

**TABLE 2
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Cafeteria				Kitchen	Main Office			Gym				
	5/6/21	8/6/21	9/18/21	11/11/21	5/6/21	5/6/21	5/28/21	11/11/21	5/28/21	8/6/21	8/31/21	9/18/21	11/11/21
Air-Phase Petroleum Hydrocarbons (MADEP-APH)													
1,3-Butadiene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Methyl t-butyl ether (MTBE)	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Benzene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Toluene	2.3	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	5	2	2.9	<i>1</i>	2.9	3.4	3.2	3.3
Ethylbenzene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
m&p-Xylene	4.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	9.3	2.6	2.2	2.3	4.4	3.5	<i>1</i>	2.8
o-Xylene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	2.5	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Total xylenes	4.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	12	2.6	2.2	2.3	4.4	3.5	<i>1</i>	2.8
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	410	140	6	27	180	920	180	19	150	1,000	460	6	25
C9-C12 Aliphatic Hydrocarbons	200	130	17	17	22	420	150	16	110	1,400	420	6	17
C9-C10 Aromatic Hydrocarbons	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>16</i>	<i>5</i>	<i>5</i>	<i>5</i>
Hazard Index - OSA (27-year)		0.31								2.8	1		
Hazard Index - OSA-IH (5 year)										1.7			

Results in ug/m3.

Most recent data

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Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

sampling.

**TABLE 2
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 104 Hallway		Library			Room 105				
	8/6/21	9/18/21	8/6/21	9/18/21	11/11/21	5/28/21	7/8/21	8/6/21	9/18/21	11/11/21
Air-Phase Petroleum Hydrocarbons										
1,3-Butadiene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Methyl t-butyl ether (MTBE)	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Benzene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	4.4	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Toluene	3	2.2	<i>1</i>	<i>1</i>	<i>1</i>	34	3.4	18	3.5	<i>1</i>
Ethylbenzene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	15	1.6	12	<i>1</i>	<i>1</i>
m&p-Xylene	4	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	84	8.6	69	21	3.2
o-Xylene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	22	2.5	19	6.4	<i>1</i>
Total xylenes	4	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	110	11.1	88	27	3.2
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	480	<i>6</i>	240	<i>6</i>	<i>6</i>	6,100	2,600	3,700	1,500	27
C9-C12 Aliphatic Hydrocarbons	530	<i>6</i>	290	130	<i>6</i>	3,900	2,100	3,100	1,400	19
C9-C10 Aromatic Hydrocarbons	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	67	35	62	25	<i>5</i>
Hazard Index - OSA (27-year)	1.2		0.84					8.3	3.5	
Hazard Index - OSA-IH (5 year)	0.75							5.5	2.3	

Results in ug/m3.

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* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

sampling.

**TABLE 2
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 106					Room 107					Room 108		
	5/28/21	8/2/2021*	8/6/21	9/18/21	11/11/21	5/28/21	7/8/21	8/6/21	9/18/21	11/11/21	8/6/21	9/18/21	11/11/21
Air-Phase Petroleum Hydrocarbons													
1,3-Butadiene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Methyl t-butyl ether (MTBE)	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Benzene	2.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Toluene	34	5.9	7.5	<i>1</i>	<i>1</i>	15	5.5	11	<i>1</i>	<i>1</i>	7.5	5.4	2.3
Ethylbenzene	32	7.9	9.9	<i>1</i>	<i>1</i>	14	4.2	13	2	<i>1</i>	5.7	3.2	<i>1</i>
m&p-Xylene	160	43	51	<i>1</i>	<i>1</i>	75	20	58	11	3.1	22	16	2
o-Xylene	48	16	18	<i>1</i>	<i>1</i>	19	4.9	16	3.9	<i>1</i>	6.1	5.3	<i>1</i>
Total xylenes	210	59	69	<i>1</i>	<i>1</i>	94	24	74	15	3.1	28	21	2
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	11,000	2,600	3,600	17	89	4,900	1,600	3,700	620	60	1,700	1,400	24
C9-C12 Aliphatic Hydrocarbons	16,000	11,000	8,400	48	180	7,800	1,600	3,800	1,500	75	830	1,700	46
C9-C10 Aromatic Hydrocarbons	320	150	150	5	5	110	22	62	20	5	5	22	5
Hazard Index - OSA (27-year)			15					9	2.6		3	3.7	
Hazard Index - OSA-IH (5 year)			7.4					5.8	1.3		2.3	2.3	

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**TABLE 2
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 109			Room 205			Mass DEP Commercial/Industrial Threshold Values
	8/6/21	9/18/21	11/11/21	8/6/21	9/18/21	11/11/21	
Air-Phase Petroleum Hydrocarbons							
1,3-Butadiene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	
Methyl t-butyl ether (MTBE)	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	2700
Benzene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	11
Toluene	<i>1</i>	3.8	<i>1</i>	2.8	<i>1</i>	<i>1</i>	4400
Ethylbenzene	<i>1</i>	4.5	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	880
m&p-Xylene	2	<i>1</i>	<i>1</i>	3	<i>1</i>	<i>1</i>	see total xylenes
o-Xylene	<i>1</i>	2.3	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	
Total xylenes	2	6.8	<i>1</i>	3	<i>1</i>	<i>1</i>	88
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	2.7
C5-C8 Aliphatic Hydrocarbons	450	670	26	470	6	25	330
C9-C12 Aliphatic Hydrocarbons	420	660	34	340	6	6	220
C9-C10 Aromatic Hydrocarbons	5	5	5	5	5	5	44
Hazard Index - OSA (27-year)	1	1.5		0.93			
Hazard Index - OSA-IH (5 year)		1					

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