



**Benton
County**
OREGON

Benton County Disposal Site Advisory Committee

Packet for meeting on July 9, 2025

Contents:

1. Agenda
2. Draft meeting minutes from 5/14/25
3. PFAS in Landfills and Wastewater Treatment Systems Presentation
4. Notes from sub-committee meetings
5. Community concerns received from 5/12/25 – 6/30/25
6. Relevant news articles and additional information

Planning DSAC Schedule for 2025

January '25						
S	M	T	W	T	F	S

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February '25						
S	M	T	W	T	F	S

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March '25						
S	M	T	W	T	F	S

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April '25						
S	M	T	W	T	F	S

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May '25						
S	M	T	W	T	F	S

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June '25						
S	M	T	W	T	F	S

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July '25						
S	M	T	W	T	F	S

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August '25						
S	M	T	W	T	F	S

				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September '25						
S	M	T	W	T	F	S

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October '25						
S	M	T	W	T	F	S

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November '25						
S	M	T	W	T	F	S

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

December '25						
S	M	T	W	T	F	S

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



COMMUNITY DEVELOPMENT DEPARTMENT
4500 SW Research Way
Corvallis, OR 97333-1192
(541) 766-6819

Disposal Site Advisory Committee (DSAC)

AGENDA

July 9, 2025

6:00 p.m. – 8:00 p.m.

4500 SW Research Way, Corvallis, OR 97333 – Meeting on 2nd Floor this month

This meeting will be held in-person. The meeting will be accessible online for those unable to attend.

<https://us06web.zoom.us/j/88247921911?pwd=EQu4Ofo6VVJNGuVr9KmWhTx96R6LKs.1>

Meeting ID: **882 4792 1911**

Passcode: **680718**

DSAC website with meeting materials, including the meeting packet:

<https://cd.bentoncountyor.gov/disposal-site-advisory-committee-dsac>

Agenda Item #	Start Time	Duration	Topic	Speaker(s)
1	6:00 p.m.	5 min.	Call to Order and welcome new members	Chair
2	6:05 p.m.	20 min.	Public comment – your comments welcome. Each commenter generally limited to 3 minutes.	Public
3	6:25 p.m.	10 min.	Update on LU-24-027	Staff
4	6:35 p.m.	5 min.	Review and approve the draft of the last meeting's minutes and action items.	Committee
5	6:40 p.m.	40 min.	An overview of PFAS and relevancy to the Coffin Butte Landfill	Dr. Jennifer Field
6	7:20 p.m.	5 min.	Break	Committee
7	7:25 p.m.	25 min.	Updates from Sub-Committees <ul style="list-style-type: none">• Odors, Methane, Title V permit• Groundwater, Leachate• Community Engagement	Committee
8	7:50 p.m.	5 min.	Request Agenda Items, staff requests for next meeting	Committee
9	7:55 p.m.	5 min.	Next meeting/wrap up/adjourn	Chair



COMMUNITY DEVELOPMENT DEPARTMENT
4500 SW Research Way
Corvallis, OR 97333-1192
(541) 766-6819

Disposal Site Advisory Committee (DSAC) Membership

Name	Term	Name	Term
Rachel Purcell, Chair	1/1/24 - 12/31/25	Chuck Gilbert	1/1/24 - 12/31/25
David Hackleman, Vice-Chair	1/1/24 - 12/31/25	Paul Koster, Landfill Representative	1/1/24 - 12/31/25
Jennifer Field	1/1/24 - 12/31/25	Peter Petersen	1/1/25 - 12/31/26
Brent Pawlowski	1/1/24 - 12/31/25	Dianne Cassidy	1/1/24 - 12/31/25
David Livesay	10/1/24 - 12/31/25	Robert Kipper	1/1/24 - 12/31/25
Charlene Carroll	10/1/24 - 12/31/26		
Benton County Staff			
Bailey Payne, Solid Waste Program Coordinator			

DSAC Members Excused: Dianne C.

Sub-committees:

- **Odors, Methane, Title V permit** – David H., Jennifer F.
- **Groundwater, Leachate** – David L., Charli C., Peter P.
- **Community Engagement** – Dianne C., Robert K.

Upcoming Meetings: September 10, November 12

2) Draft meeting minutes
from 5/14/25



MEETING MINUTES
Disposal Site Advisory Committee (DSAC)
May 14, 2025

Benton County DSAC Chair Rachel Purcell called the meeting to order at 6:03 P.M. The meeting was open to the public virtually via a published Zoom link.

COMMITTEE MEMBERS ATTENDING

Rachel Purcell, Chair
David Hackleman, Vice-Chair
Jennifer Field
Chuck Gilbert
Brent Pawlowski
Charlene Carroll
David Livesay
Paul Koster, Republic Services
Robert Kipper
Peter Peterson
Diane Cassidy

STAFF

Bailey Payne, Solid Waste Program Coordinator

GUESTS

Kevin Kenaga
Paul Nietfeld
Natalie
Patricia Wheeler

1. Call to Order – Chair Purcell called the meeting to order at 6:03 p.m.

2. Expansion Proposal Update - Ken Eklund provided an update on the ongoing expansion proposal concerning the Coffin Butte landfill. In his letter, he outlined his observations and concerns about the public hearings.

Bailey Payne clarified a few points: There was an overflow room during public hearings so nobody was turned away. He also clarified that although Valley Landfills is the permit holder, Republic Services remains accountable for monitoring responsibilities due to their ownership of the landfill. He also noted that approximately 2,500 pages of

testimonials have been reviewed, with 11 packets of information submitted for public comment.

3. Public Comments

- **Paul Nietfeld's Commentary:**

- Expressed the necessity of timely reporting from franchisees on landfill operations to facilitate transparency and enable effective public oversight. He highlighted how delays in receiving reports hamper the community's ability to engage meaningfully.
 - Stressed the importance of continuing discussions on landfill oversight advocating for regular dialogue on issues such as tonnage monitoring and compliance with environmental regulations.
-

4. Approval of Previous Meeting Minutes - The minutes from the previous meeting were reviewed. There were three items that needed to be corrected. Livesay moved to approve minutes as corrected and Hackleman seconded. Motion carried.

5. Overview of PFAS and relevancy to the Coffin Butte Landfill – Due to technical issues, this presentation was rescheduled for the next meeting. It was suggested that member review the [video](#) from the Clean Water Symposium to gain additional context on PFAS and its implications for public health and safety.

6. Break – 5 min.

7. Committee Membership and Priorities

Collaboration Reminder: Paul Koster emphasized Republic Services' commitment to ensuring timely report submissions and monitoring of landfill operations.

Annual Report Timeline: The 2024 Coffin Butte Annual Report is anticipated for completion by the end of the month. The DSAC will be asked to review

Oversight Discussion: The group talked about the importance of sustained oversight and engagement regarding landfill operations and compliance with environmental standards.

8. Meeting Schedule

The committee discussed the potential shift from monthly to bi-monthly meetings, noting that this could reduce the workload, given that several backlog items have been addressed. It was decided that the DSAC will shift to every-other-month meetings. The next meeting will be on July 9th.

9. **Adjournment** - The meeting was adjourned at 8:05 p.m. Livesay made the motion, Koster seconded.

Action Items:

- Sub-committees to meet and begin identifying goals in June.
- Staff to send [link](#) to PNGC Power presentation about landfill gas.
- Staff to send landfill map with dates.

Sub-committees:

- **Odors, Methane** – David H., Jennifer F.
- **Groundwater, Leachate** – David L., Charli C., Peter P.
- **Community Engagement** – Dianne C., Robert K.

3) PFAS in Landfills and Wastewater Treatment Systems Presentation



PFAS in Landfills & Wastewater Treatment Systems

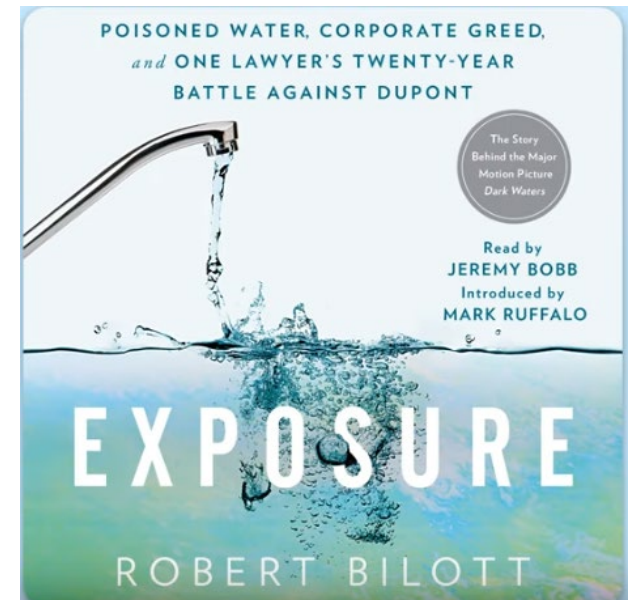
DSAC Meeting

May 14, 2025

Jennifer A. Field, Ph.D.
Department of Environmental and Molecular Toxicology

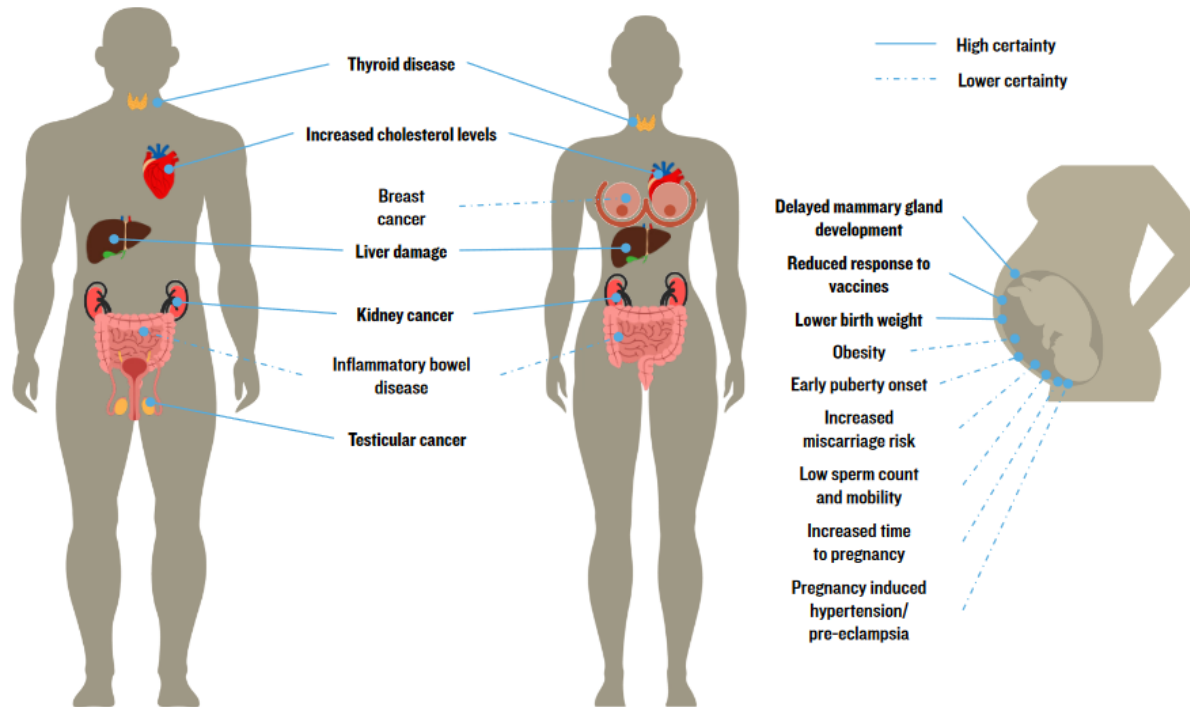
PFAS in the Press

- Per- and Polyfluoroalkyl Substances
- Household word around the world
- Local, national, international news media, movies, books





Human Toxicology



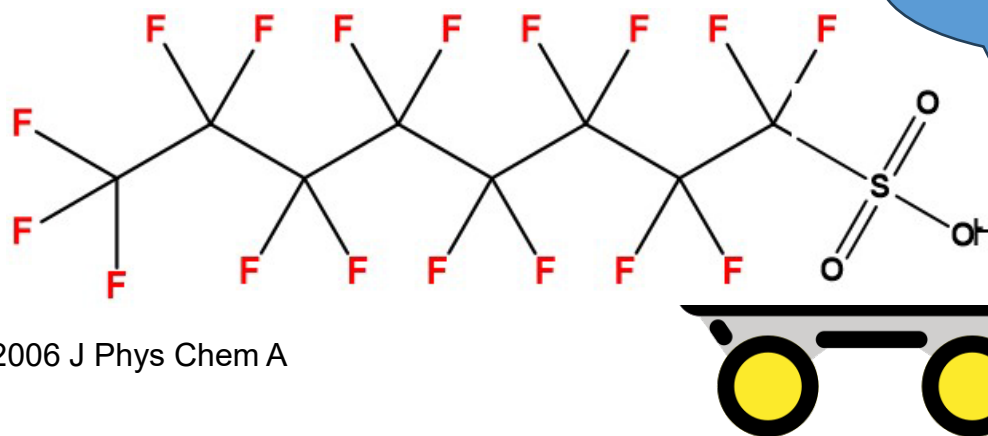
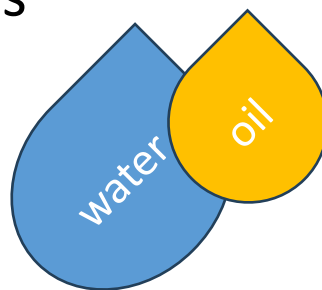
- PFAS half lives: days to years
- PFAS bind to protein
 - blood-rich tissues (liver, kidney, and blood)
- PFOA & PFOS have been shown to induce tumors in rodents and fish



Jamie DeWitt

What Markets PFAS Non-Specialty

- (per)Fluorinated tail
 - low van der Waal forces¹
- 'R' group
 - source of PFAS variety

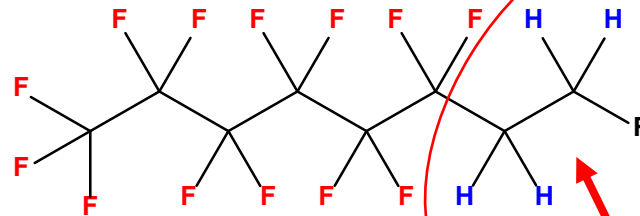
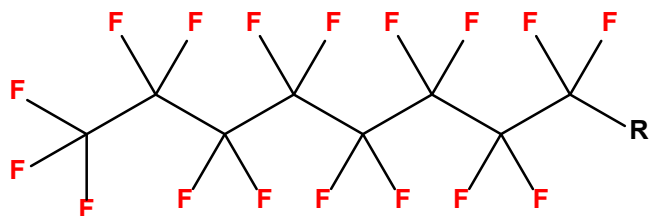


¹Goss and Bonner 2006 J Phys Chem A



PFAS Anatomy & Nomenclature

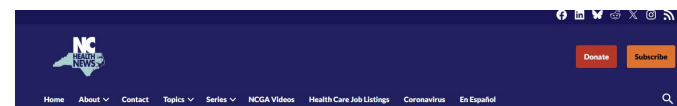
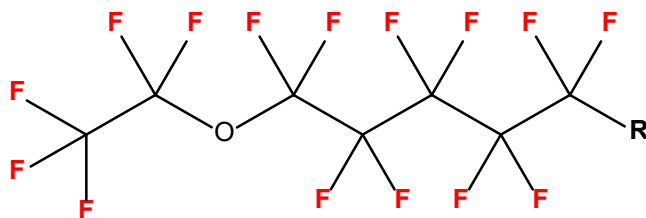
- Perfluorinated vs. polyfluorinated...



... a big difference to a mass spectrometer!!

'Weak spot'

- Similar function, avoid patents
- Adds a 'weak' spot...
- Slip in an oxygen....

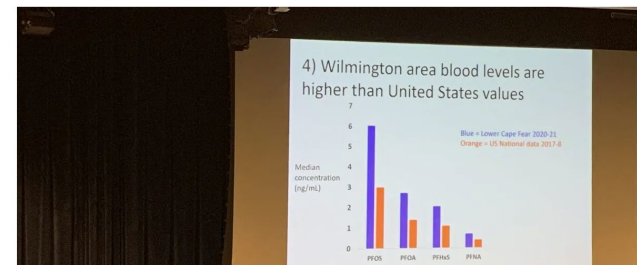


ENVIRONMENTAL HEALTH GenX study finds Chemours-specific chemicals in residents

A recent GenX exposure study found high levels of four highly fluorinated compounds in volunteers living in the Cape Fear River basin.

by Coastal Review Online
December 12, 2022

Facebook Twitter LinkedIn Email

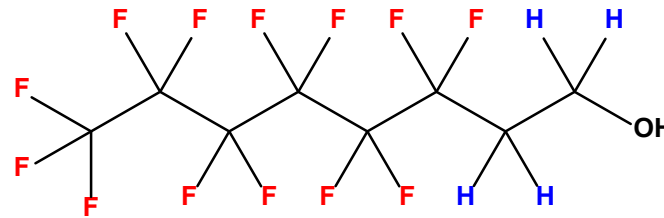


PFAS Anatomy & Nomenclature

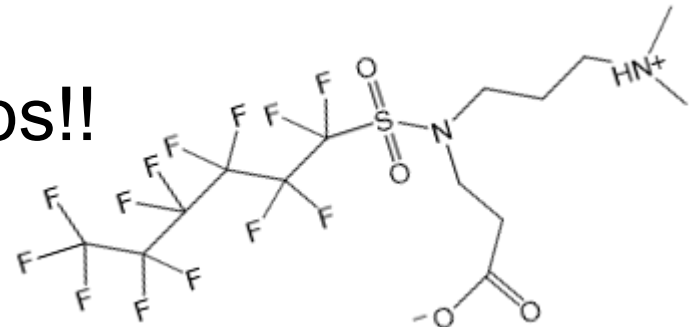
- If a R group is neutral...
 - higher vapor pressure → volatile!

#1 PFAS in landfill gas

that's an
FTOH



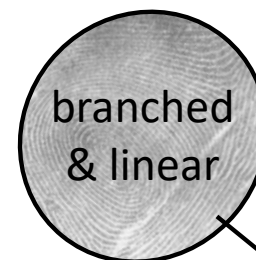
- Some really wacky R groups!!
 \wedge
 zwitterionic



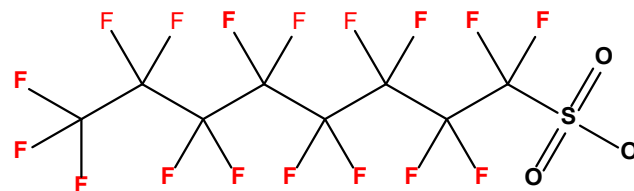
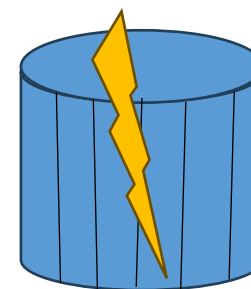
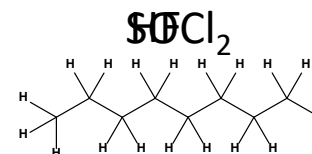


How PFAS are Made

- 3M electrofluorination chemistry
 - Hydrocarbon feedstock
 - ✓ biodegradable
 - HF (handle me with care!!)
 - Products = PFOS + a lot of by products
 - ✓ not biodegradable



It's me again
(PFOS)!



PFAS as 'Forever Chemicals'

- Microbes can't use perfluorinated PFAS for carbon or energy

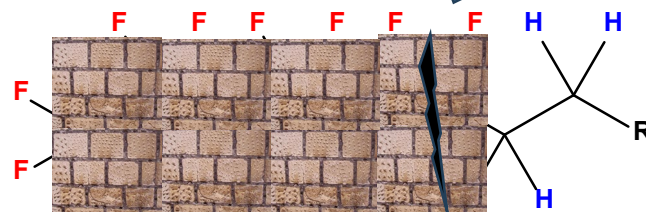
- puts the 'P' in Persistent Bioaccumulative and Toxic criteria (Stockholm Convention)
- persistence alone basis for regulation¹

PBT chemicals,
Maybe not a
great idea....

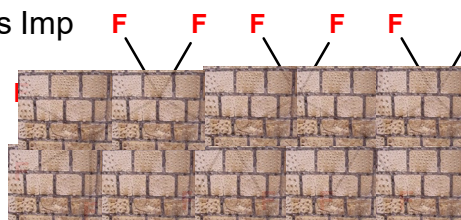


you can call me
a 'precursor'
(not forever)

- Polyfluorinated 'spacer' + R (C, N, P, S)



¹Cousins et al. 2019 Environ Sci Process Imp



linear

back to a forever
chemical...



Precursors to Persistent PFAS

Interstate Technology and Regulatory Council – a valuable resource!

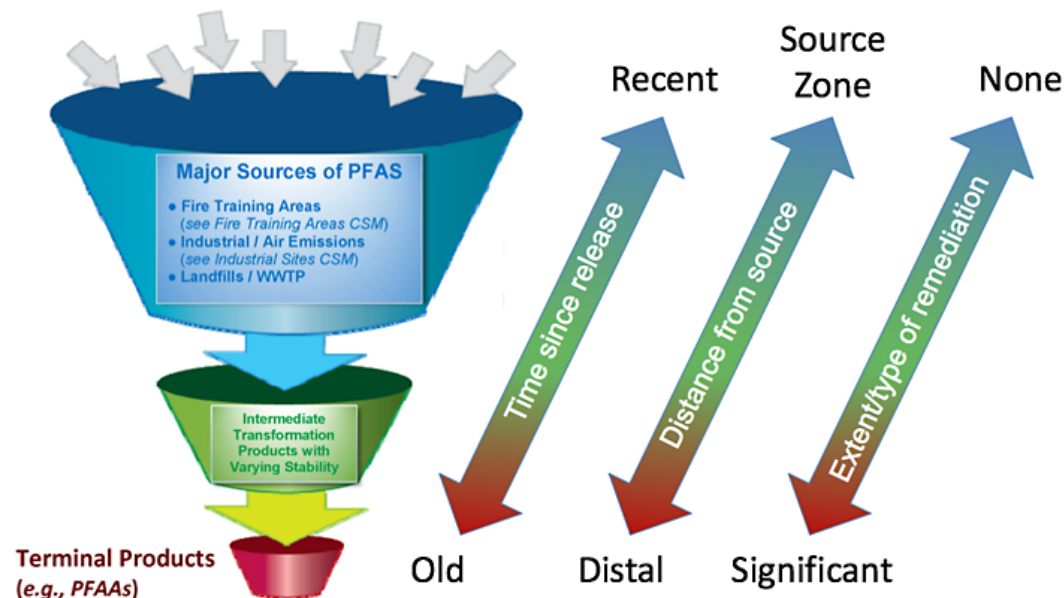
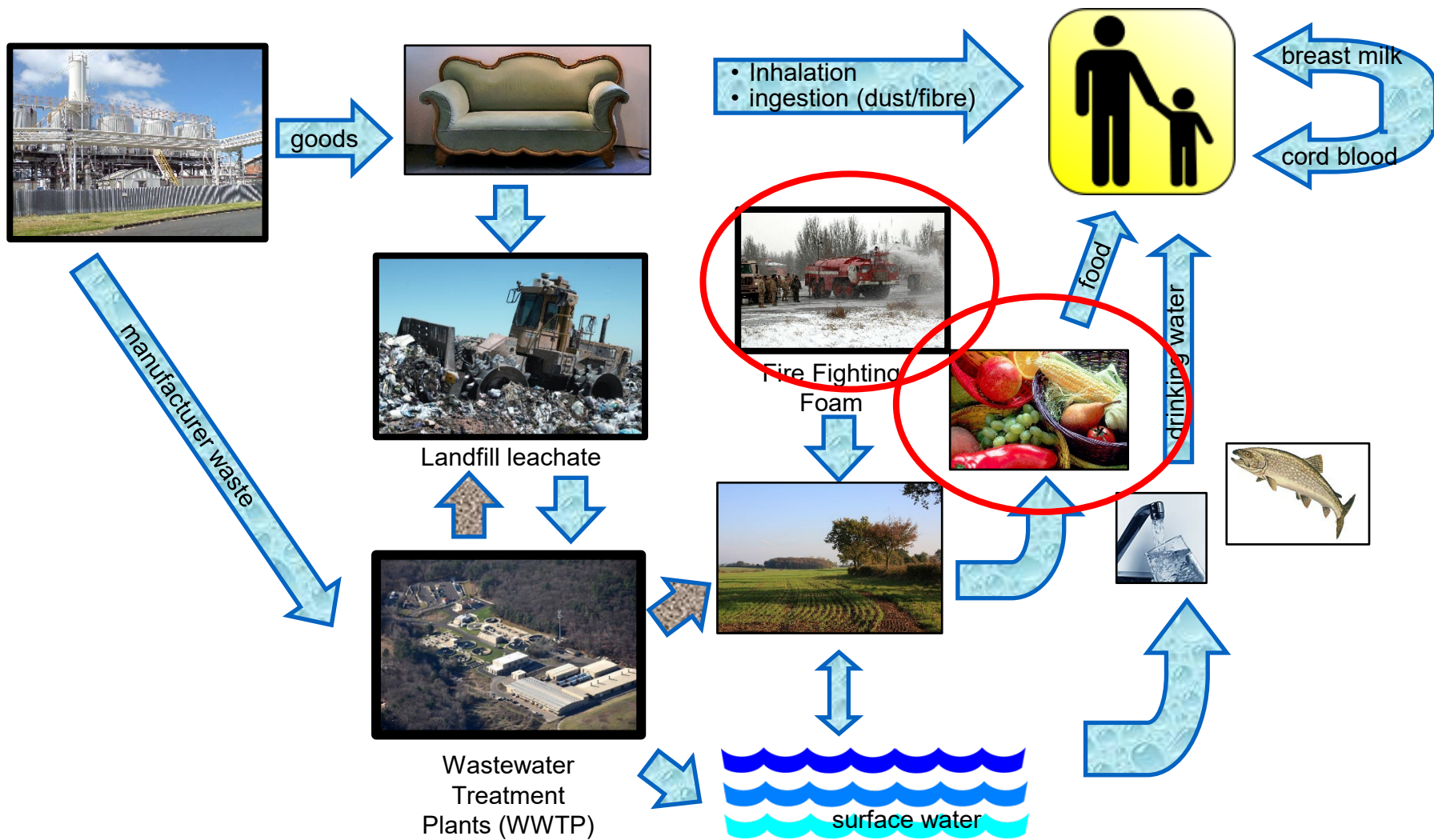


Figure 5-4. Illustration of precursor transformation resulting in the formation of PFAAs.

Source: L. Trozzolo, TRC, and C. Higgins, Colorado School of Mines. Used with permission and based on [This Photo](#) by Unknown Author is licensed under [CC BY-SA](#).

PFAS Uses & Routes of Exposure



Adapted from Oliaei 2013, Environ Pollut Res; By Ingolfson - Self-photographed, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=3746726>; By Loriots_Sofa_(Hommage_in_Bonn).jpg: Elke Terstegen (el-ter)derivative work: Miss-Sophie - This file was derived from: Loriots Sofa (Hommage in Bonn).jpg; CC BY 2.0, <https://commons.wikimedia.org/w/index.php?curid=22147686>
 By Ezra Katz - File:ParentChildIcon.svg, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=19136021>; By Bob Jones, CC BY-SA 2.0, <https://commons.wikimedia.org/w/index.php?curid=13130171>; By USEPA Environmental-Protection-Agency - Water pouring from a faucet into a clear glass cup., Public Domain, <https://commons.wikimedia.org/w/index.php?curid=51969746>
 By Unknown photographer - This image was released by the National Cancer Institute, an agency part of the National Institutes of Health, with the ID 2451 (image) (next)., Public Domain, <https://commons.wikimedia.org/w/index.php?curid=24047554>; Public Domain, <https://commons.wikimedia.org/w/index.php?curid=2144107>; By Master Sgt. Daniel Nathaniel, U.S. Air Force - <http://www.manas.afcent.af.mil/>; gallery; exact Source, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=4209968>

Ideal Landfill

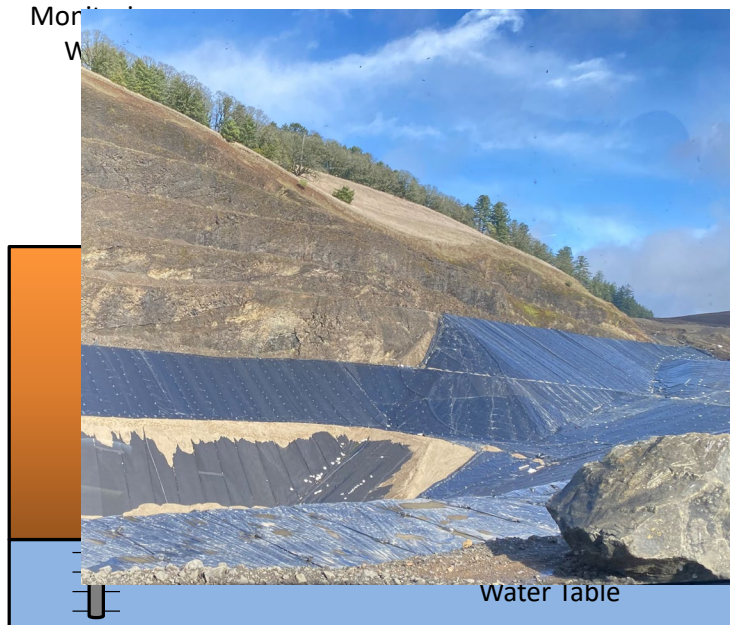
- Engineered system: isolate waste from environment

...Real Landfills

who is the 'Brad Pitt of landfills'?



Mort Barlaz



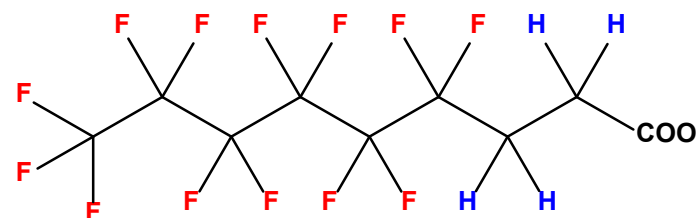
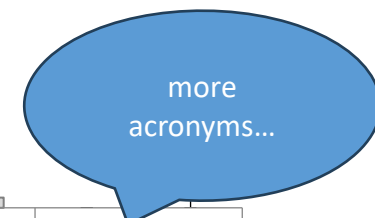
Florentino de la Cruz

US National Survey of Landfill Leachate

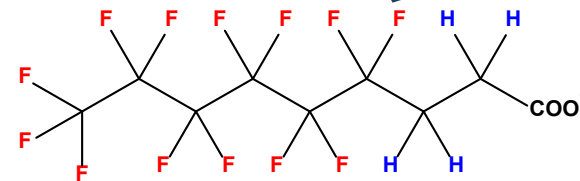
- 17 municipal solid waste landfills
- 41 Cells (1–6 cells/landfill)
- 1–3 samples per cell

	TOC (mg/L)	Conductivity (mS)
Leachate	7.5 – 22,000	1.2–18 (SeaH ₂ O=55)
WWTP effluent	15	0.9





- 



its me again...!
(5:3 FTCA)



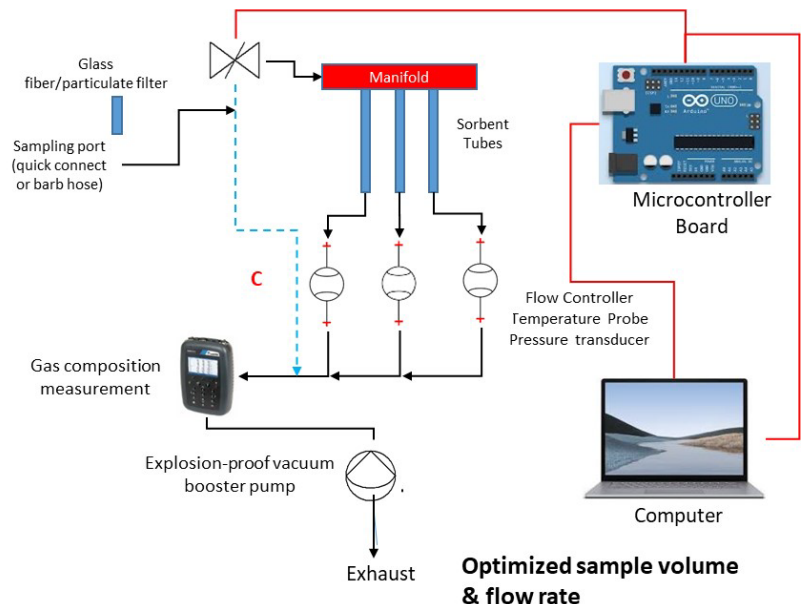


Landfill Gas Sampling

- 30 sites throughout the US
- Annual precipitation (arid to wet)
- Waste Types
 - municipal, construction, demolition, ash, biosolids
- Disposal: 1950s – recent
- Waste Decomposition State
 - fresh (< 5 yr) to old (> 10 yr)



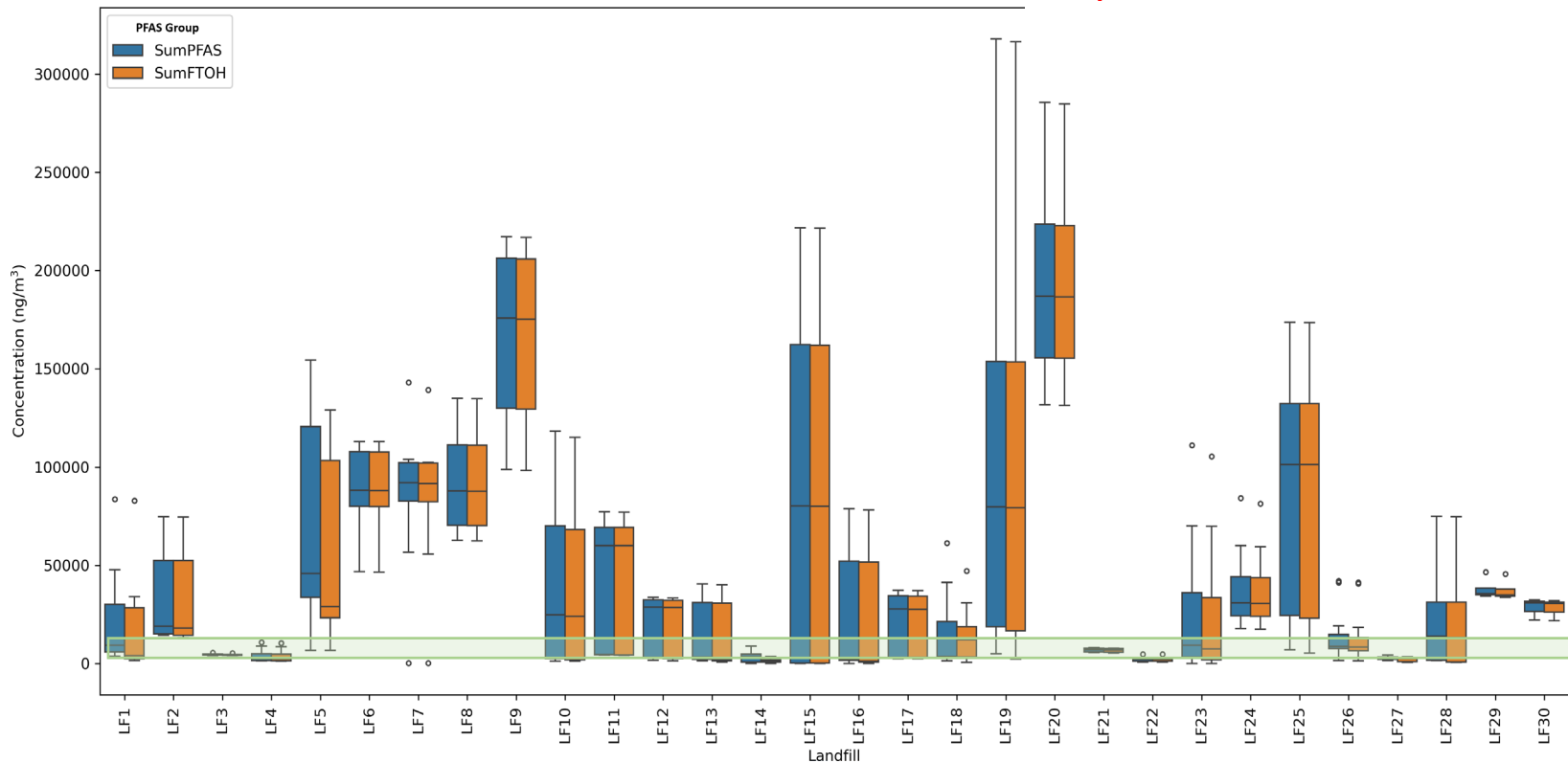
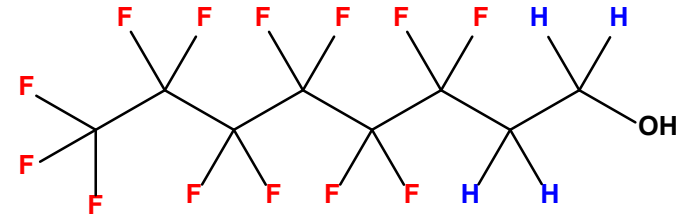
Main Header



PFAS in Landfill Gas

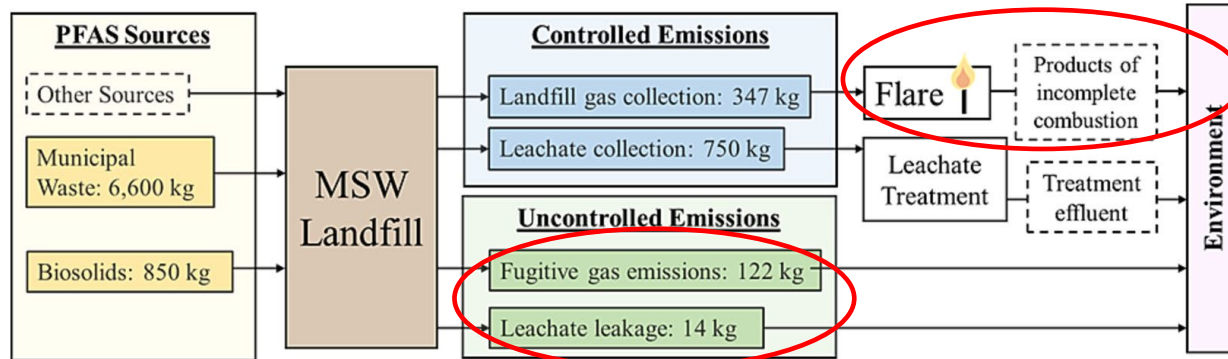
- FTOHs - major PFAS
- Orders of magnitude above ambient air
- FTOHs degrade to PFOA

I'm volatile

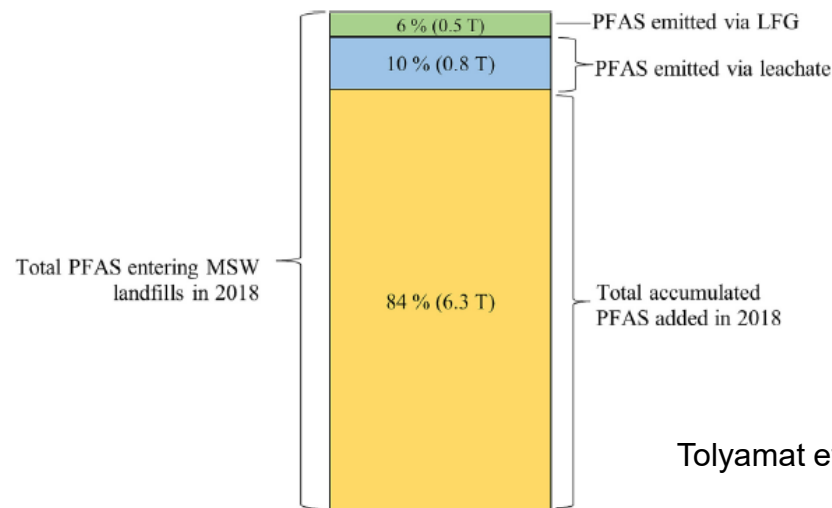




US Landfill Inventory



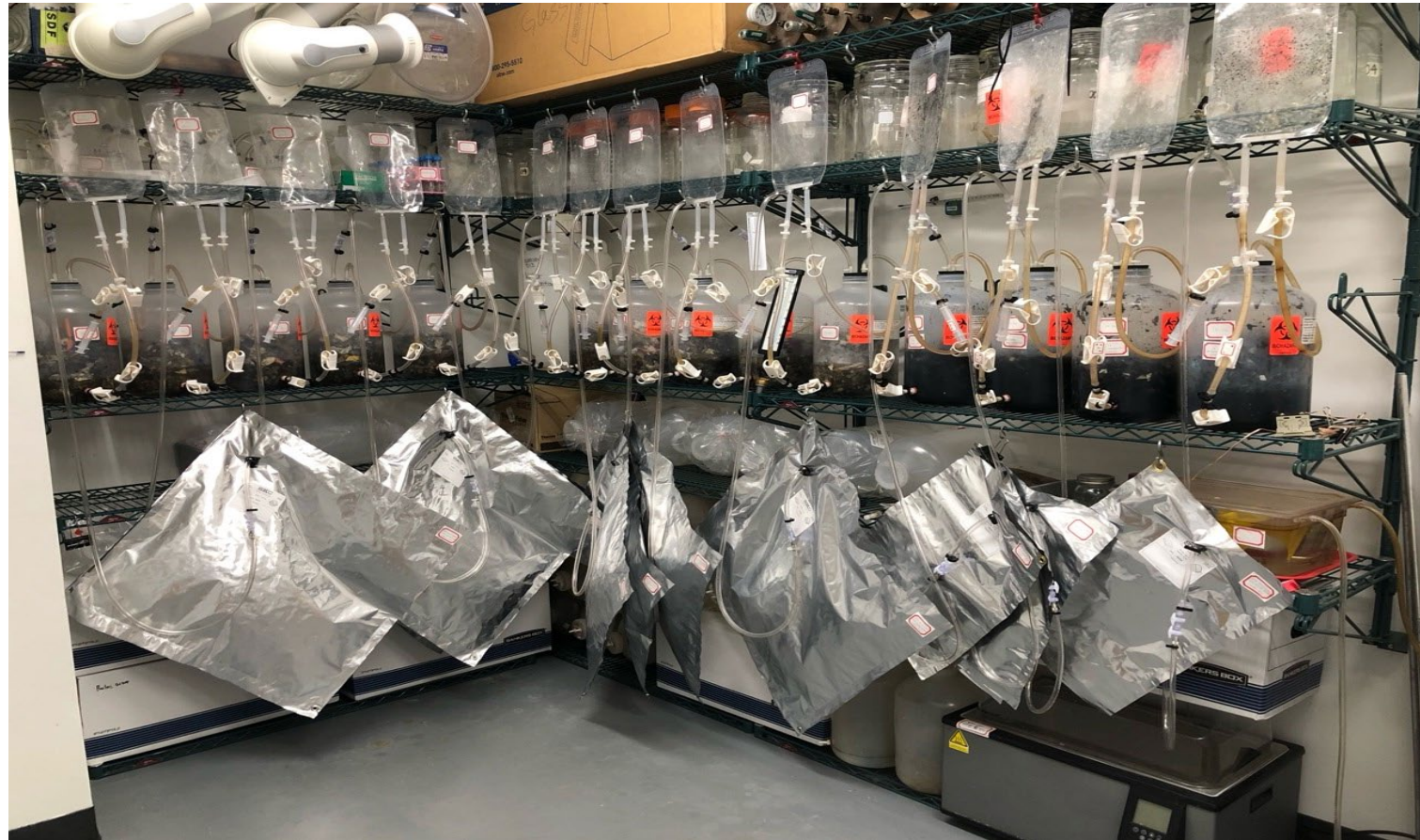
- 11% of emissions are uncontrolled
- few data on fate during flaring
- leachate and gas emissions (kg/yr) are equal
- landfills in wet areas generate more leachate with PFAS



Tolyamat et al. 2023 Sci Tot Environ



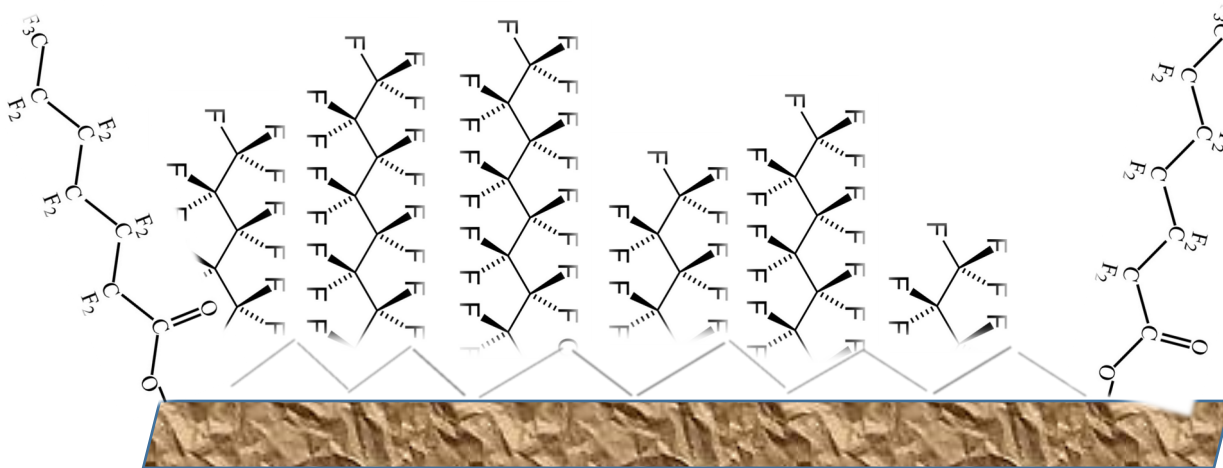
Model Landfill Reactors



Carpet & clothing (Lang et al 2016 ES&T)
Food packaging (Yi et al 2024 ES&T)
Mixed waste (Allred et al. ES&T 2015)

Reactor Studies

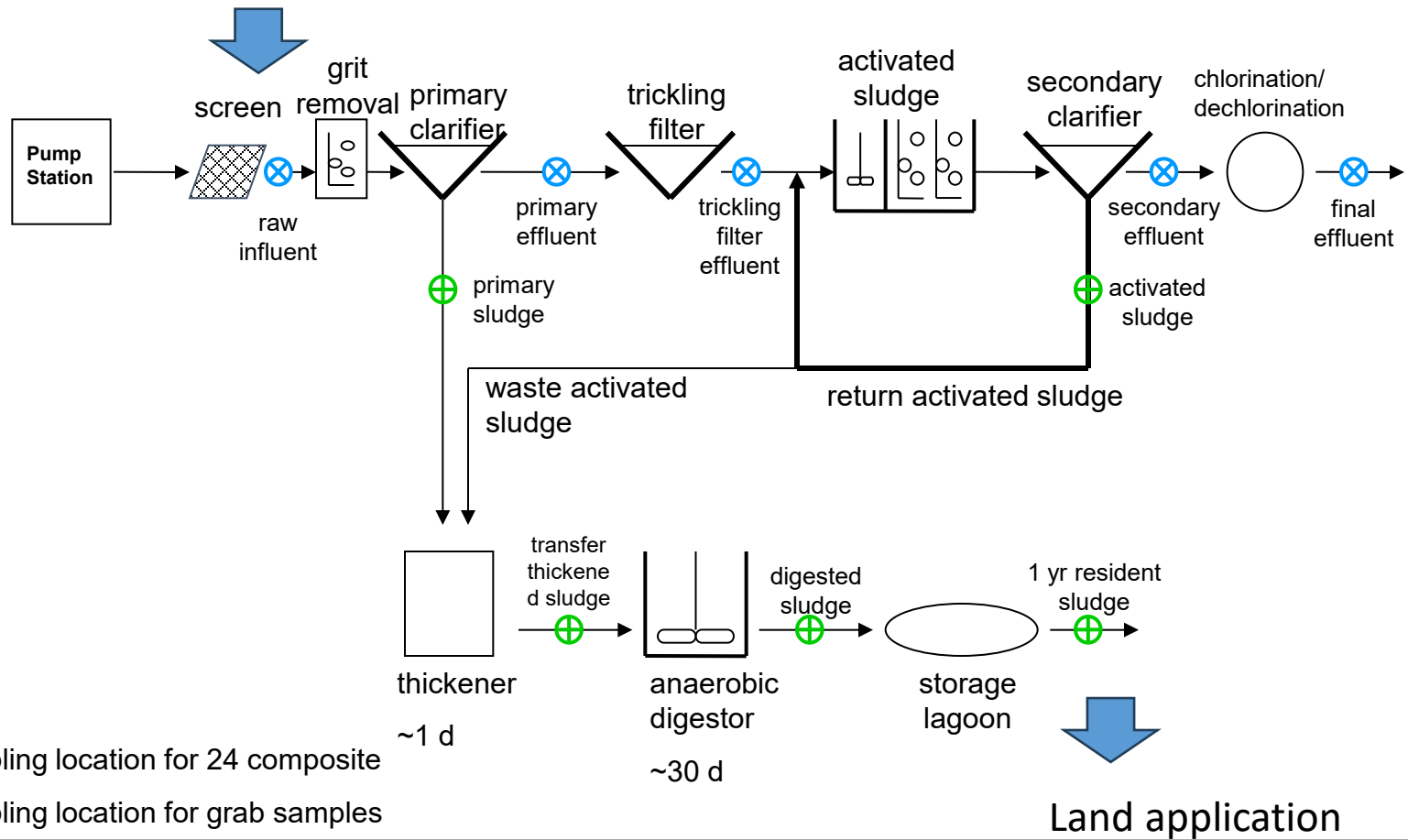
- Loss of unbound residuals
- Substrates (paper) degrade, further PFAS release



¹Kim et al. 2015 ES&T; ²Allred et al. 2015 ES&T; ³Lang et al. 2016 ES&T



WWTP Mass Flow Study

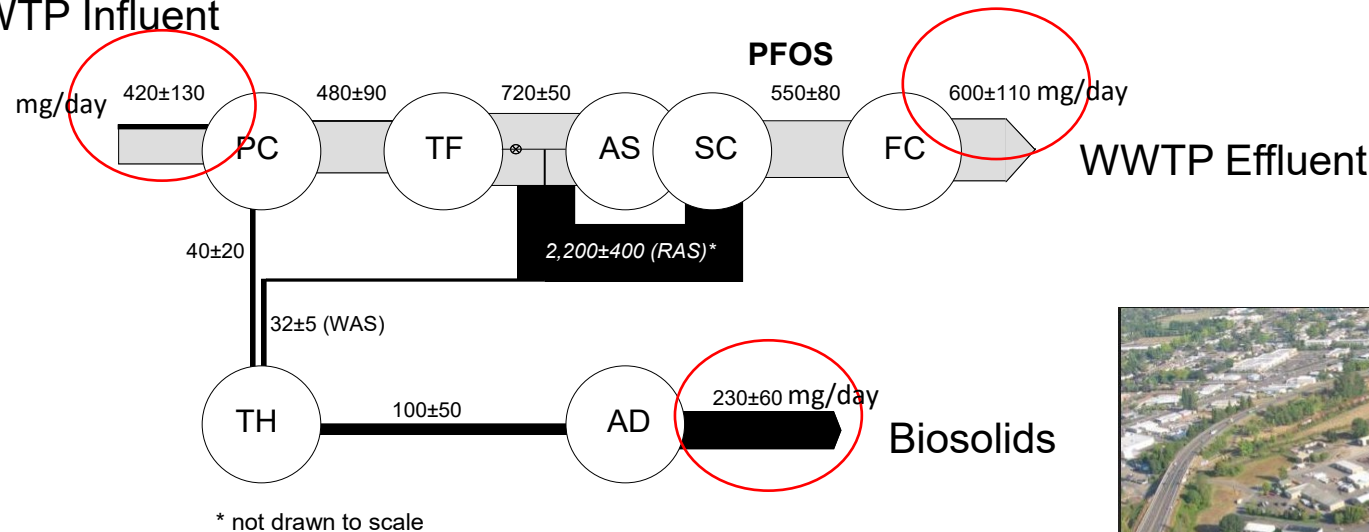




PFAS Mass Flow

- When it come to PFAS.... what goes in ...goes out¹
- PFAS 'exported' to surface water & biosolids land applied

WWTP Influent



- Ineffective for removing PFAS
- Leachate dilution increases volume and mass requiring treatment



¹Schultz et al. 2006 ES&T;
<https://www.corvallisoregon.gov/publicworks/page/wastewater-treatment>



Conclusions

- PFAS are associated with innumerable materials and products
- Product use and disposal results in sources with unique fingerprints that enter the air and terrestrial environment
- Landfills are significant PFAS point sources with controlled and fugitive emissions to water and air

Acknowledgements

- Environmental Security Technology Certification Program (**ESTCP**) and Strategic Environmental Restoration and Development Program (**SERDP**)

4) Minutes from Sub-committees

Meeting Summary for DSAC Groundwater & Leachate Sub-Committee Meeting

Jun 11, 2025 05:20 PM Pacific Time (US and Canada) ID: 880 7784 2799

Quick recap

The meeting began with discussions about technical challenges and the establishment of a subcommittee, including the handling of public records and potential site expansion needs. The group reviewed landfill monitoring data and discussed concerns about leachate management, PFAS regulations, and wildlife impacts at various sites. The conversation ended with discussions about water quality testing for private wells and plans for future reports and documentation, including the need for comprehensive monitoring systems and potential new landfill sites.

Next steps

- [Dave: Review 2024 Annual Report and update groundwater monitoring analysis document with maps showing regional context including Willamette River, Soap Creek, wetlands, and E.E. Wilson](#)
- [Subcommittee: Prepare recommendations for DSAC regarding PFAS monitoring, Environmental Quality Commission involvement, well monitoring system improvements, and adding Soap Creek to monitoring program](#)
- [Pete & Charli: Review Dave's analysis document and provide feedback/suggestions](#)
- [Pete: Compare 2023 and 2024 Annual Reports side by side and document notable differences](#)
- [Charli: Research historical wildlife baseline data for E.E. Wilson area](#)
- [Subcommittee: Present updated recommendations at next DSAC meeting in July](#)
- [Dave: Send updated analysis to subcommittee members for final review before July DSAC meeting](#)

Summary

Meeting Setup and Site Selection

Benton and The discussed technical difficulties with concurrent meetings and the setup of a subcommittee. Benton explained the process of recording and summarizing meetings for public records. They briefly touched on the topic of expansion and the need for a new site, with The suggesting that the state should be responsible for site selection. Benton expressed gratitude for the intelligent and well-intentioned participants joining the group.

SB 726 Advocacy and IT Planning

The group discussed technical issues with recording the meeting and noted that Senate Bill 726, which focuses on odor and air emissions, might be relevant for advocacy within the subcommittee. Benton mentioned the need to unlock certain IT capabilities and manage multiple platforms while working with limited staff. The conversation ended with Benton planning to send out a detailed email the following morning and to check if all participants were present on the correct platform.

Landfill Monitoring System Analysis Review

Dave presented his analysis of the landfill monitoring data, focusing on the system design and identifying potential gaps in the current monitoring approach. He noted that while no major issues were found, several areas could benefit from further investigation, including the appropriateness of existing wells and the need to monitor Soap Creek. The group discussed the potential impact of new EPA regulations on PFAS standards and agreed that specific regional monitoring requirements should be established, even if they differ from federal guidelines. They concluded that the subcommittee should review Dave's recommendations and present them to

the full committee for approval, with a focus on strengthening the monitoring program and potentially engaging DEQ for a more comprehensive evaluation.

Coffin Butte Leachate Treatment Options

The group discussed the handling of leachate from the Coffin Butte Landfill, which will no longer be accepted by the city of Corvallis after December due to concerns about its discharge into the Willamette River. They explored potential treatment options for the leachate and sludge, with Dave noting that various vendors are being considered but no final decisions have been made. Benton expressed pessimism about upcoming federal legislation on PFAS, suggesting it could take anywhere from 4 to 40 years, while Charli agreed that PFAS regulation might improve in that timeframe.

Landfill Monitoring Document Review

Dave requested a review of a document he had prepared, which included recommendations for Republic and DEQ regarding monitoring and sampling at the landfill site. The group agreed to review the document, with Dave planning to update it after comparing it to the 2024 annual report and incorporating any necessary changes. They discussed the need to ensure the document's accuracy and credibility, given the potential for pushback from stakeholders. Charli and The agreed to review the document and provide feedback before the next meeting.

Wildlife and Landfill Site Concerns

The group discussed concerns about wildlife at the E. Wilson site, noting a lack of certain species like ducks and the presence of seagulls and bald eagles, which may compete with or prey on ducks. They agreed to review and propose additional items for discussion with Republic and DEQ, including monitoring and cleanup programs. The conversation also touched on the need for a new landfill site, with Dave suggesting that the state should be involved in the decision-making process, as this is a regional issue. Charli mentioned that local counties are working together to determine a new site, and Dave referenced an editorial that highlighted the inevitability of expanding Coffin Butte landfill due to lack of alternatives.

2023-2024 Waste Management Review

The group discussed reviewing and comparing reports from 2023, 2024, and potentially making additional proposals related to a cleanup program and the designation of a new regional landfill after CBL closes down. Dave mentioned he would be busy in the coming month with a wedding and a trip to Montana, but would do his best to complete the review. The team agreed to send Dave's previous report for review and suggested additions, and Charli inquired about the next DSAC meeting, which was confirmed to be in July. Dave expressed concerns about the current monitoring system for waste disposal sites, noting that the wells were old and not meeting current needs, and emphasized the importance of establishing a robust system for the next 30 years.

Private Well Water Testing Discussion

The group discussed water quality testing for private wells, with Dave recommending that The call Benton County's extension service for free testing or use Edge Analytical for a comprehensive \$100 test including pesticides, arsenic, nitrates, and coliform bacteria. Dave shared his experience living in Lewisburg with a low-yield well producing 2 gallons per minute, while The described their well producing 11 gallons per minute and their rainwater collection system. The conversation ended with an agreement that The would review and send materials to the group, and Dave would begin working on the 2024 report.

DSAC Odors, Methane & PFAS Sub-Committee Notes

Odors, Methane & PFAS Sub-Committee - David H., Jennifer F. - Meeting Link:

<https://us06web.zoom.us/j/88243691063?pwd=BI5xGvmLcs7b2aMDnsXK1SKudJBxmG.1>

-----June 11, 2025-----

Meeting Summary for DSAC Odors, Methane & PFAS Sub-Committee Meeting

Jun 11, 2025 05:27 PM Pacific Time (US and Canada) ID: 882 4369 1063

Quick recap

David and Jennifer coordinated logistics for an upcoming subcommittee meeting and discussed Senate Bill 726's requirements regarding methane emissions monitoring. David and Jennifer explored technical aspects of air monitoring and proposed conducting research to identify and analyze air pollutants from landfills and PRC facilities, including investigating odor sources and potential health impacts. They planned to present their findings and recommendations to the committee, focusing on developing a systematic approach to emissions monitoring and addressing various environmental concerns.

Next steps

- David & Jennifer: Develop a detailed sampling plan to identify chemical fingerprints of emissions from both the landfill and PRC sites using thermal desorption tubes and GCMS analysis
- David & Jennifer: Review Senate Bill 726 in detail to understand how the methane monitoring requirements align with their broader emission monitoring proposal
- David & Jennifer: Present findings and recommendations about emissions monitoring to the full Disposal Site Advisory Committee at next month's meeting
- David & Jennifer: Research available methods for identifying and distinguishing odor sources between landfill and PRC facilities
- David & Jennifer: Prepare a presentation for the next DSAC meeting about the proposal to analyze air emission fingerprints from both the landfill and PRC sites
- Jennifer: Research potential funding opportunities through EREF for conducting the proposed air sampling study
- David & Jennifer: Explore potential research collaboration opportunities with OSU and EREF funding for conducting emissions fingerprinting study
- David: Write and send a meeting summary to Bailey regarding the proposed air sampling and analysis plan for landfill and PRC emissions
- David: Draft a summary of the proposed air monitoring approach for emissions from the landfill and PRC sites to be presented at the next committee meeting
- Jennifer: Review David's draft summary before submission to the committee

- David: Wait for and review Bailey's summary before finalizing the draft
- David: Present the finalized short summary to the committee for approval

Summary

Zoom Meeting Hosting and Senate Bill Review

David and Jennifer discuss the technical aspects of hosting Zoom meetings, including recording and accessing meeting summaries. They agree that David and Jennifer will review the Senate Bill, focusing on methane and PFAS, and develop recommendations to present at the next meeting. David expresses appreciation for the committee's work and the Oregon legislature's recent actions, while Jennifer acknowledges the value of diverse expertise on the committee. They both emphasize the importance of addressing waste management issues and protecting Oregon's natural resources.

Senate Bill 726 Implementation Planning

David and Jennifer discuss Senate Bill 726, which they confirm will take effect on January 1, 2027. They consider potential roles for DSAC in the implementation of the bill, including exploring satellite or drone technology.

Methane Monitoring in Landfills

David and Jennifer discuss Senate Bill 720, which requires methane emissions monitoring at landfills using advanced remote detection technology. The bill, set to become operative on January 1, 2027, mandates reporting of emissions with spatial geographic maps and requires monitoring of exceedances within 10 days of detection. David notes that while this is a step forward, focusing solely on methane is not adequate for comprehensive emissions monitoring.

Enhancing Odor Source Monitoring

David expresses concerns about the limitations of current methane monitoring, noting it doesn't address PFAS, odor sources, or emission components. He suggests implementing a system to monitor and identify odor sources automatically, distinguishing between landfill and composting facility emissions. Jennifer explains that discerning odor sources is challenging and requires sophisticated equipment. She discusses various air monitoring techniques, including VOC measurements and fingerprinting, and mentions olfactory GCMS used in industries for odor detection. David proposes researching available technologies to determine odor sources and assess potential health risks, emphasizing the need for a more systematic approach than relying on random odor complaints from residents.

Landfill Air Pollution Research Study

David and Jennifer discuss conducting a research project to identify and analyze air pollutants from the landfill and PRC. They propose air sampling at both sites using sorbent tubes and GCMS analysis to detect and compare chemical signatures. Jennifer suggests partnering with industry or applying for an EREF grant to fund the study, possibly involving university students. They aim to determine the source and composition of odor-causing chemicals, including sulfur compounds, BTEXs, and PFAS. The goal is to compare concentrations to known odor thresholds and toxicity levels, potentially linking detected

compounds to health effects and environmental impacts. They plan to present a simplified version of this proposal to the committee next month.

Emissions Investigation Plan Discussion

David and Jennifer discuss their plan to propose investigating the emissions from two sites. They agree to first determine the "fingerprints" of the emissions in the air at each location, followed by identifying which site is emitting the detected substances. Jennifer mentions that her lab has the capability to perform this analysis using thermal desorption tubes, which can detect PFAS at nanogram levels in small air samples. David agrees to draft a summary of their proposal for the committee, which Jennifer will review before it's forwarded to Rachel for discussion at the next meeting.

-----**August 13, 2025**-----

5) Community concerns received from 5/13/25 – 6/30/25

Does not include public comments on
LU 24-7 which are being tracked
separately.

6/22/25

Fire

There was a so-called ""hot load"" dumped in Philomath on Thursday -- ""hot load"" is when garbage in the truck is on fire, and they dump it out immediately to save the truck (which is often propane-fueled, so having that catch on fire = not good). I think that the Philomath fire dept. responded to that one. Add that to the hydraulic fire on the working face, the other working face fire, the grass fire near the flares, and the recent fire that almost took out 9th street at Republic offices on Walnut (since it was at the propane fueling depot). So FIVE landfill-related fires in the last year alone, (does not count compost facility fires -- I think the piles of compost at the PRC are basically close to combustion temperatures at all times). You'd think maybe Job 1 in the year leading up to applying for a massive new landfill application would be to really try for ZERO fires.

Here's the link to the Corvallis Fire Facebook post: three propane-fueled garbage trucks on fire at the propane fueling station.

What could go wrong?? <https://www.facebook.com/reel/674150408353709>

6) Important Information and Relevant News Articles

The 2024 Coffin Butte Environmental Report is available on the DSAC website. It's broken up into [Part A](#) and [Part B](#).

5/13/2025	Gazette Times	https://gazettetimes.com/edition/page_b15eb70e-0b68-532f-9146-36aa8046036e.html	Coffin Butte - Expansion	Discussing the Dump
5/15/2025	Statesman Journal	https://www.statesmanjournal.com/story/news/local/oregon/2025/05/15/coffin-butte-landfill-air-pollution-permit/83519524007/?utm_source=psal-DailyBriefing&utm_medium=email&utm_campaign=daily-briefing&utm_term=Content%20List%20-%20Stacking%20-%20optimized&utm_content=1074SJ-E-NLETTER65	Coffin Butte - Title V Air Permit	Coffin Butte Landfill seeking air pollution permit renewal as expansion decision nears
5/26/2025	Gazette Times	https://gazettetimes.com/edition/page_fe42bf58-939f-586f-af33-f1ebf7bbef8e.html	Coffin Butte - Title V Air Permit	State extends deadline to weigh in on Coffin Butte's air pollution permit
5/26/2025	KLCC	https://www.klcc.org/politics-government/2025-05-26/lane-county-asks-lawmakers-to-step-in-after-recycling-food-waste-project-faces-zoning-trouble	Clean Lane	Lane County asks lawmakers to step in after recycling, food waste project faces zoning trouble
5/31/2025	Gazette Times	https://gazettetimes.com/edition/page_95b3153d-fcb1-5d62-a215-90dc75cf4052.html	Intermodal	Here's an alternative to Coffin Butte
5/30/2025	Statesman Journal	https://www.statesmanjournal.com/story/news/local/oregon/2025/05/30/benton-county-hearings-on-coffin-butte-landfill-expansion/83926880007/	Coffin Butte - Expansion	More hearings set on Coffin Butte Landfill expansion request: How to give public testimony
6/3/2025	Gazette Times	https://gazettetimes.com/edition/page_f147e94a-d726-5f85-8f95-1b73bd79ea81.html	Coffin Butte -	Decision on Coffin Butte Landfill

			Expan sion	expansion pushed back again
6/1/2 025	High Country News	https://www.hcn.org/issues/57-6/where-the-garbage-goes/	Coffin Butte - Expan sion	Where the garbage goes
6/5/2 025	Gazette Times	https://gazettetimes.com/eedition/page_51aa2c2e-b77c-5235-afbf-8f9ba1cd642c.html	Coffin Butte - Expan sion	Why landfill expansion is inevitable
6/6/2 025	Corvallis Advocat e	https://www.corvallisadvocate.com/2025/corvallis-statehouse-delegation-scores-win-for-stricter-landfill-monitoring/	Coffin Butte - Metha ne	Corvallis' Statehouse Delegation Scores Win for Stricter Landfill Monitoring
6/4/2 025	Register Guard	https://www.registerguard.com/story/news/politics/2025/06/04/coffin-butte-landfill-methane-monitoring/83898992007/	Coffin Butte - Metha ne	Oregon to require advanced methane monitoring at Coffin Butte Landfill
6/5/2 025	Environ mental Health News	https://www.ehn.org/locals-challenge-oregon-landfills-toxic-reach-and-corporate-control	Coffin Butte	Locals challenge Oregon landfill's toxic reach and corporate control
6/4/2 025	Statesm an Journal	https://www.statesmanjournal.com/story/news/politics/2025/06/04/coffin-butte-landfill-methane-monitoring/83898992007/	Coffin Butte - Metha ne	Oregon to require advanced methane monitoring at Coffin Butte Landfill
6/10/ 2025	Gazette Times	https://gazettetimes.com/eedition/page_1ad698cf-fe4b-55c0-97f0-368b9aebe150.html	Coffin Butte - Metha ne	Bill orders landfill to watch its methane
6/10/ 2025	Hasso Herring	https://hh-today.com/what-happens-when-coffin-butte-gets-full	Coffin Butte - Expan sion	What happens when Coffin Butte gets full?
6/14/ 2025	Gazette Times	https://gazettetimes.com/eedition/page_dbe794a3-275b-5153-9e6f-68c8d49bd413.html	Coffin Butte - Expan sion	County commissioners will talk a little trash June 17
6/26/ 2025	Gazette Times	https://gazettetimes.com/eedition/page_de592733-f593-5280-aeb8-52e051c4c9db.html	Coffin Butte - Expan sion	Time to replace the monopoly with competition
6/29/ 2025	Statesm an Journal	https://www.statesmanjournal.com/story/news/politics/2025/06/29/oregon-willamette-valley-garbage-study/84334016007/	SMMP Task Force	Oregon Legislature votes to study Willamette Valley garbage woes