

SUMMATION OF MODELED IMPACTS (STANDARD 2)

Heidelberg Materials Southeast Aggregates , LLC

Pollutant	2015 Modeled Impact (µg/m³)	2016 Modeled Impact (µg/m³)	2017 Modeled Impact (µg/m³)	2018 Modeled Impact (µg/m³)	2019 Modeled Impact (µg/m³)	Background (µg/m³)	Total Impact (µg/m³)	Standard (µg/m³)	PASS?
PM <sub>10</sub> 24-hr	111.70					37	148.70	150	YES
PM <sub>2.5</sub> 24-hr	20.04					11.4	31.44	35	YES
PM <sub>2.5</sub> Annual	4.66					6.8	11.46	12	YES

Notes:

The PM<sub>10</sub> 24-hr modeled impact is the maximum average high-6th-high 24-hr result over 5 years

The PM<sub>2.5</sub> 24-hr modeled impact is the maximum average 1st high 24-hr result over 5 years

The PM<sub>2.5</sub> annual modeled impact is the maximum average high annual result over 5 years

Background concentrations for pollutants obtained from "SCDES BACKGROUND CONCENTRATIONS FOR MODELING PURPOSES" spreadsheet updated 9/10/2025

PM<sub>10</sub> used Jenkins Ave/North Charleston FS.