

From: [Faye Yoshihara](#)
To: [Benton Public Comment](#)
Subject: Copy of Oral Testimony LU-24-027 Speaker #26
Date: Sunday, May 11, 2025 2:51:25 PM
Attachments: [CUP LU-24-027 Faye Yoshihara verbal.pdf](#)

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Dear Benton County Public Comment, I am attached a written copy of my verbal testimony for the record. I was speaker #26.

Thank you,
Faye Yoshihara

Thank you, Commissioners, for the volunteer service and care you are putting into reviewing this CUP. My name is Faye Yoshihara, I live at 37461 Soap Creek Rd. I oppose LU-24-027, due to its impacts on the character of the area.

Chair Fowler, you asked how to square Mr. Ledford's odor analysis with our lived experience of "dump days". Beyond wind direction, we have cloud cover, elevation, topography, temperature, humidity, all interacting with wind and human caused air currents. In a former life, I was a sensory scientist working with human panels to discriminate odor profiles for the purposes of claim substantiation. I am submitting examples of data confirming obnoxious levels of landfill stench, including hydrogen sulfide (H₂S), smelled near the Schoolhouse, 4 miles southwest. This data was generated by Oregon PAQMS, the award-winning science fair invention of three high school students. The applicant uses an assumed value of **36 ppm** for their Title V permit. This is a burden on our community. The EPA and even SCS Engineering's webinar "Staying Ahead of Odor Management at Solid Waste Facilities" state that the public recognizes H₂S at **2 – 3 ppb** (billion). Our data shows 250 - 500 ppb, or 0.25 - 0.50 ppm, mixed with other foul-smelling molecules.

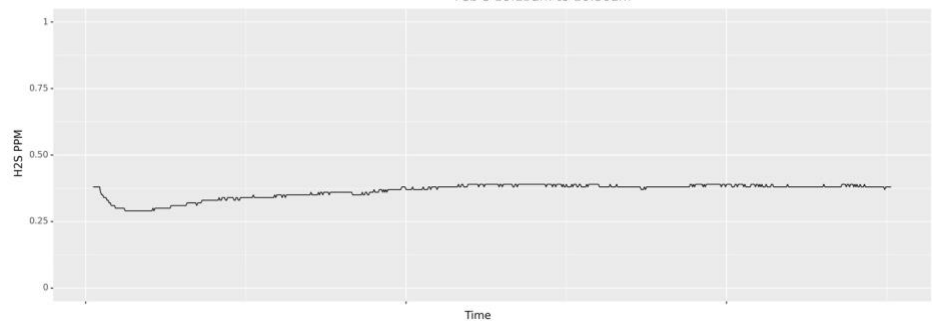
I experience the vagaries of how landfill stench moves on my daily jogs. At mid-valley and tucked behind a knoll at 500 feet, we get both PRC and dump. At the bottom of our ¼ mile driveway, at 400 feet, dump odors are more frequent. I look outside for inversion or cloud banks, which direction they are moving and the color to decide which way to go. Sometimes I get a visual cue, other times not.

I have a good nose, so I only report to DEQ when the odors are nauseating and only at my house. One DEQ report had Republic Services investigation that said nothing was smelled by their staff, however a dead skunk was seen on the road. Soon after, I reported on a blast from PRC, so they know, we know the difference between compost, landfill stench and skunk. In sensory science, there is a condition, called **anosmia or smell blindness**, that can be caused by over exposure to a particular molecule. One known cause is exposure to hydrogen sulfide which causes paralysis of the olfactory nerve.

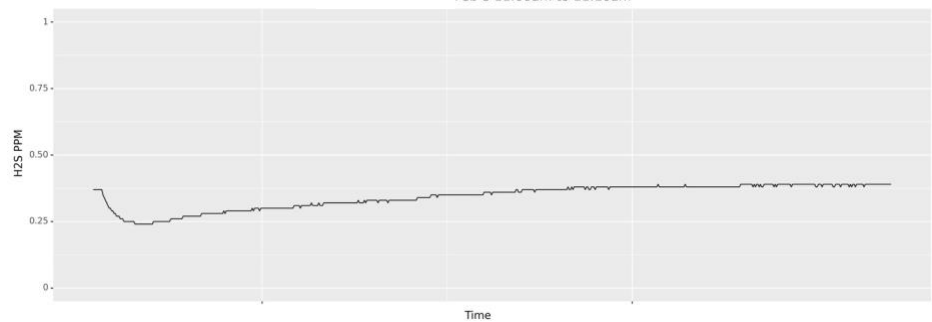
I've heard "acid, chemical, vomit, feces, bad fart, rotten cabbage, sulfur, ammonia and nail polish remover" amongst other descriptors. While each person may perceive differently, our noses are far more accurate than Mr. Ledford's analysis. Odors are also disbursed by human caused air currents. I am submitting still images, but we also have video of garbage trucks tipping their loads, creating swirling clouds drifting in multiple, shifting directions over time. Near neighbors know when a leachate truck is being filled. Far neighbors smell the smallest molecules, including hydrogen sulfide, that stay airborne for much, much longer. True, one mercaptan in landfill stench is also that of skunk, but we know the difference.

The next generation of Benton County residents, possibly including the students who helped us, will live with the decision you take now. Please use your authority to deny the CUP and break the cycle by ensuring no future attempt can be made to grow this industrial sized facility. Thank you for giving me the opportunity to express my concerns.

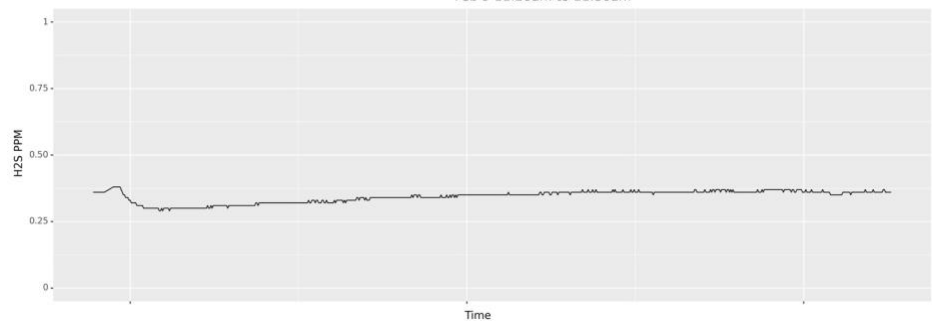
Feb 8 10:15am to 10:30am



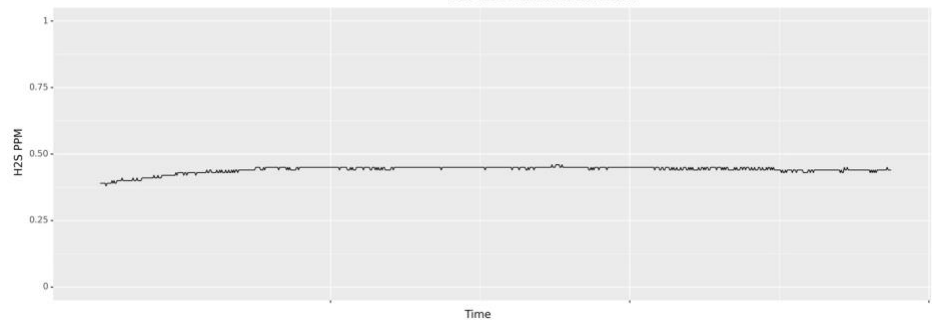
Feb 8 11:00am to 11:10am



Feb 9 11:20am to 11:30am



Feb 15 10:10am to 10:25am





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01/31/2022 10:24:58 AM

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CORRECTION: Dates should be 01/31/2023