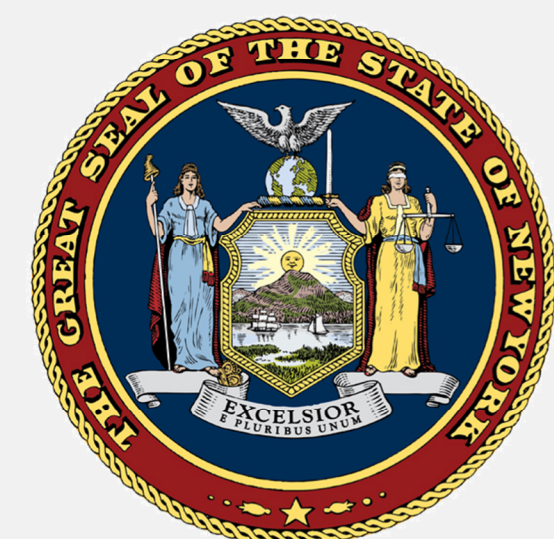


Air Quality Analysis Results

- The Build Alternative would result in slight increases in concentrations of PM2.5 near the tunnel portals. The concentrations would be well below the standards, as shown in the table below. Measures that would avoid or minimize the air quality effects at the portals have been included in the Project.
- Results shown below are for the single receptor with the highest concentration. The concentration would be lower at all other receptors.

| | 2027-Highest No Build to Build Increase (µg/m3) | 2047-Highest No Build to Build Increase (µg/m3) | 2027 Total Build (w/background) | | 2047 Total Build (w/background) | | NAAQS (µg/m3) |
|-------------------|---|---|---------------------------------|---------------------|---------------------------------|---------------------|---------------|
| | | | Concentration (µg/m3) | Percent of Standard | Concentration (µg/m3) | Percent of Standard | |
| Annual Avg. PM2.5 | +0.4 | +0.3 | 7.5 | 62.5% | 7.3 | 60.8% | 12 (100%) |
| 24-hr PM2.5 | +0.8 | +0.6 | 18.7 | 53.4% | 18.3 | 52.6% | 35 (100%) |

NAAQS: National Ambient Air Quality Standards



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