### CISB Air Quality Index & Protocols for School Activities

<table>
<thead>
<tr>
<th>PM 2.5 Concentration (µg/m³)</th>
<th>AQI</th>
<th>Air Quality Description</th>
<th>Grade</th>
<th>Color</th>
<th>Measure to be Taken</th>
<th>Outside play?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0-12.0</td>
<td>0-50</td>
<td>Excellent</td>
<td>1</td>
<td>Green</td>
<td>Daily activities not affected</td>
<td>YES</td>
</tr>
<tr>
<td>12.1-35.4</td>
<td>51-100</td>
<td>Good</td>
<td>2</td>
<td>Green</td>
<td>Daily activities not affected</td>
<td>YES</td>
</tr>
</tbody>
</table>
| 35.5-55.4                    | 101-150| Unhealthy for sensitive groups /Slight pollution | 3A    | Yellow| • Daily activities not affected.  
  • Although general public is not likely to be affected at this AQI range, people with lung disease, older adults and children are at a greater risk from exposure to ozone, whereas persons with heart and lung disease, older adults and children are at greater risk from the presence of particles in the air.  
  • The following groups should reduce prolonged or heavy outdoor exertion: people with lung disease, such as asthma; children and older adults; people who are active outdoors. Recommended those reduce and limit outdoor activity. | YES           |
| 55.5-150.4                   | 151-200| "Unhealthy" /Light pollution               | 3B    | Yellow| • Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects.  
  • The following groups should avoid prolonged or heavy outdoor exertion: people with lung disease, such as asthma; children and older adults; people who are active outdoors. Recommended those reduce and limit outdoor activity. | YES  
  Grades: 1 to 12 |
| 150.5-200.4                  | 201-250| "Very Unhealthy" /Moderate-heavy pollution | 4A    | Orange| • This would trigger a health alert signifying that everyone may experience more serious health effects.  
  • All individuals are at risk for having symptoms due to the increased pollution. Those with lung and heart conditions should stay indoors and reduce physical activities. | NO  
  Grades: All Grades |
| 200.5-250.4                  | 251-300| "Very Unhealthy" /Moderate-heavy pollution | 4B    | Red   | • This would trigger a health alert signifying that everyone may experience more serious health effects.  
  • All individuals are at risk for having symptoms due to the increased pollution. Those with lung and heart conditions should stay indoors and reduce physical activities. | NO           |
| 250.5-500                    | >300 | "Hazardous" /heavy pollution               | 5     | Purple| • This would trigger a health warning of emergency conditions. The entire population is more likely to be affected.  
  • Symptoms may be increased due to the high air pollution levels. Recommended that all individuals should avoid outdoor activities. | NO           |