REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.10.19 00:00 – 2026.10.26 00:00 (UTC-07:00)**	**2026.10.27**	**lou.zylstra@ebresources.com**

Report summary

AI-generated · Report-wide overview

The Murphy facility's individual sensor report for equipment SL052301 covers the monitoring period from 2026-10-19 to 2026-10-26 across multiple parameters: Hydrogen Sulfide (H2S-10), Sulfur Dioxide (SO2-20), Total VOC - PID (TVOC-P-40), and Sound Intensity Level - Class II (SND-LVL-C2). All monitored gases showed no exceedances or significant trend changes with average air quality index (AQI) reported as 0. Sound levels remained stable with no significant trend. Several flatline events were justified for gas sensors and multiple spike events were noted for the sound sensor, indicating variable sound intensity.

- Hydrogen Sulfide (H2S-10) showed zero readings across all reported days with 0% exceedance and multiple justified flatline events.
- Sulfur Dioxide (SO2-20) readings ranged from 0.008 to 0.042 ppm with no exceedances; one spike event was detected but not yet justified.
- Total VOC - PID (TVOC-P-40) detected a maximum of 0.004 ppm, no exceedances, and numerous flatline events justified by monitoring protocol.
- Sound Intensity Level (SND-LVL-C2) varied between 58.2 and 67.9 dBA with no exceedances; spike events occurred frequently (25 times weekly) and spikes were mostly not yet justified.
- Wind conditions averaged 2.1 m/s with predominant wind directions from South and Southeast sectors.

Sensor roster

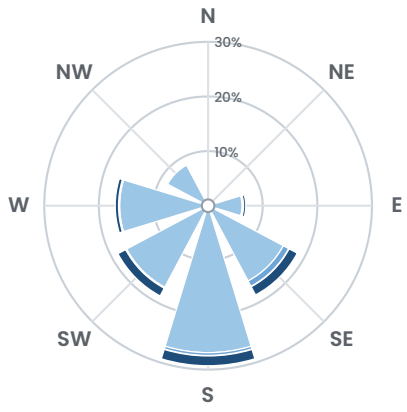
One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5546	Concentration	SL052301	N/A	0	5	AQI	Normal
5549	Concentration	SL052301	N/A	0	1	AQI	Normal
5556	Concentration	SL052301	N/A	0	86	AQI	Normal
5594	Concentration	SL052301	N/A	0	26	—	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** · 2.1 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**	**5**

Air quality — Standard AQI

Resolved scheme · AQI fallback

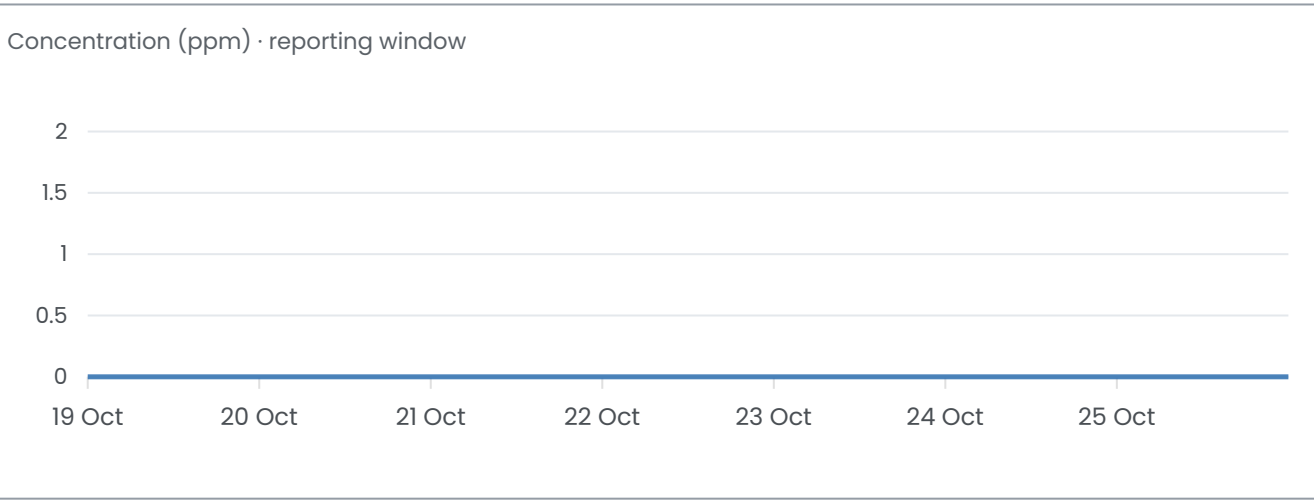


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**166 · 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

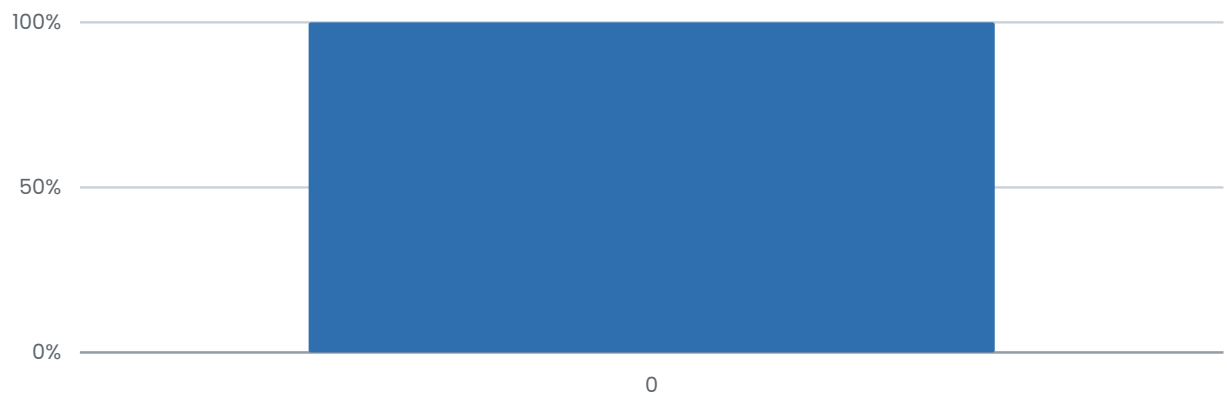
No significant trend. Data trend shows no significant trend

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 18, 22:02 – Oct 21, 01:09	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	3109
Oct 21, 01:11 – Oct 21, 08:21	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	414
Oct 21, 08:23 – Oct 24, 07:34	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	4335
Oct 24, 08:03 – Oct 25, 22:46	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	2360
Oct 25, 22:48 – Oct 27, 08:28	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	2045

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**	**1**

Air quality — Standard AQI

Resolved scheme · AQI fallback

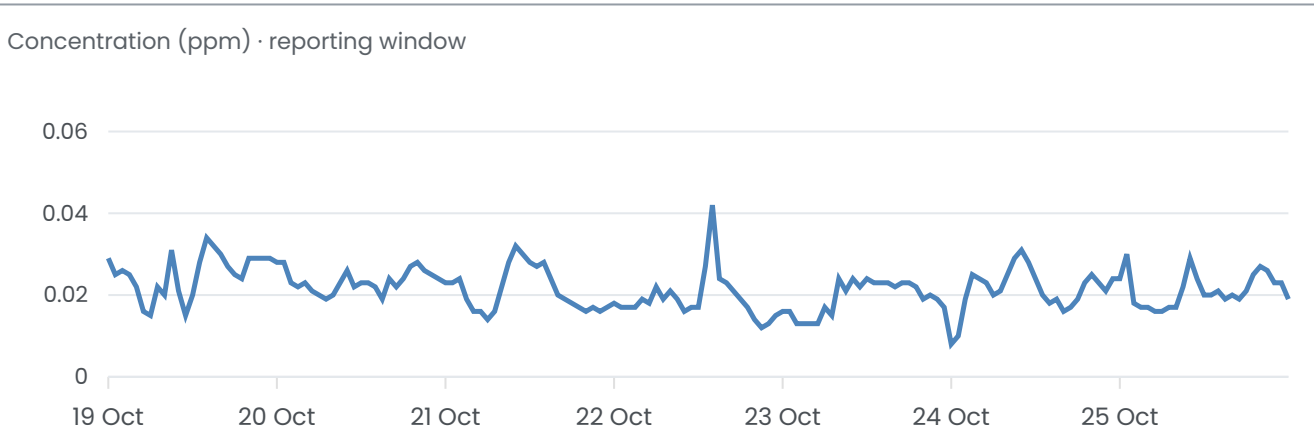


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**166 · 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

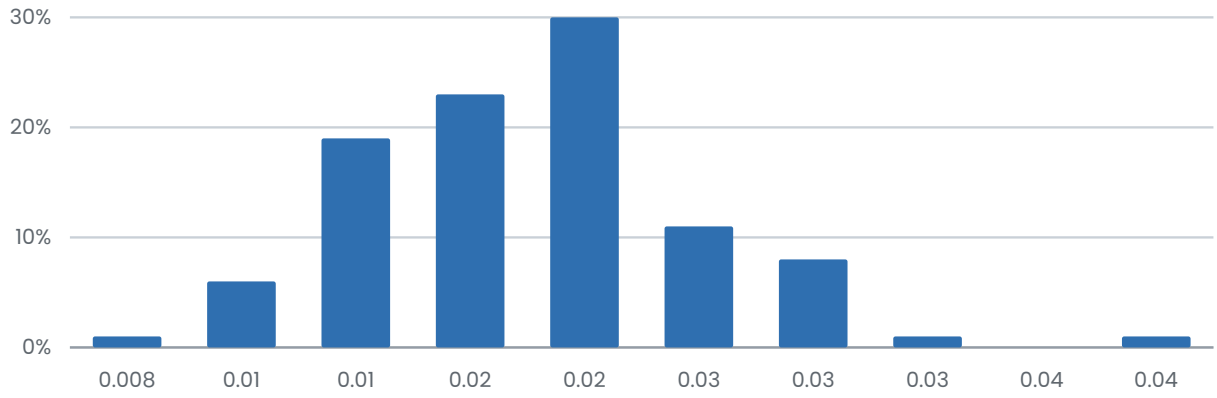


Sulfur Dioxide · Sensor 5549 — supporting analysis (continued)

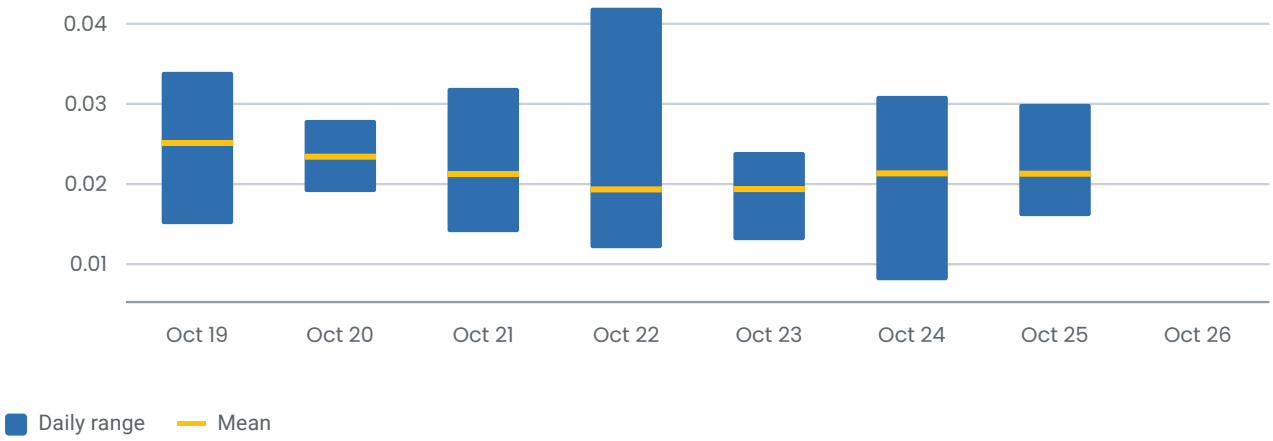
Distribution analysis

Stacked full width

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



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



CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 22, 12:57 – Oct 22, 13:09	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	13

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**	**86**

Air quality — Standard AQI

Resolved scheme · AQI fallback



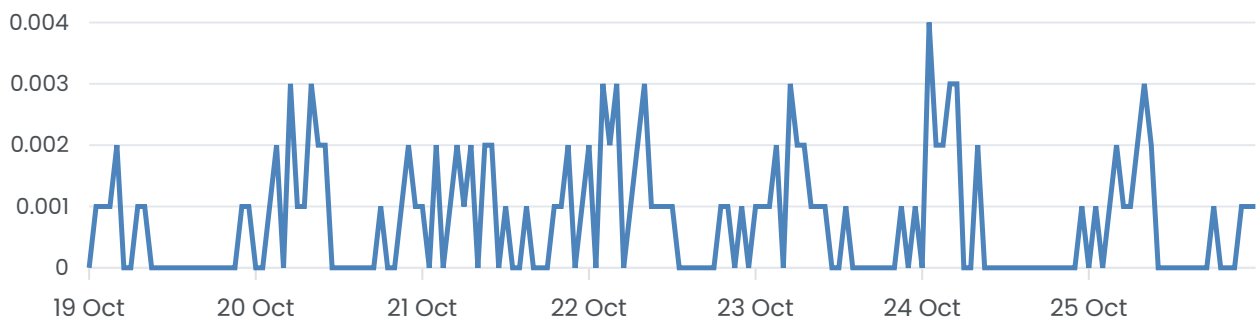
Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**165 · 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

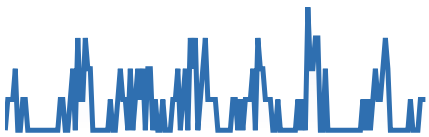
Primary visual · full width

Concentration (ppm) · reporting window



DATA TREND

No significant trend. Data trend shows no significant trend

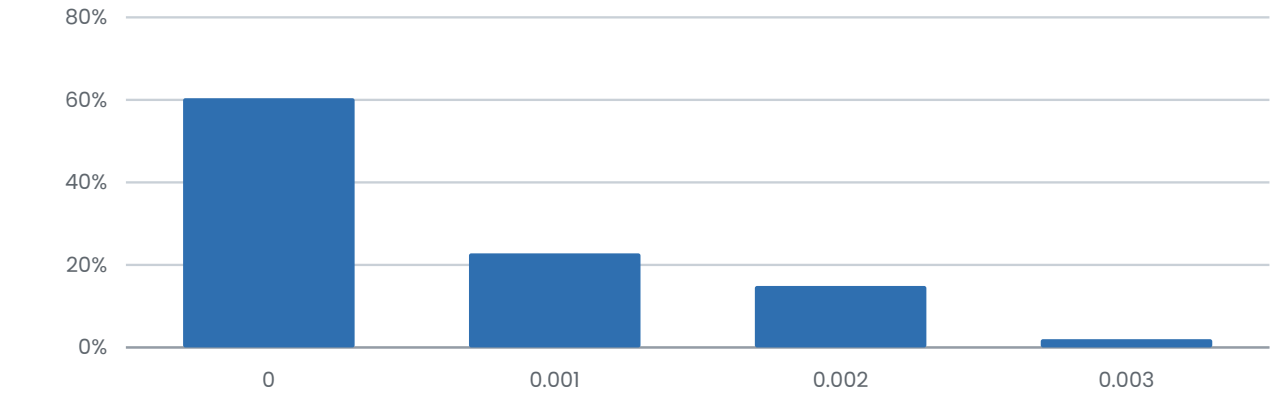


Total VOC - PID · Sensor 5556 — supporting analysis (continued)

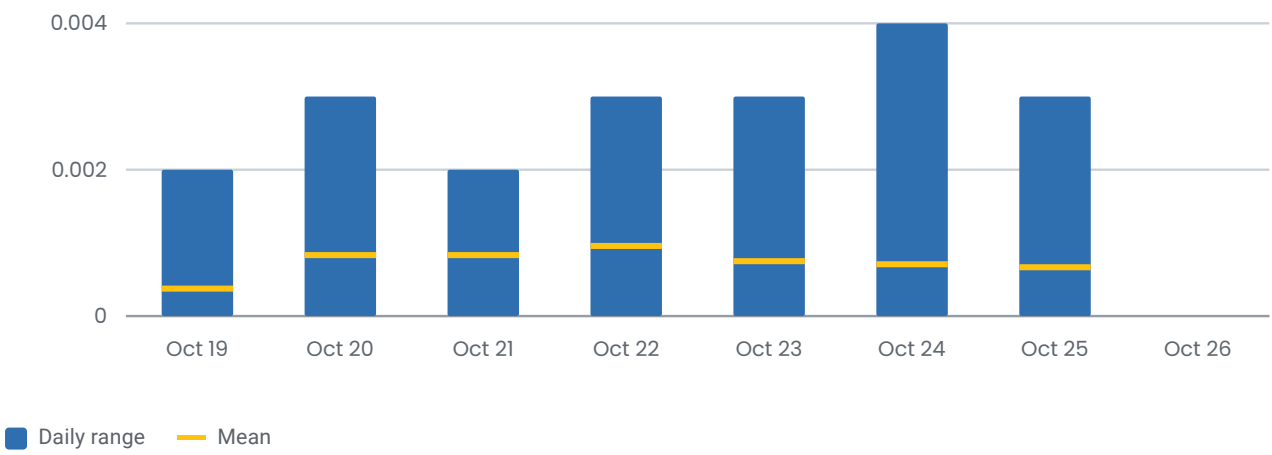
Distribution analysis

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 19, 00:29 – Oct 19, 01:14	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	19
Oct 19, 03:56 – Oct 19, 04:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	22
Oct 19, 04:46 – Oct 19, 05:30	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18
Oct 19, 06:02 – Oct 19, 07:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	62
Oct 19, 07:49 – Oct 19, 08:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 19, 08:30 – Oct 19, 09:00	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 19, 09:02 – Oct 19, 10:15	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	48
Oct 19, 10:17 – Oct 19, 12:37	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	117
Oct 19, 12:39 – Oct 19, 19:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	406
Oct 19, 19:46 – Oct 19, 21:14	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	60
Oct 19, 21:18 – Oct 19, 22:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	16
Oct 19, 22:49 – Oct 20, 00:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	74
Oct 20, 00:39 – Oct 20, 01:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Oct 20, 03:00 – Oct 20, 03:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	21
Oct 20, 05:08 – Oct 20, 05:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11

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

CONNECTED EVENTS · EVENTS 16–30 OF 86

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 20, 05:52 – Oct 20, 06:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Oct 20, 06:26 – Oct 20, 06:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 20, 10:17 – Oct 20, 10:59	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Oct 20, 11:09 – Oct 20, 13:02	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	85
Oct 20, 13:04 – Oct 20, 17:16	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	228
Oct 20, 17:39 – Oct 20, 18:35	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Oct 20, 18:36 – Oct 20, 19:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	23
Oct 20, 19:29 – Oct 20, 19:58	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 20, 21:16 – Oct 20, 21:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Oct 20, 21:57 – Oct 20, 22:38	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15
Oct 20, 22:58 – Oct 20, 23:41	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 21, 00:15 – Oct 21, 00:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 21, 01:56 – Oct 21, 02:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 21, 02:31 – Oct 21, 02:59	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 21, 05:02 – Oct 21, 05:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13

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

CONNECTED EVENTS · EVENTS 31–45 OF 86

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 21, 07:19 – Oct 21, 08:12	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Oct 21, 11:08 – Oct 21, 12:32	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	58
Oct 21, 12:34 – Oct 21, 13:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9
Oct 21, 14:20 – Oct 21, 14:58	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Oct 21, 15:00 – Oct 21, 16:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	68
Oct 21, 17:13 – Oct 21, 18:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	44
Oct 21, 21:21 – Oct 21, 22:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 22, 04:08 – Oct 22, 04:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 22, 07:36 – Oct 22, 08:19	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 22, 10:23 – Oct 22, 11:06	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Oct 22, 11:37 – Oct 22, 12:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	19
Oct 22, 12:26 – Oct 22, 13:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13
Oct 22, 13:08 – Oct 22, 14:14	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 22, 14:23 – Oct 22, 15:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Oct 22, 15:23 – Oct 22, 16:30	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	41

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

CONNECTED EVENTS · EVENTS 46–60 OF 86

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 22, 16:41 – Oct 22, 17:16	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9
Oct 22, 17:18 – Oct 22, 18:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 22, 18:24 – Oct 22, 19:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Oct 22, 20:39 – Oct 22, 21:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Oct 22, 22:07 – Oct 22, 22:35	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 22, 22:37 – Oct 22, 23:06	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Oct 22, 23:38 – Oct 23, 00:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Oct 23, 01:54 – Oct 23, 02:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	8
Oct 23, 03:11 – Oct 23, 03:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 23, 06:54 – Oct 23, 07:22	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 23, 08:01 – Oct 23, 08:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Oct 23, 08:49 – Oct 23, 09:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	36
Oct 23, 09:55 – Oct 23, 10:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Oct 23, 10:59 – Oct 23, 11:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	20
Oct 23, 12:15 – Oct 23, 12:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4

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

CONNECTED EVENTS · EVENTS 61–75 OF 86

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 23, 13:14 – Oct 23, 16:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	148
Oct 23, 16:25 – Oct 23, 17:38	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	47
Oct 23, 17:40 – Oct 23, 20:07	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	124
Oct 23, 22:36 – Oct 23, 23:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 23, 23:30 – Oct 24, 00:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13
Oct 24, 01:56 – Oct 24, 02:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 24, 05:00 – Oct 24, 05:37	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Oct 24, 05:51 – Oct 24, 06:37	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	20
Oct 24, 06:39 – Oct 24, 07:09	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 24, 08:03 – Oct 24, 09:18	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	50
Oct 24, 09:20 – Oct 24, 11:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	101
Oct 24, 11:27 – Oct 24, 19:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	465
Oct 24, 19:27 – Oct 24, 20:07	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Oct 24, 20:09 – Oct 24, 22:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	110
Oct 24, 22:27 – Oct 24, 23:15	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	21

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

CONNECTED EVENTS · EVENTS 76–86 OF 86

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 24, 23:17 – Oct 24, 23:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Oct 25, 00:07 – Oct 25, 00:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Oct 25, 00:43 – Oct 25, 01:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 25, 08:40 – Oct 25, 10:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	99
Oct 25, 10:48 – Oct 25, 14:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	226
Oct 25, 14:59 – Oct 25, 17:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	156
Oct 25, 18:23 – Oct 25, 19:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	57
Oct 25, 19:47 – Oct 25, 20:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 25, 20:50 – Oct 25, 21:22	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 25, 22:12 – Oct 25, 22:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 25, 23:59 – Oct 26, 00:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7

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**	**26**

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

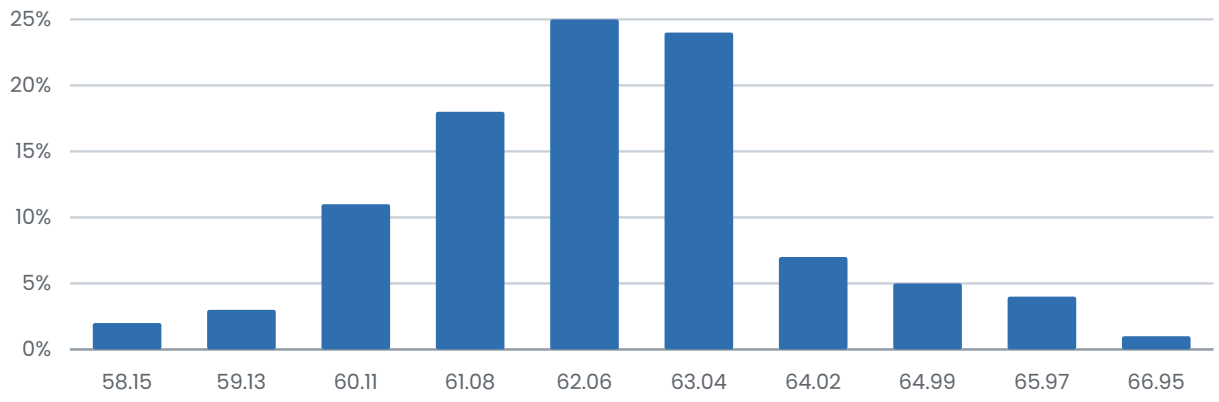


Sound Intensity Level - Class II · Sensor 5594 — supporting analysis (continued)

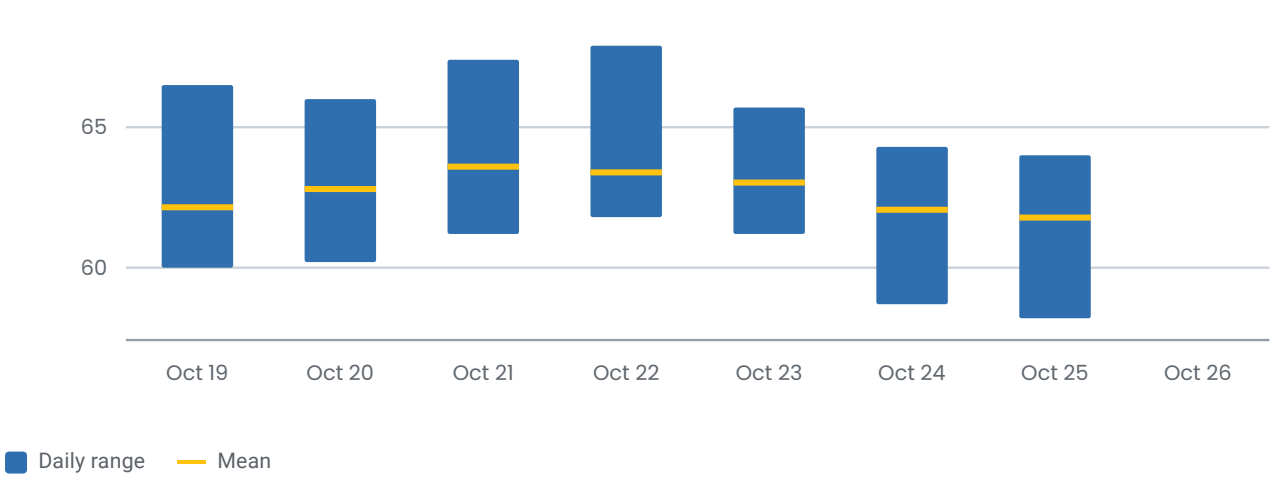
Distribution analysis

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 19, 12:05 – Oct 19, 12:05	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 19, 12:16 – Oct 19, 12:20	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	2
Oct 19, 12:44 – Oct 19, 12:44	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 19, 14:27 – Oct 19, 14:36	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	10
Oct 19, 14:55 – Oct 19, 14:55	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 19, 15:17 – Oct 19, 15:20	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	2
Oct 19, 15:32 – Oct 19, 15:35	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	3
Oct 19, 16:25 – Oct 19, 16:31	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	7
Oct 20, 08:51 – Oct 20, 09:18	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	9
Oct 20, 10:24 – Oct 20, 10:24	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 12–26 OF 26

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 20, 10:38 – Oct 20, 10:38	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 20, 11:27 – Oct 20, 11:27	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 20, 13:13 – Oct 20, 13:22	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	11
Oct 20, 14:43 – Oct 20, 14:43	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 20, 15:07 – Oct 20, 15:18	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	3
Oct 20, 16:48 – Oct 20, 16:48	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 21, 08:23 – Oct 21, 09:06	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	23
Oct 21, 10:22 – Oct 21, 10:22	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 21, 12:44 – Oct 21, 12:44	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 22, 08:39 – Oct 22, 09:18	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	29
Oct 22, 11:18 – Oct 22, 11:18	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 22, 12:55 – Oct 22, 12:58	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	5
Oct 23, 08:40 – Oct 23, 08:43	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	4
Oct 23, 14:49 – Oct 23, 14:49	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 24, 13:52 – Oct 24, 13:53	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	2

REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.10.19 00:00 – 2026.10.26 00:00 (UTC-07:00)**	**2026.10.27**	**lou.zylstra@ebresources.com**

Report summary

AI-generated · Report-wide overview

The weekly individual sensor report for equipment SL052302 at the Murphy facility shows no exceedances or alarming conditions for monitored gases Hydrogen Sulfide, Sulfur Dioxide, Total VOC - PID, and Sound Intensity Level. All sensors recorded zero totals and zero exceedance percentages, indicating compliant environmental conditions during the monitoring period. Wind data displays variable speeds with an average wind speed of 2.1 m/s, predominantly from the south and southeast directions.

- No exceedances were detected for Hydrogen Sulfide (H2S-10) with total readings at 0 ppm.
- Sulfur Dioxide (SO2-20) sensor reported zero total and no exceedances.
- Total VOC - PID (TVOC-P-40) sensor showed no recorded VOC concentrations or exceedances.
- Sound Intensity Level - Class II remained stable with no alarms or exceedances.
- Average wind speed was 2.1 m/s, with the highest directional contributions from the south (26.9%) and southeast (15.6%).

Sensor roster

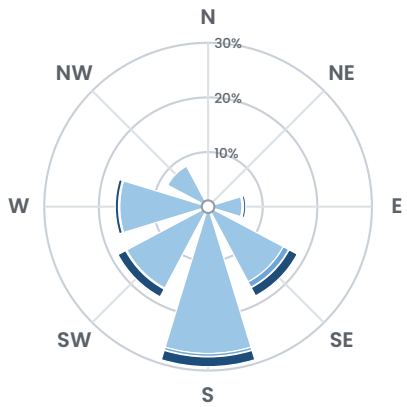
One row per sensor record

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** · 2.1 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 · AQI fallback

Standard AQI colours are used because no customer air-quality thresholds are configured 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 · AQI fallback

Standard AQI colours are used because no customer air-quality thresholds are configured 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 · AQI fallback

Standard AQI colours are used because no customer air-quality thresholds are configured 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.