handwritten signature in black ink that reads "Paul Nony". The signature is written in a cursive style and is underlined with a single horizontal stroke.

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