REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.10.26 00:00 – 2026.11.01 23:00 (UTC-07:00)**	**2026.11.04**	**lou.zylstra@ebresources.com**

Report summary

AI-generated · Report-wide overview

This individual sensor report for equipment SL052301 at the Murphy facility covers data on Hydrogen Sulfide (H2S-10), Sulfur Dioxide (SO2-20), Total VOC - PID (TVOC-P-40), and Sound Intensity Level - Class II (SND-LVL-C2) over the monitored period. The sensors recorded their respective pollutant concentrations and sound levels with no exceedances reported. Multiple flatline events were detected and justified in some chemical sensors, while spikes and frequency trends were observed in the sound intensity sensor data, indicating variations in sound levels during this week.

- No exceedances were observed in Hydrogen Sulfide, Sulfur Dioxide, Total VOC, and Sound Intensity Level sensors, with exceedance percent at 0 for all.
- Hydrogen Sulfide (H2S) and Sulfur Dioxide (SO2) concentrations stayed at or near zero levels, with maximum daily readings for SO2 between 0.004 and 0.035 ppm.
- Total VOC (TVOC-P-40) levels were very low, with maximum values up to 0.004 ppm across monitored days.
- Sound Intensity Level (SND-LVL-C2) showed daily maximums ranging from 64.1 to 70.1 dBA, with spikes detected and frequency trending higher than usual.
- Several justified flatline events were detected for H2S-10 and TVOC-P-40 sensors, indicating periods of stable or non-varying readings.

Sensor roster

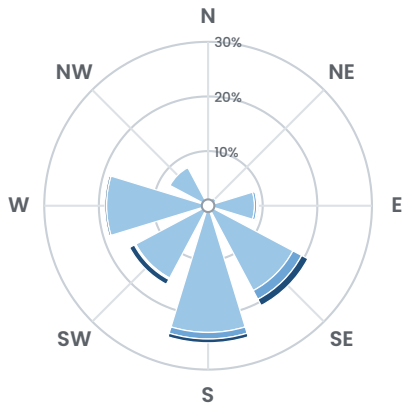
One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5546	Concentration	SL052301	N/A	0	3	AQI	Normal
5549	Concentration	SL052301	N/A	0	0	AQI	Normal
5556	Concentration	SL052301	N/A	0	93	AQI	Normal
5594	Concentration	SL052301	N/A	0	17	—	Normal

All 4 sensor records in this report. Rows use existing dataset statuses only — no aggregate health score is synthesised.

Site conditions — wind

Facility-level · shown once



Prevailing direction · South **Avg speed** · 1.5 m/s

0–2 m/s 2–4 m/s 4–6 m/s 6–8 m/s 8+ m/s

Wind is reported at the facility level for the whole period. When the payload carries no wind layer this section is omitted entirely and the roster reflows upward — no empty placeholder.

Hydrogen Sulfide

Sensor 5546 · Concentration · ppm

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5546**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**3**

Air quality — Standard AQI

Resolved scheme · Standard AQI

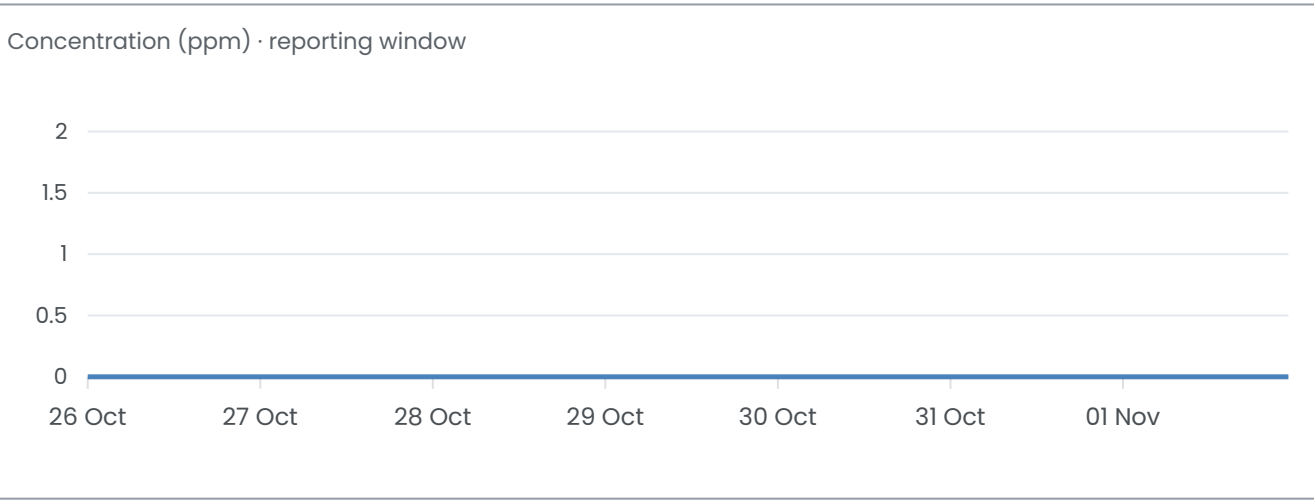


Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**167 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

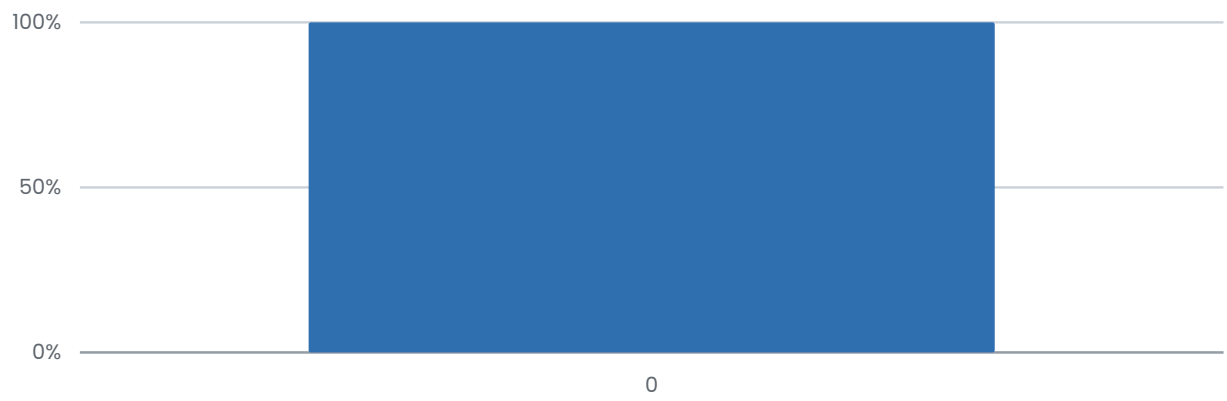
No significant trend. Data trend shows no significant trend

Hydrogen Sulfide · Sensor 5546 — supporting analysis (continued)

Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min–max range with mean (ppm)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 25, 22:48 – Oct 27, 13:57	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	2382
Oct 27, 13:59 – Nov 1, 07:22	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	6946
Nov 1, 07:32 – Nov 4, 13:43	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	4776

Sulfur Dioxide

Sensor 5549 · Concentration · ppm

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5549**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**0**

Air quality — Standard AQI

Resolved scheme · Standard AQI

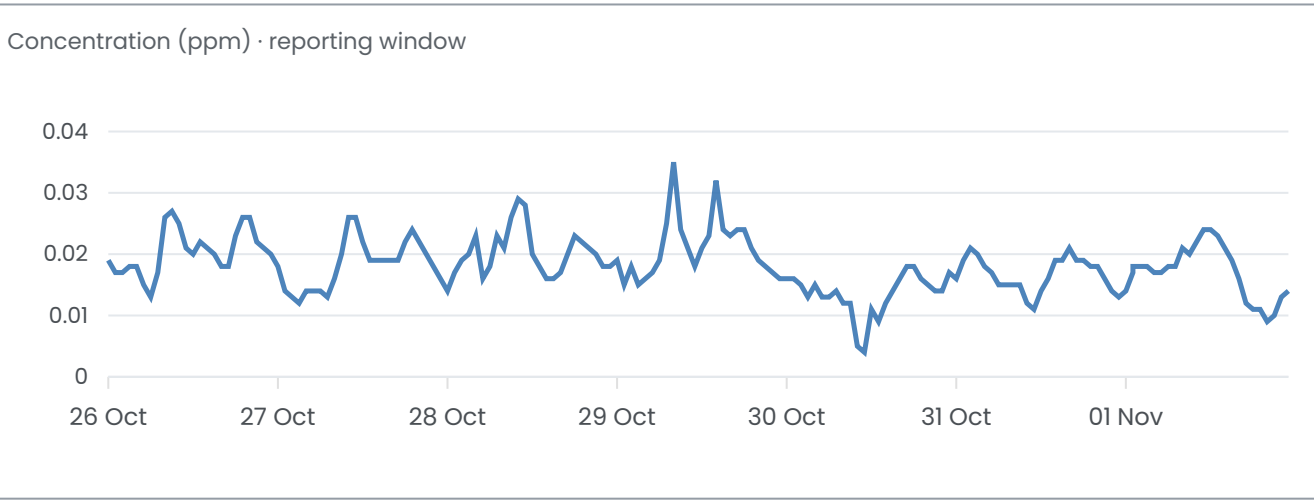


Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**167 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

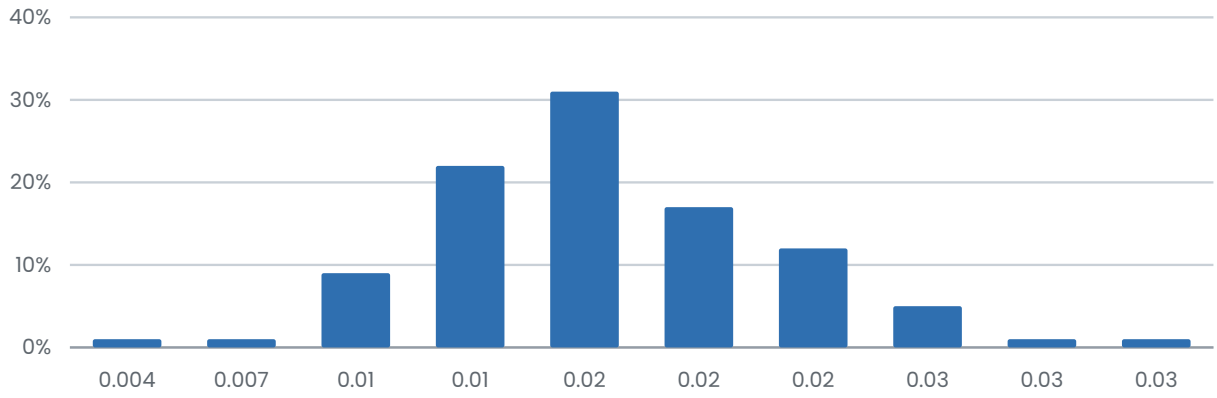


Sulfur Dioxide · Sensor 5549 — supporting analysis (continued)

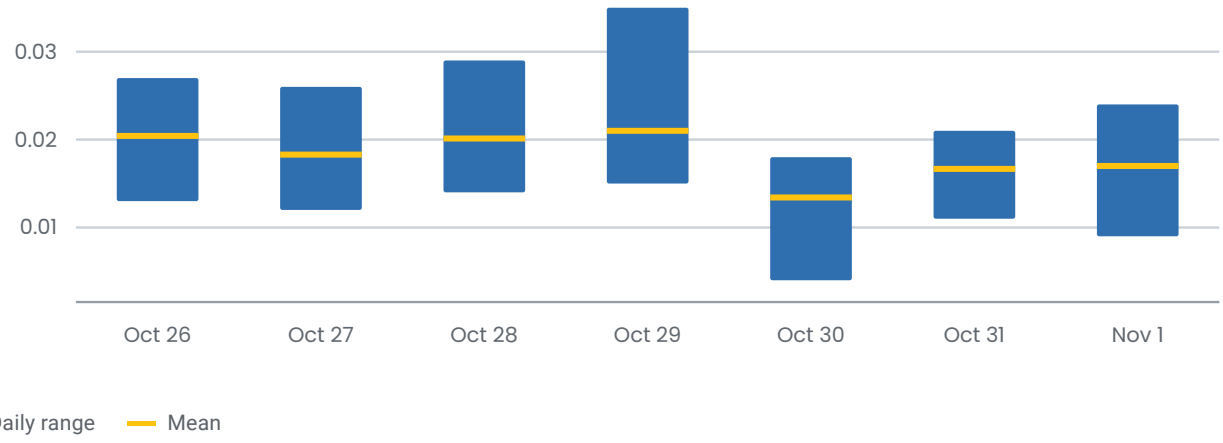
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min–max range with mean (ppm)



CONNECTED EVENTS

No connected events were recorded in this report period.

Total VOC - PID

Sensor 5556 · Concentration · ppm

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5556**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**2023.08.08**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**93**

Air quality — Standard AQI

Resolved scheme · Standard AQI

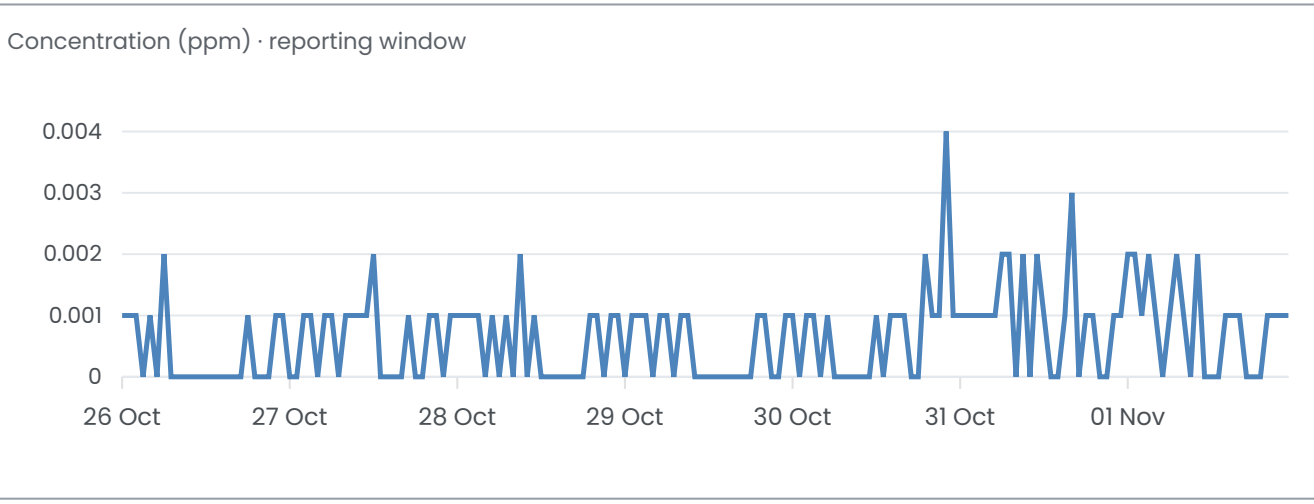


Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**167 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

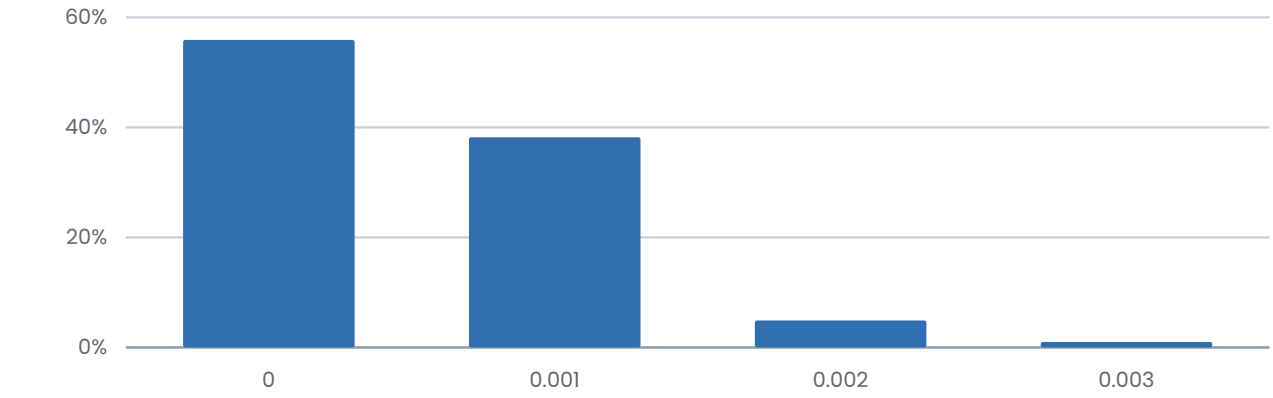


Total VOC - PID · Sensor 5556 — supporting analysis (continued)

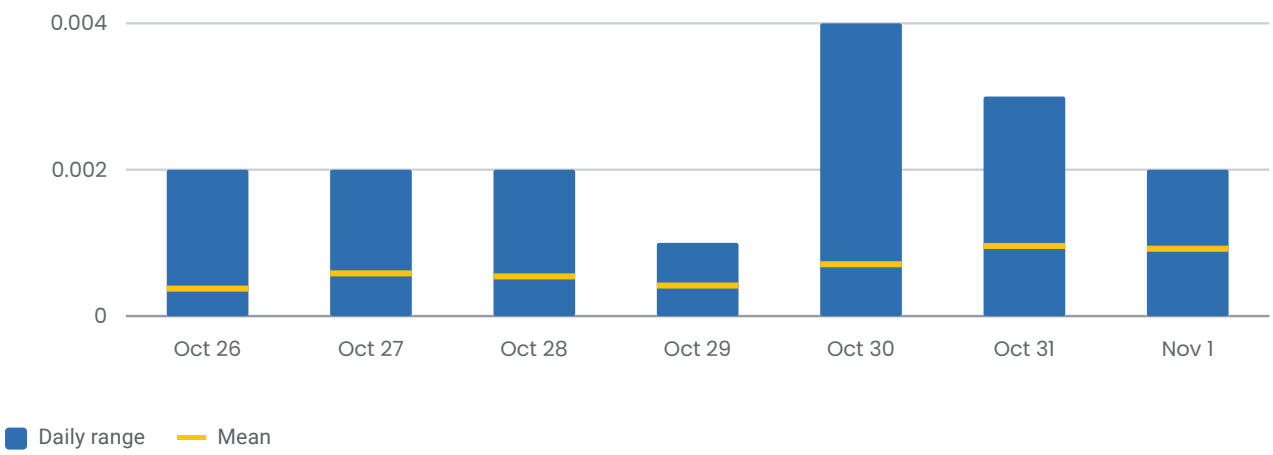
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min–max range with mean (ppm)



Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 25, 23:59 – Oct 26, 00:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Oct 26, 00:36 – Oct 26, 01:06	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 26, 01:56 – Oct 26, 02:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	24
Oct 26, 04:00 – Oct 26, 04:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 26, 04:31 – Oct 26, 05:00	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Oct 26, 05:51 – Oct 26, 07:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	63
Oct 26, 08:07 – Oct 26, 17:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	558
Oct 26, 17:49 – Oct 26, 19:43	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	89
Oct 26, 19:57 – Oct 26, 20:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	22
Oct 26, 21:41 – Oct 26, 22:18	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 26, 23:00 – Oct 27, 00:58	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	94
Oct 27, 01:58 – Oct 27, 02:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 27, 02:47 – Oct 27, 03:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	31
Oct 27, 04:26 – Oct 27, 04:54	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 27, 05:54 – Oct 27, 07:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	63

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 16–30 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 27, 09:36 – Oct 27, 10:13	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Oct 27, 11:17 – Oct 27, 11:49	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 27, 11:51 – Oct 27, 15:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	201
Oct 27, 16:02 – Oct 27, 17:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 27, 17:05 – Oct 27, 18:01	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Oct 27, 18:03 – Oct 27, 19:16	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	47
Oct 27, 19:18 – Oct 27, 20:00	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15
Oct 27, 21:06 – Oct 27, 21:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18
Oct 28, 00:01 – Oct 28, 00:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Oct 28, 00:40 – Oct 28, 01:23	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 28, 02:21 – Oct 28, 02:52	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 28, 03:19 – Oct 28, 04:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	48
Oct 28, 05:07 – Oct 28, 05:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	22
Oct 28, 06:30 – Oct 28, 07:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Oct 28, 07:10 – Oct 28, 07:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 31–45 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 28, 08:46 – Oct 28, 09:37	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	25
Oct 28, 09:39 – Oct 28, 10:23	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	16
Oct 28, 10:25 – Oct 28, 11:31	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	39
Oct 28, 11:33 – Oct 28, 16:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	276
Oct 28, 16:34 – Oct 28, 18:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	63
Oct 28, 19:05 – Oct 28, 20:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	54
Oct 28, 20:50 – Oct 28, 21:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18
Oct 28, 22:20 – Oct 28, 22:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 28, 22:53 – Oct 28, 23:30	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9
Oct 28, 23:32 – Oct 29, 00:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 29, 01:04 – Oct 29, 01:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 29, 01:45 – Oct 29, 02:18	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Oct 29, 02:56 – Oct 29, 03:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Oct 29, 03:54 – Oct 29, 04:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	8
Oct 29, 04:50 – Oct 29, 05:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 46–60 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 29, 06:08 – Oct 29, 06:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	20
Oct 29, 07:34 – Oct 29, 08:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Oct 29, 09:58 – Oct 29, 10:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Oct 29, 10:56 – Oct 29, 15:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	249
Oct 29, 15:36 – Oct 29, 16:41	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	36
Oct 29, 17:11 – Oct 29, 18:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	29
Oct 29, 18:36 – Oct 29, 19:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18
Oct 29, 20:07 – Oct 29, 20:35	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 29, 20:36 – Oct 29, 21:07	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 29, 21:15 – Oct 29, 21:54	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13
Oct 29, 22:07 – Oct 29, 22:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18
Oct 29, 22:55 – Oct 29, 23:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 29, 23:57 – Oct 30, 00:39	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	16
Oct 30, 02:46 – Oct 30, 03:49	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	37
Oct 30, 05:34 – Oct 30, 07:15	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	77

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 61–75 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 30, 07:31 – Oct 30, 08:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	47
Oct 30, 09:21 – Oct 30, 10:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	36
Oct 30, 11:53 – Oct 30, 12:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Oct 30, 13:34 – Oct 30, 14:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Oct 30, 14:23 – Oct 30, 14:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 30, 16:08 – Oct 30, 17:04	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Oct 30, 18:56 – Oct 30, 19:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Oct 30, 20:37 – Oct 30, 21:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Oct 30, 23:44 – Oct 31, 00:37	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Oct 31, 01:44 – Oct 31, 02:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	19
Oct 31, 02:47 – Oct 31, 03:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13
Oct 31, 05:42 – Oct 31, 06:22	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Oct 31, 08:45 – Oct 31, 09:52	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	38
Oct 31, 12:01 – Oct 31, 12:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 31, 12:44 – Oct 31, 13:50	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	39

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 76–90 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 31, 14:20 – Oct 31, 14:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 31, 15:25 – Oct 31, 15:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 31, 16:10 – Oct 31, 17:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Oct 31, 17:53 – Oct 31, 18:23	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 31, 18:57 – Oct 31, 20:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	80
Oct 31, 21:40 – Oct 31, 22:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 31, 22:22 – Oct 31, 22:56	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Nov 1, 01:12 – Nov 1, 01:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Nov 1, 03:57 – Nov 1, 04:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	8
Nov 1, 07:57 – Nov 1, 09:06	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	44
Nov 1, 09:50 – Nov 1, 10:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Nov 1, 10:26 – Nov 1, 10:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Nov 1, 11:54 – Nov 1, 12:59	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	40
Nov 1, 13:23 – Nov 1, 14:10	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	20
Nov 1, 14:56 – Nov 1, 15:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5

Total VOC - PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 91–93 OF 93

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Nov 1, 15:42 – Nov 1, 17:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	81
Nov 1, 17:47 – Nov 1, 18:41	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	28
Nov 1, 20:36 – Nov 1, 21:12	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	8

Sound Intensity Level - Class II

Sensor 5594 · Concentration · dBA

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5594**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**dBA**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**17**

Air quality — not available

No categorisation for this parameter

No air-quality categorisation applies to this parameter, so only the concentration series is shown.

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

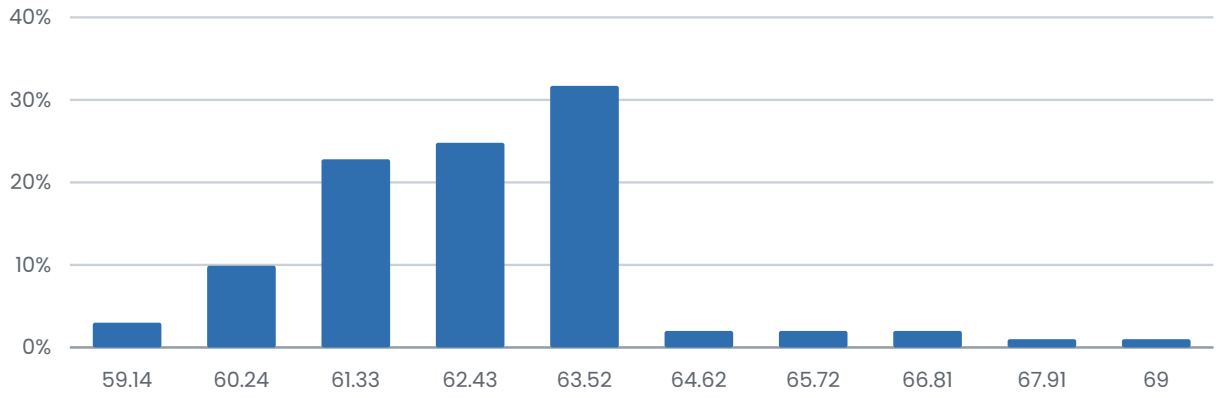


Sound Intensity Level - Class II · Sensor 5594 — supporting analysis (continued)

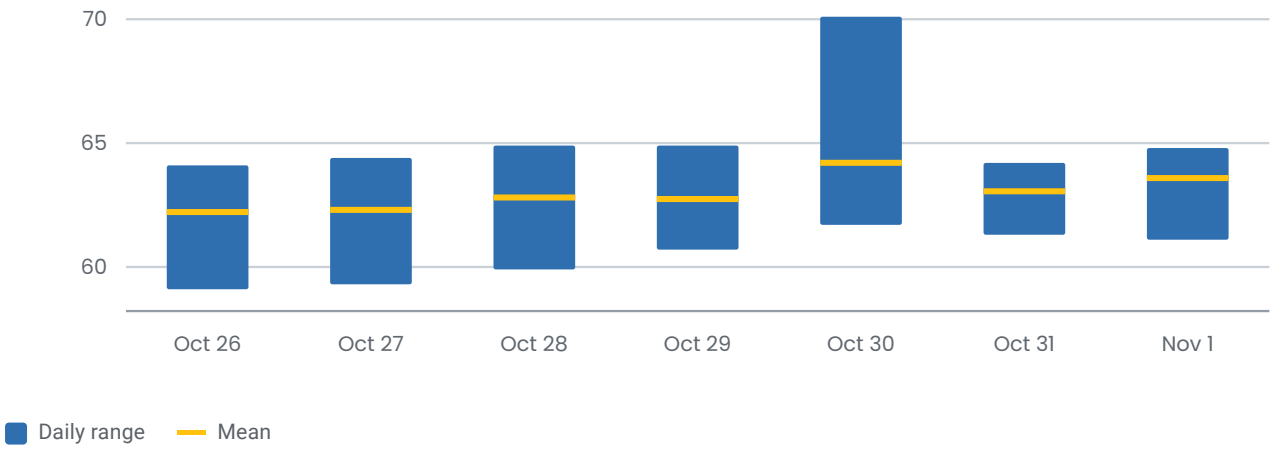
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (dBA)



Daily distribution — daily min–max range with mean (dBA)



Sound Intensity Level - Class II · Sensor 5594 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 18, 17:00 – Oct 25, 17:00	frequency_trend	Spikes on Sound Intensity Level - Class II are about 4.5 times more frequent this week than usual	Justified	25
Oct 25, 17:00 – Nov 1, 16:00	frequency_trend	Spikes on Sound Intensity Level - Class II are about 2.3 times more frequent this week than usual	Justified	15
Oct 29, 08:57 – Oct 29, 08:57	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 29, 13:06 – Oct 29, 13:09	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	3
Oct 29, 14:26 – Oct 29, 14:29	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	4
Oct 29, 16:32 – Oct 29, 16:32	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 30, 08:06 – Oct 30, 08:06	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 30, 08:24 – Oct 30, 08:24	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 30, 08:40 – Oct 30, 08:40	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 30, 09:25 – Oct 30, 09:30	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	5
Oct 30, 09:47 – Oct 30, 09:47	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1

Sound Intensity Level - Class II · Sensor 5594 — connected events (continued)

CONNECTED EVENTS · EVENTS 12–17 OF 17

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 30, 10:00 – Oct 30, 10:07	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	4
Oct 30, 11:13 – Oct 30, 12:22	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	63
Oct 30, 14:19 – Oct 30, 15:17	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	36
Oct 30, 15:54 – Oct 30, 16:00	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	7
Oct 30, 16:14 – Oct 30, 17:01	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	35
Oct 31, 21:05 – Oct 31, 21:05	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1

REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.10.26 00:00 – 2026.11.01 23:00 (UTC-07:00)**	**2026.11.04**	**lou.zylstra@ebresources.com**

Report summary

AI-generated · Report-wide overview

The individual sensor report for equipment SL052302 at the Murphy facility shows monitoring data for Hydrogen Sulfide, Sulfur Dioxide, Total VOC - PID, and Sound Intensity Level - Class II. All sensors recorded zero total measurements and zero exceedances during the reporting period. Calibration data indicates the Total VOC - PID sensor was last calibrated at timestamp 1691519574. Wind speed data shows varied occurrences primarily from the South and Southeast directions with an average wind speed of 1.5 m/s.

- All four sensors measured zero total pollutant levels with no exceedances during the reporting period.
- No alarms were recorded and all sensor trends remained stable with a trend value of 0.
- The Total VOC - PID sensor has a recorded last calibration timestamp; other sensors lack calibration data.
- Wind rose data indicates predominant wind directions from South (23.2 units at 0-2 m/s) and Southeast (17.6 units at 0-2 m/s).
- The average wind speed during the measurement period was 1.5 m/s over 994 readings.

Sensor roster

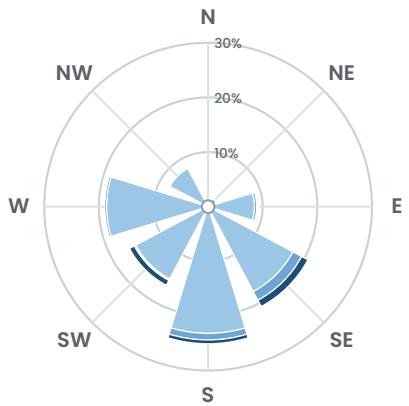
One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5559	Concentration	SL052302	N/A	0	N/A	AQI	● **No data**
5562	Concentration	SL052302	N/A	0	N/A	AQI	● **No data**
5569	Concentration	SL052302	N/A	0	N/A	AQI	● **No data**
5595	Concentration	SL052302	N/A	0	N/A	—	● **No data**

All 4 sensor records in this report. Rows use existing dataset statuses only — no aggregate health score is synthesised.

Site conditions — wind

Facility-level · shown once



Prevailing direction · South **Avg speed** · 1.5 m/s

0–2 m/s 2–4 m/s 4–6 m/s 6–8 m/s 8+ m/s

Wind is reported at the facility level for the whole period. When the payload carries no wind layer this section is omitted entirely and the roster reflows upward — no empty placeholder.

Hydrogen Sulfide

Sensor 5559 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5559**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**N/A**	**N/A**	**0**

Air quality — Standard AQI

Resolved scheme · Standard AQI

Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	0 · 0.0%	Moderate	0 · 0.0%
Sensitive	0 · 0.0%	Unhealthy	0 · 0.0%
Very Unhealthy	0 · 0.0%	Hazardous	0 · 0.0%

Concentration trend

Primary visual · full width



DATA TREND

Trend unavailable. Trend not available

Hydrogen Sulfide · Sensor 5559 — supporting analysis (continued)

Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)

Insufficient data to calculate a concentration distribution.

Daily distribution — daily min–max range with mean (ppm)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

- No connected events were recorded in this report period.

Sulfur Dioxide

Sensor 5562 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5562**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**N/A**	**N/A**	**0**

Air quality — Standard AQI

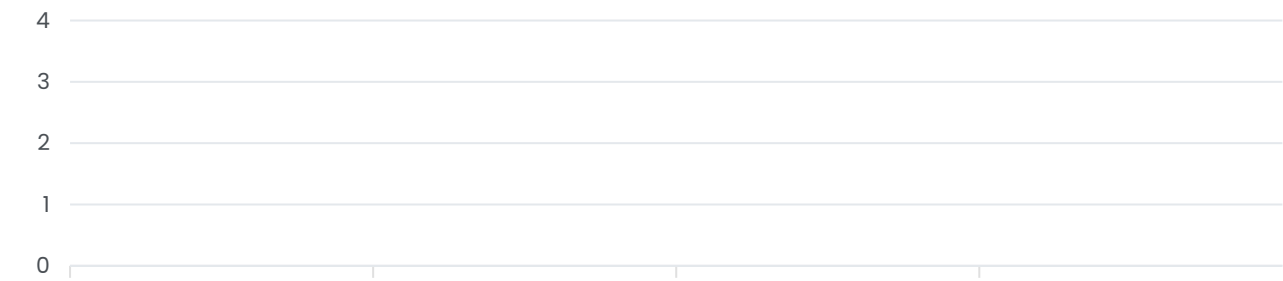
Resolved scheme · Standard AQI

Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	0 · 0.0%	Moderate	0 · 0.0%
Sensitive	0 · 0.0%	Unhealthy	0 · 0.0%
Very Unhealthy	0 · 0.0%	Hazardous	0 · 0.0%

Concentration trend

Primary visual · full width



DATA TREND

Trend unavailable. Trend not available

Sulfur Dioxide · Sensor 5562 — supporting analysis (continued)

Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)

Insufficient data to calculate a concentration distribution.

Daily distribution — daily min–max range with mean (ppm)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

- No connected events were recorded in this report period.

Total VOC - PID

Sensor 5569 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5569**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**2023.08.08**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**N/A**	**N/A**	**0**

Air quality — Standard AQI

Resolved scheme · Standard AQI

Standard AQI colours are used for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	0 · 0.0%	Moderate	0 · 0.0%
Sensitive	0 · 0.0%	Unhealthy	0 · 0.0%
Very Unhealthy	0 · 0.0%	Hazardous	0 · 0.0%

Concentration trend

Primary visual · full width



DATA TREND

Trend unavailable. Trend not available

Total VOC - PID · Sensor 5569 — supporting analysis (continued)

Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)

Insufficient data to calculate a concentration distribution.

Daily distribution — daily min–max range with mean (ppm)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

- No connected events were recorded in this report period.

Sound Intensity Level - Class II

Sensor 5595 · Concentration · dBA

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5595**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**dBA**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**N/A**	**N/A**	**0**

Air quality — not available

No categorisation for this parameter

No air-quality categorisation applies to this parameter, so only the concentration series is shown.

Concentration trend

Primary visual · full width



DATA TREND

Trend unavailable. Trend not available

Sound Intensity Level - Class II · Sensor 5595 — supporting analysis (continued)

Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (dBA)

Insufficient data to calculate a concentration distribution.

Daily distribution — daily min–max range with mean (dBA)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

- No connected events were recorded in this report period.