

# Air Pollution Report

1st January to 31st December 2017

## 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 <sub>3</sub> µg/m <sup>3</sup>	NO µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>x</sub> asNO <sub>2</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
Number Days Low	365	-	365	-	352
Number Days Moderate	7	-	0	-	1
Number Days High	0	-	0	-	0
Number Days Very High	0	-	0	-	0
Max 8 Hour Ozone	140	-	-	-	-
Max Daily Mean	92	47	50	115	53
Annual Max	164	84	67	167	73
Annual Mean	46	2	11	14	14
98th Percentile of daily mean	-	-	-	-	37
90th Percentile of daily mean	-	-	-	-	23
99.8th Percentile of hourly mean	-	-	58	-	-
98th Percentile of hourly mean	88	13	41	60	41
95th Percentile of hourly mean	81	5	29	37	33
50th Percentile of hourly mean	46	1	8	10	12
% Annual data capture	99.54%	99.69%	99.69%	99.69%	95.55%

### Instruments:

PM<sub>10</sub>: 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<sub>x</sub> mass

units are NO<sub>x</sub> as NO<sub>2</sub> µg m<sup>-3</sup>

Pollutant	Air Quality Standards regulations 2010	Exceedances	Days
PM <sub>10</sub> particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	1	1
PM <sub>10</sub> 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	32	7

# Annual Graph

