

# Air Pollution Report

1st January to 31st December 2014

## 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	363	-	365	-	363
Number Days Moderate	9	-	0	-	0
Number Days High	0	-	0	-	0
Number Days Very High	0	-	0	-	0
Max 8 Hour Ozone	157	-	-	-	-
Max Daily Mean	96	37	38	95	47
Annual Max	164	117	59	233	94
Annual Mean	51	2	12	15	18
98th Percentile of daily mean	-	-	-	-	35
90th Percentile of daily mean	-	-	-	-	25
99.8th Percentile of hourly mean	-	-	48	-	-
98th Percentile of hourly mean	92	14	36	52	42
95th Percentile of hourly mean	84	6	29	38	35
50th Percentile of hourly mean	52	0	10	11	16
<b>% Annual data capture</b>	<b>99.22%</b>	<b>99.58%</b>	<b>99.58%</b>	<b>99.58%</b>	<b>98.86%</b>

### Instruments:

PM<sub>10</sub>: Conventional TEOM Gravimetric Equivalent

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 standard	Exceedances	Days
PM <sub>10</sub> particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	0	0
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	58	9

# Annual Graph

South Holland Westmere School 01/01/2014 - 31/12/2014

