










Health Effects	H2S Levels, PPM	Symptoms
Instant Death 	1000	Immediately Fatal
	700	Paralysis of the nervous system
Extreme to Deadly  → 	600	<ul style="list-style-type: none"> ◆Paralyzes the respiratory system ◆Overcomes victim almost instantaneously ◆Death after 30-60 minutes of exposure. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> May be fatal in 1 to 4 hours of continuous exposure </div> <ul style="list-style-type: none"> ◆May cause muscle cramps, low blood pressure and unconsciousness after 20 minutes <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> ◆Pulmonary edema (lungs fill with fluid, foaming at the mouth, chemical damage to lungs). </div>
	500	
	300	
	250	
Severe to Deadly  → 	200-250	<ul style="list-style-type: none"> ◆Nervous system depression (headache, dizziness and nausea are symptoms). ◆Prolonged exposure may cause fluid accumulation in the lungs ◆Fatal in 4 to 8 hours of continuous exposure
	100-150	<ul style="list-style-type: none"> ◆Loss of smell, stinging in the eyes and throat ◆Fatal after 8 to 48 hours of continuous exposure
Mild to Moderate  → 	50	<ul style="list-style-type: none"> ◆May cause muscle fatigue, inflammation and dryness of nose, throat and tubes leading to the lungs ◆Exposure for one hour or more at levels above 50 PPM can cause severe eye tissue damage. ◆ Long Term exposure can cause lung disease <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> Sickeningly sweet smell noted </div> <ul style="list-style-type: none"> ◆Causes painful eye, nose and throat irritation, headaches, fatigue, insomnia, gastrointestinal disturbance, loss of appetite, dizziness. ◆Prolonged exposure can cause bronchitis and pneumonia
	30	
	10-20	
None to Tolerable  → 	4.6	<ul style="list-style-type: none"> ◆Strong intense odor, but tolerable. Prolonged exposure may deaden the sense of smell. ◆ An odor threshold – Odor is unpleasant. Causes sore eyes ◆ SRCSD Odor Nuisance Threshold per the Odor Control Master Plan 2003
	0.13	
	0.0086	