

**TABLE 5
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Cafeteria					Kitchen	Main Office					Room 104 Hallway	
	5/6/21	8/6/21	9/18/21	11/11/21	3/12/22	5/6/21	5/6/21	5/28/21	11/11/21	3/12/22	8/6/21	9/18/21	
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>	
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>	
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>	
Toluene	2.3	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	5	2	2.9	3.2	3	2.2	
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>	
m&p-Xylene	4.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	9.3	2.6	2.2	2	4	<i>1</i>	
o-Xylene	<i>1</i>	<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>	
Total xylenes	4.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	12	2.6	2.2	2	4	<i>1</i>	
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>	
C5-C8 Aliphatic Hydrocarbons	410	140	6	27	6	180	920	180	19	6	480	6	
C9-C12 Aliphatic Hydrocarbons	200	130	17	17	6	22	420	150	16	6	530	6	
C9-C10 Aromatic Hydrocarbons	5	5	5	5	5	5	5	5	5	5	5	5	
Hazard Index - OSA (27-year)		0.31									1.2		
Hazard Index - OSA-IH (5 year)											0.75		

Results in ug/m3.

Most recent data

italic = not detected; listed value is

is 1/2 the lab detection limit

Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

Jan 22 and March 12 sampling.

**TABLE 5
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Gym							Library				
	5/28/21	8/6/21	8/31/21	9/18/21	11/11/21	1/22/22	3/12/22	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22
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>
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>
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>
Toluene	<i>1</i>	2.9	3.4	3.2	3.3	<i>1</i>	4.3	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
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>
m&p-Xylene	2.3	4.4	3.5	<i>1</i>	2.8	<i>1</i>	2.4	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
o-Xylene	<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>
Total xylenes	2.3	4.4	3.5	<i>1</i>	2.8	<i>1</i>	2.8	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>1</i>	<i>1</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>1</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	150	1,000	460	<i>6</i>	25	<i>5</i>	<i>5</i>	240	<i>6</i>	<i>6</i>	<i>5</i>	<i>6</i>
C9-C12 Aliphatic Hydrocarbons	110	1,400	420	<i>6</i>	17	40	13	290	130	<i>6</i>	43	<i>6</i>
C9-C10 Aromatic Hydrocarbons	<i>5</i>	<i>16</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>6</i>	<i>6</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>6</i>	<i>5</i>
Hazard Index - OSA (27-year)		2.8	1					0.84				
Hazard Index - OSA-IH (5 year)		1.7										

Results in ug/m3.

Most recent data

italic = not detected; listed value is

is 1/2 the lab detection limit

Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

Jan 22 and March 12 sampling.

**TABLE 5
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 105							Room 106						
	5/28/21	7/8/21	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22	5/28/21	8/2/2021*	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22
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>	<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>	<i>1</i>
Benzene	4.4	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	2.6	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Toluene	34	3.4	18	3.5	<i>1</i>	2.7	<i>1</i>	34	5.9	7.5	<i>1</i>	<i>1</i>	2.1	<i>1</i>
Ethylbenzene	15	1.6	12	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	32	7.9	9.9	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
m&p-Xylene	84	8.6	69	21	3.2	<i>1</i>	<i>1</i>	160	43	51	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
o-Xylene	22	2.5	19	6.4	<i>1</i>	<i>1</i>	<i>1</i>	48	16	18	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Total xylenes	110	11.1	88	27	3.2	<i>1</i>	<i>1</i>	210	59	69	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>1</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>1</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	6,100	2,600	3,700	1,500	27	5	6	11,000	2,600	3,600	17	89	5	6
C9-C12 Aliphatic Hydrocarbons	3,900	2,100	3,100	1,400	19	110	6	16,000	11,000	8,400	48	180	84	6
C9-C10 Aromatic Hydrocarbons	67	35	62	25	5	6	5	320	150	150	5	5	6	5
Hazard Index - OSA (27-year)			8.3	3.5						15				
Hazard Index - OSA-IH (5 year)			5.5	2.3						7.4				

Results in ug/m3.

Most recent data

italic = not detected; listed value is

is 1/2 the lab detection limit

Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

Jan 22 and March 12 sampling.

**TABLE 5
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 107							Room 108				
	5/28/21	7/8/21	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22
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>
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>
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>
Toluene	15	5.5	11	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	7.5	5.4	2.3	<i>1</i>	<i>1</i>
Ethylbenzene	14	4.2	13	2	<i>1</i>	<i>1</i>	<i>1</i>	5.7	3.2	<i>1</i>	<i>1</i>	<i>1</i>
m&p-Xylene	75	20	58	11	3.1	<i>1</i>	<i>1</i>	22	16	2	<i>1</i>	<i>1</i>
o-Xylene	19	4.9	16	3.9	<i>1</i>	<i>1</i>	<i>1</i>	6.1	5.3	<i>1</i>	<i>1</i>	<i>1</i>
Total xylenes	94	24	74	15	3.1	<i>1</i>	<i>1</i>	28	21	2	<i>1</i>	<i>1</i>
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>1</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>1</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	4,900	1,600	3,700	620	60	5	6	1,700	1,400	24	5	6
C9-C12 Aliphatic Hydrocarbons	7,800	1,600	3,800	1,500	75	29	6	830	1,700	46	28	6
C9-C10 Aromatic Hydrocarbons	110	22	62	20	5	6	5	5	22	5	6	5
Hazard Index - OSA (27-year)			9	2.6				3	3.7			
Hazard Index - OSA-IH (5 year)			5.8	1.3				2.3	2.3			

Results in ug/m3.

Most recent data

italic = not detected; listed value is

is 1/2 the lab detection limit

Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

Jan 22 and March 12 sampling.

**TABLE 5
SUMMARY OF INDOOR AIR QUALITY RESULTS**

	Room 109					Room 205				Mass DEP Commercial/Industrial Threshold Values	Mass DEP Residential Threshold Values
	8/6/21	9/18/21	11/11/21	1/22/22	3/12/22	8/6/21	9/18/21	11/11/21	3/12/22		
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>		
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>	2700	39
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>	11	2.3
Toluene	<i>1</i>	3.8	<i>1</i>	<i>1</i>	<i>1</i>	2.8	<i>1</i>	<i>1</i>	<i>1</i>	4400	54
Ethylbenzene	<i>1</i>	4.5	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	880	7.4
m&p-Xylene	2	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	3	<i>1</i>	<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>	<i>1</i>	<i>1</i>	<i>1</i>		
Total xylenes	2	6.8	<i>1</i>	<i>1</i>	<i>1</i>	3	<i>1</i>	<i>1</i>	<i>1</i>	88	20
Naphthalene	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>5</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	2.7	0.6
C5-C8 Aliphatic Hydrocarbons	450	670	26	<i>5</i>	<i>6</i>	470	<i>6</i>	25	<i>6</i>	330	58
C9-C12 Aliphatic Hydrocarbons	420	660	34	250	<i>6</i>	340	<i>6</i>	<i>6</i>	<i>6</i>	220	68
C9-C10 Aromatic Hydrocarbons	<i>5</i>	<i>5</i>	<i>5</i>	<i>6</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	44	10
Hazard Index - OSA (27-year)	<i>1</i>	<i>1.5</i>		<i>0.29</i>		<i>0.93</i>					
Hazard Index - OSA-IH (5 year)		<i>1</i>									

Results in ug/m3.

Most recent data

italic = not detected; listed value is

is 1/2 the lab detection limit

Bold = analyte detected.

* SSD pilot operating during

Room 106 Aug 2 sampling

SSD operating during Nov. 11

Jan 22 and March 12 sampling.