Air Monitoring Summary Tables

The table below summarizes monitoring data collected using a portable wireless remote monitoring system.
All times in Eastern Standard Time (EST).

From: **08/14/23 12:00 am** ***To:*** **08/14/23 11:59 pm**

Offsite Monitors

Instrument	Analyte	ATSDR MRL 14-day Avg Reached?	Concentration Range Detected [a]	24-hr Average [a]	7-day Average	ATSDR 14-day MRL
Catawba Headstart						
Acrulog PPB	H_2S	No	0 – 3 ppb	0.40 ppb	0.11 ppb	70 ppb
Treetops						
Acrulog PPB	H_2S	No	0 – 2 ppb	0.08 ppb	0.03 ppb	70 ppb
Liberty Hill						
Acrulog PPB	H_2S	No	0 – 0 ppb	0.00 ppb	0.63 ppb	70 ppb
Riverchase Estates						
Acrulog PPB	H_2S	No	0 – 0 ppb	0.00 ppb	0.04 ppb	70 ppb
Millstone Creek						
Acrulog PPB	H_2S	No	0 – 3 ppb	0.13 ppb	0.06 ppb	70 ppb

Onsite Fenceline Monitors

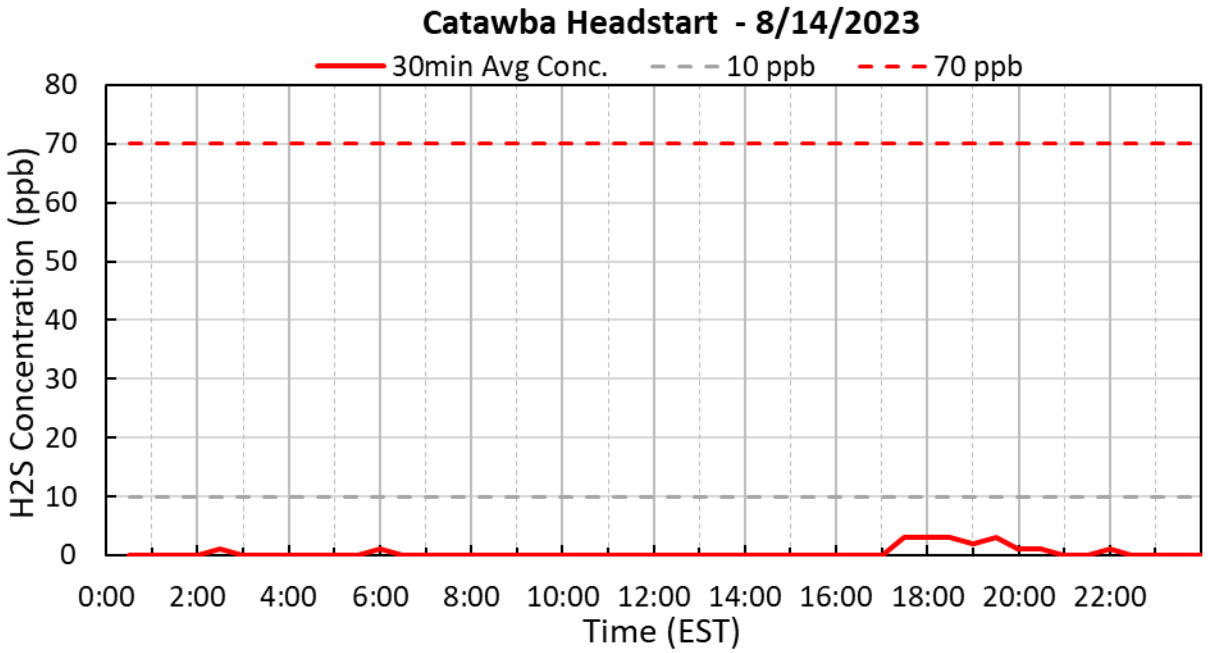
Instrument	Analyte	30-min AEGL Reached?	Concentration Range Detected [a]	24-hr Average [a]	7-day Average	30-min AEGL
Station 1						
TAPI Analyzer	H_2S	No	1 – 2 ppb	1.22 ppb	2.09 ppb	600 ppb
Station 2						
TAPI Analyzer	H_2S	No	0 – 10 ppb	2.89 ppb	2.13 ppb	600 ppb
Station 3						
TAPI Analyzer	H_2S	No	0 – 17 ppb	3.04 ppb	1.47 ppb	600 ppb

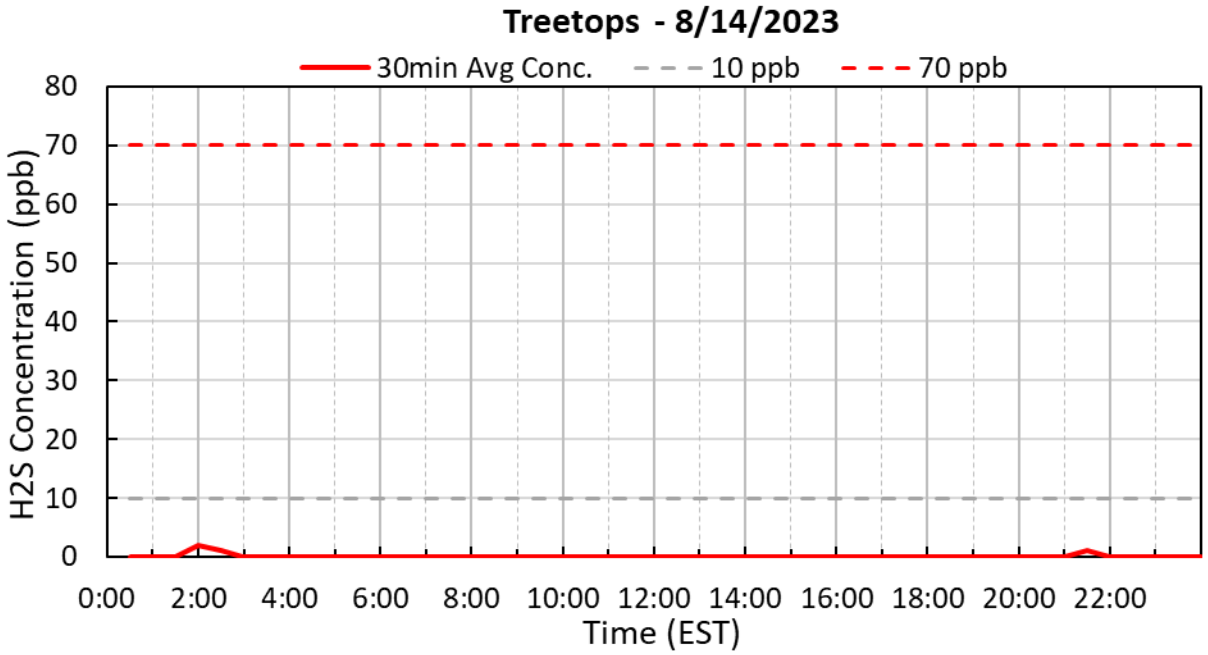
[a] Based on 30-minute averages.

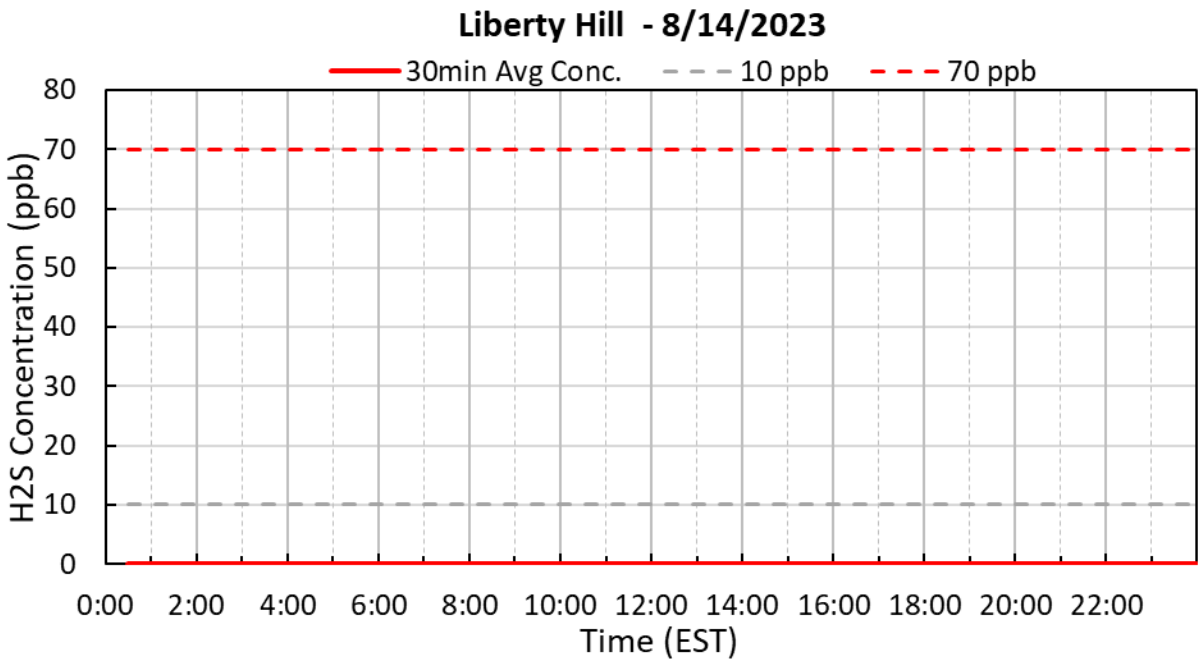
Notes:

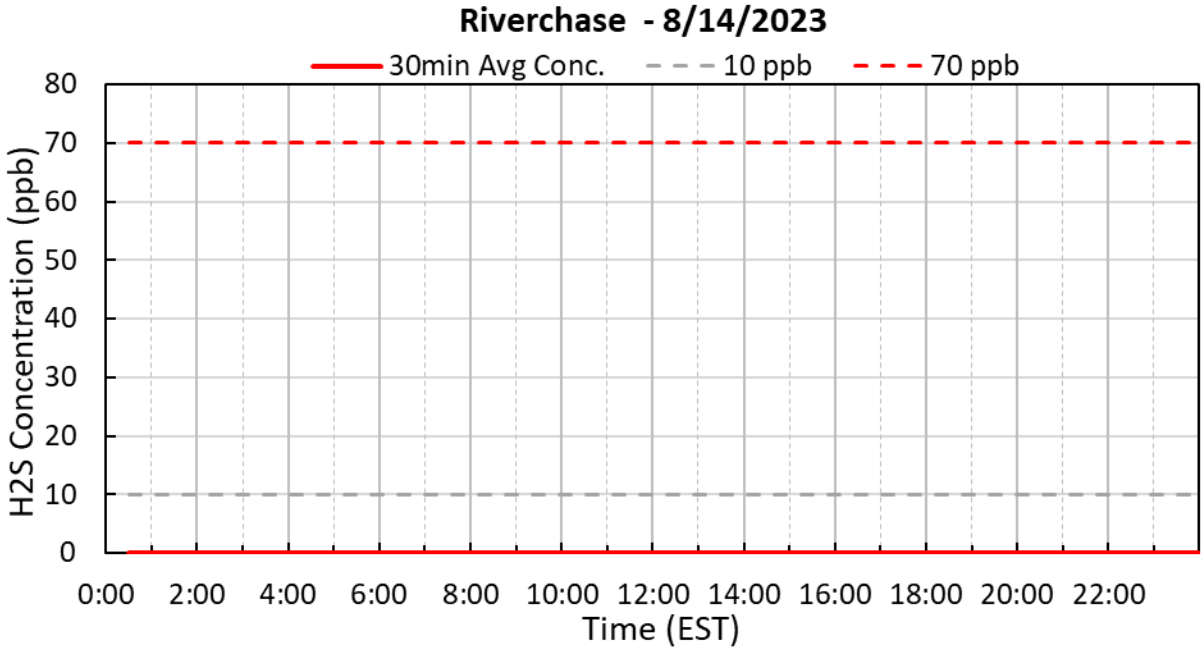
ATSDR MRL	Agency for Toxic Substances and Disease Registry Minimal Risk Level (MRL)
AEGL	EPA Acute Exposure Guidelines Levels
H_2S	Hydrogen Sulfide
TAPI	Teledyne API H_2S Analyzer
hr	Hour
min	Minute
ppb	Parts per billion
MRL Limit	Limit defined as a 14-day average value.

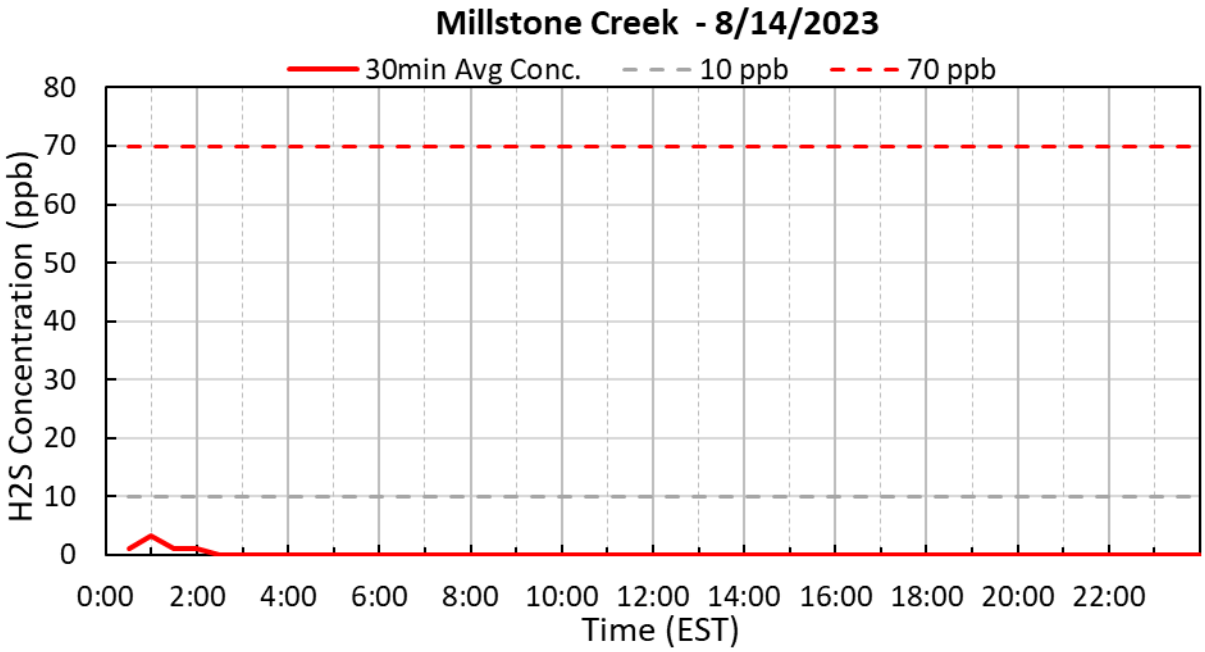
10 ppb Comparison
Hydrogen Sulfide Offsite Monitors






Liberty Hill - 8/14/2023
30min Avg Conc.
10 ppb
70 ppb
H2S Concentration (ppb)
80
70
60
50
40
30
20
10
0
0:00
2:00
4:00
6:00
8:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time (EST)


Riverchase - 8/14/2023
30min Avg Conc.
10 ppb
70 ppb
H2S Concentration (ppb)
80
70
60
50
40
30
20
10
0
0:00
2:00
4:00
6:00
8:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time (EST)


Millstone Creek - 8/14/2023
30min Avg Conc.
10 ppb
70 ppb
H2S Concentration (ppb)
80
70
60
50
40
30
20
10
0
0:00
2:00
4:00
6:00
8:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Time (EST)

10 ppb Comparison
Hydrogen Sulfide Onsite Monitors