

**Table 3-5
Seneca Meadows, Inc.
Landfill Expansion DGEIS
New York State and Federal Ambient Air Quality Standards**

Pollutant ¹	Average Period	New York State Standards			Corresponding Federal Standards					
		Conc.	Units	Statistic ²	Primary Standard		Secondary Standard			
					Conc.	Units ³	Statistic	Conc.	Units	Statistic
Sulfur Dioxide	12 consecutive months	0.03	PPM	Arithmetic Mean (A.M)	80	µg/m ³	A.M.			
	24-hour	0.14	PPM	Maximum	365	µg/m ³	Maximum			
	3-hour	0.5	PPM	Maximum				1300	µg/m ³	Maximum
Carbon Monoxide	8-hour	9	PPM	Maximum	10	µg/m ³	Maximum	10	µg/m ³	Maximum
	1-hour	35	PPM	Maximum	40	µg/m ³	Maximum	40	µg/m ³	Maximum
Ozone ⁴	1-hour	0.12	PPM	Maximum	235	µg/m ³	Maximum	235	µg/m ³	Maximum
	8-hour	0.08	PPM	Maximum	157	µg/m ³	Maximum	157	µg/m ³	Maximum
	3-hour (6-9 am)	0.24	PPM	Maximum						
Hydrocarbons (non-methane)										
Nitrogen Dioxide	12 consecutive months	0.05	PPM	Maximum	100	µg/m ³	A.M	100	µg/m ³	A.M.
Lead ⁵	3 consecutive months				1.5	µg/m ³	Maximum			
Fine Particulate Matter (PM2.5)	12 consecutive months				15	µg/m ³	A.M.	15	µg/m ³	A.M.
	24-hours				65	µg/m ³	Maximum	65	µg/m ³	Maximum
Inhalable Particulates (PM10) ⁶	12 consecutive months				50	µg/m ³	A.M.	50	µg/m ³	A.M.
	24-hours				150	µg/m ³	Maximum	150	µg/m ³	Maximum
Total Suspended Particulates (TSP) ⁷	12 consecutive months	75	µg/m ³	Geometric Mean (G.M.)						
	24-hours	250	µg/m ³	Maximum	260	µg/m ³	Maximum	150	µg/m ³	Maximum

Footnotes

- ¹ New York State also has standards for beryllium, fluorides, hydrogen sulfide, and settleable particulates (dustfall). Ambient monitoring for these pollutants is not currently conducted.
- ² All maximum values are concentrations not to be exceeded more than once per calendar year. (Federal Ozone Standard not to be exceeded more than three days in three calendar years).
- ³ Gaseous concentrations for Federal standards are corrected to a reference temperature of 25°C and to a reference pressure of 760 millimeters of mercury.
- ⁴ Former NYS Standard for ozone of 0.08 PPM was not officially revised via regulatory process to coincide with the Federal standard of 0.12 PPM which is currently being applied by NYS to determine compliance status.
- ⁵ Federal standard for lead not yet officially adopted by NYS, but is currently being applied to determine compliance status.
- ⁶ Federal standard for PM₁₀ not yet officially adopted by NYS, but is currently being applied to determine compliance status.
- ⁷ New York State also has 30, 60, and 90-day standards as well as geometric mean standards of 45, 55, and 65 µg/m³ in Part 257 of NYCRR. While these TSP standards have been superseded by the above PM10 standards, TSP measurements may still serve as surrogates to PM10 measurements in the determination of compliance status.