

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

	Cafeteria			Kitchen	Main Office		Gym				Room 104 Hallway	
	5/6/2021	8/6/2021	9/18/2021	5/6/2021	5/6/2021	5/28/2021	5/28/2021	8/6/2021	8/31/2021	9/18/2021	8/6/2021	9/18/2021
<b>Air-Phase Petroleum Hydrocarbons (MADEP-APH)</b>												
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	<b>2.3</b>	<i>1</i>	<i>1</i>	<i>1</i>	<b>5</b>	<b>2</b>	<i>1</i>	<b>2.9</b>	<b>3.4</b>	<b>3.2</b>	<b>3</b>	<b>2.2</b>
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	<b>4.6</b>	<i>1</i>	<i>1</i>	<i>1</i>	<b>9.3</b>	<b>2.6</b>	<b>2.3</b>	<b>4.4</b>	<b>3.5</b>	<i>1</i>	<b>4</b>	<i>1</i>
o-Xylene	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<b>2.5</b>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
Total xylenes	<b>4.6</b>	<i>1</i>	<i>1</i>	<i>1</i>	<b>12</b>	<b>2.6</b>	<b>2.3</b>	<b>4.4</b>	<b>3.5</b>	<i>1</i>	<b>4</b>	<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	<b>410</b>	<b>140</b>	<b>6</b>	<b>180</b>	<b>920</b>	<b>180</b>	<b>150</b>	<b>1,000</b>	<b>460</b>	<b>6</b>	<b>480</b>	<b>6</b>
C9-C12 Aliphatic Hydrocarbons	<b>200</b>	<b>130</b>	<b>17</b>	<b>22</b>	<b>420</b>	<b>150</b>	<b>110</b>	<b>1,400</b>	<b>420</b>	<b>6</b>	<b>530</b>	<b>6</b>
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>16</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>
Hazard Index - OSA (27-year)		0.31						2.8	1		1.2	
Hazard Index - OSA-IH (5 year)								1.7			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

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

	Library		Room 105				Room 106			
	8/6/2021	9/18/2021	5/28/2021	7/8/2021	8/6/2021	9/18/2021	5/28/2021	8/2/2021*	8/6/2021	9/18/2021
<b>Air-Phase Petroleum Hydrocarbons</b>										
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>	<b>4.4</b>	<i>1</i>	<i>1</i>	<i>1</i>	<b>2.6</b>	<i>1</i>	<i>1</i>	<i>1</i>
Toluene	<i>1</i>	<i>1</i>	<b>34</b>	<b>3.4</b>	<b>18</b>	<b>3.5</b>	<b>34</b>	<b>5.9</b>	<b>7.5</b>	<i>1</i>
Ethylbenzene	<i>1</i>	<i>1</i>	<b>15</b>	<b>1.6</b>	<b>12</b>	<i>1</i>	<b>32</b>	<b>7.9</b>	<b>9.9</b>	<i>1</i>
m&p-Xylene	<i>1</i>	<i>1</i>	<b>84</b>	<b>8.6</b>	<b>69</b>	<b>21</b>	<b>160</b>	<b>43</b>	<b>51</b>	<i>1</i>
o-Xylene	<i>1</i>	<i>1</i>	<b>22</b>	<b>2.5</b>	<b>19</b>	<b>6.4</b>	<b>48</b>	<b>16</b>	<b>18</b>	<i>1</i>
Total xylenes	<i>1</i>	<i>1</i>	<b>110</b>	<b>11.1</b>	<b>88</b>	<b>27</b>	<b>210</b>	<b>59</b>	<b>69</b>	<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>
C5-C8 Aliphatic Hydrocarbons	<b>240</b>	<b>6</b>	<b>6,100</b>	<b>2,600</b>	<b>3,700</b>	<b>1,500</b>	<b>11,000</b>	<b>2,600</b>	<b>3,600</b>	<b>17</b>
C9-C12 Aliphatic Hydrocarbons	<b>290</b>	<b>130</b>	<b>3,900</b>	<b>2,100</b>	<b>3,100</b>	<b>1,400</b>	<b>16,000</b>	<b>11,000</b>	<b>8,400</b>	<b>48</b>
C9-C10 Aromatic Hydrocarbons	<b>5</b>	<b>5</b>	<b>67</b>	<b>35</b>	<b>62</b>	<b>25</b>	<b>320</b>	<b>150</b>	<b>150</b>	<b>5</b>
Hazard Index - OSA (27-year)	0.84				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

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

	Room 107				Room 108		Room 109		Room 205		Mass DEP Commercial/Industrial Threshold Values
	5/28/2021	7/8/2021	8/6/2021	9/18/2021	8/6/2021	9/18/2021	8/6/2021	9/18/2021	8/6/2021	9/18/2021	
<b>Air-Phase Petroleum Hydrocarbo</b>											
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>	2700
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>	11
Toluene	<b>15</b>	<b>5.5</b>	<b>11</b>	<i>1</i>	<b>7.5</b>	<b>5.4</b>	<i>1</i>	<b>3.8</b>	<b>2.8</b>	<i>1</i>	4400
Ethylbenzene	<b>14</b>	<b>4.2</b>	<b>13</b>	<b>2</b>	<b>5.7</b>	<b>3.2</b>	<i>1</i>	<b>4.5</b>	<i>1</i>	<i>1</i>	880
m&p-Xylene	<b>75</b>	<b>20</b>	<b>58</b>	<b>11</b>	<b>22</b>	<b>16</b>	<b>2</b>	<i>1</i>	<b>3</b>	<i>1</i>	see total xylenes
o-Xylene	<b>19</b>	<b>4.9</b>	<b>16</b>	<b>3.9</b>	<b>6.1</b>	<b>5.3</b>	<i>1</i>	<b>2.3</b>	<i>1</i>	<i>1</i>	
Total xylenes	<b>94</b>	<b>24</b>	<b>74</b>	<b>15</b>	<b>28</b>	<b>21</b>	<b>2</b>	<b>6.8</b>	<b>3</b>	<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>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	2.7
C5-C8 Aliphatic Hydrocarbons	<b>4,900</b>	<b>1,600</b>	<b>3,700</b>	<b>620</b>	<b>1,700</b>	<b>1,400</b>	<b>450</b>	<b>670</b>	<b>470</b>	<b>6</b>	330
C9-C12 Aliphatic Hydrocarbons	<b>7,800</b>	<b>1,600</b>	<b>3,800</b>	<b>1,500</b>	<b>830</b>	<b>1,700</b>	<b>420</b>	<b>660</b>	<b>340</b>	<b>6</b>	220
C9-C10 Aromatic Hydrocarbons	<b>110</b>	<b>22</b>	<b>62</b>	<b>20</b>	<b>5</b>	<b>22</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	44
Hazard Index - OSA (27-year)			9	2.6	3	3.7	1	1.5	0.93		
Hazard Index - OSA-IH (5 year)			5.8	1.3	2.3	2.3		1			

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