Air Pollution Report

1st January to 31st December 2016

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/m³	NO µg/m³	NO_2 µg/m³	NO_xasNO_2 µg/m³	PM_{10} µg/m³
Number Days Low	337	-	366	-	358
Number Days Moderate	4	-	0	-	1
Number Days High	0	-	0	-	0
Number Days Very High	0	-	0	-	0
Max 8 Hour Ozone	125	-	-	-	-
Max Daily Mean	97	62	45	131	53
Annual Max	138	96	59	191	77
Annual Mean	47	3	11	15	14
98th Percentile of daily mean	-	-	-	-	32
90th Percentile of daily mean	-	-	-	-	21
99.8th Percentile of hourly mean	-	-	52	-	-
98th Percentile of hourly mean	92	20	38	67	36
95th Percentile of hourly mean	86	9	33	44	30
50th Percentile of hourly mean	46	1	8	10	12
% Annual data capture	**90.18%**	**99.09%**	**99.09%**	**99.09%**	**97.47%**

Instruments:

PM_{10}: 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

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units are NO_X as NO_2 µg m-3

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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	28	4

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Annual Graph

South Holland Westmere School 01/01/2016 - 31/12/2016

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