

Air Pollution Report

1st January to 31st December 2018

South Holland Westmere School (Site ID: SHOL)

These data have been fully ratified

Only relevant statistics for LAQM are presented in the table. Cells with - indicate no data available or calculated.

Pollutant	O ₃ µg/m ³	NO µg/m ³	NO ₂ µg/m ³	NO _x asNO ₂ µg/m ³	PM ₁₀ µg/m ³
Number Days Low	354	-	365	-	364
Number Days Moderate	21	-	0	-	1
Number Days High	1	-	0	-	0
Number Days Very High	0	-	0	-	0
Max 8 Hour Ozone	162	-	-	-	-
Max Daily Mean	110	13	36	56	58
Annual Max	177	72	65	154	114
Annual Mean	54	2	9	12	15
98th Percentile of daily mean	-	-	-	-	34
90th Percentile of daily mean	-	-	-	-	23
99.8th Percentile of hourly mean	-	-	49	-	-
98th Percentile of hourly mean	103	8	35	46	39
95th Percentile of hourly mean	91	4	26	33	31
50th Percentile of hourly mean	54	1	7	9	14
% Annual data capture	96.21%	99.53%	99.52%	99.52%	98.73%

Instruments:

PM₁₀: Conventional TEOM Gravimetric Equivalent (VCM correction applied)

All gaseous pollutant mass units are at 20°C and 1013mb. Particulate matter concentrations are reported at ambient temperature and pressure. NO_x mass

units are NO_x as NO₂ µg m⁻³

Pollutant	Air Quality Standards regulations 2010	Exceedances	Days
PM ₁₀ particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	1	1
PM ₁₀ particulate matter (Hourly measured)	Annual mean > 40 microgrammes per metre cubed	0	-
Nitrogen dioxide	Hourly Mean > 200 microgrammes per metre cubed	0	0
Nitrogen dioxide	Annual Mean > 40 microgrammes per metre cubed	0	-
Ozone	8-hour running mean > 100 microgrammes per metre cubed	137	21

Annual Graph

