



**Benton
County**
OREGON

Benton County Disposal Site Advisory Committee

Packet for meeting on September 10, 2025

Contents:

1. Agenda
2. Draft meeting minutes from 7/9/25
3. Fire Safety
4. Notes from sub-committee meetings
5. Community concerns received from 7/1/25 – 8/26/25
6. Relevant news articles and additional information

Planning DSAC Schedule for 2025

January '25						
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1) Agenda



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

Disposal Site Advisory Committee (DSAC)

AGENDA

September 10, 2025

6:00 p.m. – 8:00 p.m.

4500 SW Research Way, Corvallis, OR 97333

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=EQw4Ofo6VVJNGuVr9KMWWhTx96R6LKs.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	Chair
2	6:05 p.m.	20 min.	Public comment – your comments welcome. Each commenter is 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.	20 min.	Fire Safety at the Coffin Butte Landfill	David Hackleman / Paul Koster
6	7:00 p.m.	5 min.	Break	Committee
7	7:05 p.m.	45 min.	Updates from Sub-Committees • 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



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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: November 12

2) Draft meeting minutes
from 7/9/25



**Benton
County**

**COMMUNITY DEVELOPMENT
DEPARTMENT**

**4500 SW Research Way
Corvallis, OR 97333-1192
(541) 766-6819**

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 (excused)
Robert Kipper
Peter Peterson
Diane Cassidy (absent)

STAFF

Bailey Payne, Solid Waste Program Coordinator

GUESTS

None

Key takeaways

- DSAC meeting focused on landfill monitoring and environmental concerns
- Jennifer Field presented on PFAS (per- and polyfluoroalkyl substances) contamination and monitoring
- Groundwater monitoring system needs comprehensive review and potential updates
- Odor monitoring system currently relies on human reporting, which is deemed inadequate
- Community engagement efforts are ongoing with Republic Services

Approval of May meeting minutes – David H. motioned to approve, Charli C. seconded, all in favor.

PFAS Presentation and Implications

Dr. Jennifer Field presented a comprehensive overview of PFAS, their properties, and environmental impacts. She explained PFAS are found in landfill leachate at significant concentrations.

- PFAS monitoring is technically feasible but expensive.
- Current wastewater treatment plants are not optimized for PFAS removal
- Landfills are long-term PFAS sources

Groundwater Monitoring

David L. identified concerns with current monitoring system age and placement. He highlighted issues with wells 26 and 27 on east side

- Current monitoring system needs comprehensive review
- Additional wells needed on east side and EE Wilson area
- Some existing wells may need abandonment or replacement

Odor Monitoring

- Committee discussed inadequacy of current complaint reporting system. The sub-committee feels that the current odor monitoring system is insufficient.
- Proposed implementation of analytical monitoring equipment
- Discussed potential funding sources for monitoring – Chair Purcell asked if Benton County may be able to provide funding. Staff wasn't sure.
- Need for scientific measurement and analysis of emissions
- County involvement may be necessary for implementation

Community Engagement

Diane C. and Robert K. met with Julie Jackson from Republic Services.

- Discussed creation of unified complaint portal
- Explored potential public outreach opportunities
- Conclusion
- Need for streamlined complaint system

- Opportunity to leverage current public interest due to the current expansion application
- Potential to expand into recycling education
- Funding for new monitoring systems
- DEQ permit requirements vs. desired monitoring levels
- Implementation of PFAS monitoring
- Aging infrastructure of current monitoring wells
- Multiple complaint channels creating confusion

Meeting Adjourned (David H./David L.) at 8:00pm

Next Steps

Groundwater Subcommittee

- Continue assessment of monitoring system
- Prepare detailed proposal for new well locations
- Engage with DEQ regarding monitoring requirements

Odor Monitoring Subcommittee

- Develop preliminary sampling plan
- Research cost estimates for monitoring equipment
- Research grant opportunities for monitoring program

Community Engagement Subcommittee

- Continue work with Republic on unified complaint portal
- Develop public outreach strategies

Staff

- Request fire safety program update from Paul for next meeting
- Distribute Coffin Butte Annual Report when available
- Print a large map of the landfill and give to David Livesay
- Bailey to connect the Groundwater Sub-committee with the DEQ regulator to answer questions

All Subcommittees

- Schedule August meetings
- Prepare updates for September general meeting

DSAC subcommittee meeting on June 10th, 2025

Community Engagement

Members:

Dianne Cassidy

Robert Kipper

Julie Jackson (from Republic)

Goals:

1. Clarify the ways for community input regarding landfill concerns and how to get that information to Republic as quickly as possible.
2. Coordinate with groups such as the Sustainability Coalition, SWAC, and Republic Services to educate our community about the new RMA (Recycling Modernization Act).
3. Participate in community presentations after the landfill expansion is decided to talk about what how we go forward.

How does the public submit comments now regarding the landfill?

1. Republic Services (Odor Complaint Form)
2. DEQ (Pollution Complaint Form)
3. Benton County (DSAC@bentoncountyor.gov)

Who looks at those comments and how often? - Comments that come to DSACA@bentoncountyor.gov are reviewed daily as they come in. (Bailey). I forward comments to Republic Services quarterly.

When they are forwarded to Republic, they seem to be sent to many different people.

Republic would like the comments sent to them as quickly as possible so they can investigate the complaint and see what can be done about them. – I should make a point of forwarding complaints to Republic Services as soon as they come in. (Bailey)

How is the public educated about where to submit a complaint? – Just the websites

What percentages of complaints are going where? – The vast majority (80-90%) of them come to BC. All complaints, regardless of who the complaint was sent to, are included in the annual Community Complaints Annual Report.

How can DSAC be a partner with other community groups and OSU to educate the public in reducing, reusing, and recycling?

The Recycling Modernization Act is great news, but how to get the word out. – There will be statewide advertising campaign and locally, Republic Services will also be mailing information and doing community presentations.

Republic uses their newsletter, website (RepublicServices.com/municipality/corvallis-or) and social media (Facebook). We discussed Republic placing ads in the Corvallis Advocate and using NextDoor.

Multi-Tenant Housing challenges -- Block Captain for Recycling – This will become a major focus on the RMA in 2026.

How can DSAC be a partner with Benton County, Corvallis Sustainability Coalition, SWAC, and Republic Services to present the big picture of waste disposal in our community and how to reduce that waste:

The life of the landfill

What is going into the landfill?

How do we reduce that waste?

What are the challenges of managing methane and leachate?

When Coffin Butte closes what are our options?

Action Items:

1. When a complaint was forwarded to Republic, they seem to be sent to a variety of people. The Committee will follow up with Julie Jackson and find out how best to prioritize / streamline the process in order to better generate a timely response.
2. There has been some feedback that the Republic website doesn't make it easy to file an odor complaint. The Committee will investigate to see if improvement is warranted and if so, articulate the challenges of the current methodology in filing a complaint. Contacting the neighborhood association around coffin butte and getting their feedback on the current system would be a good place to start.

3) Intake Volume Report: 2025 Q1 + Q2

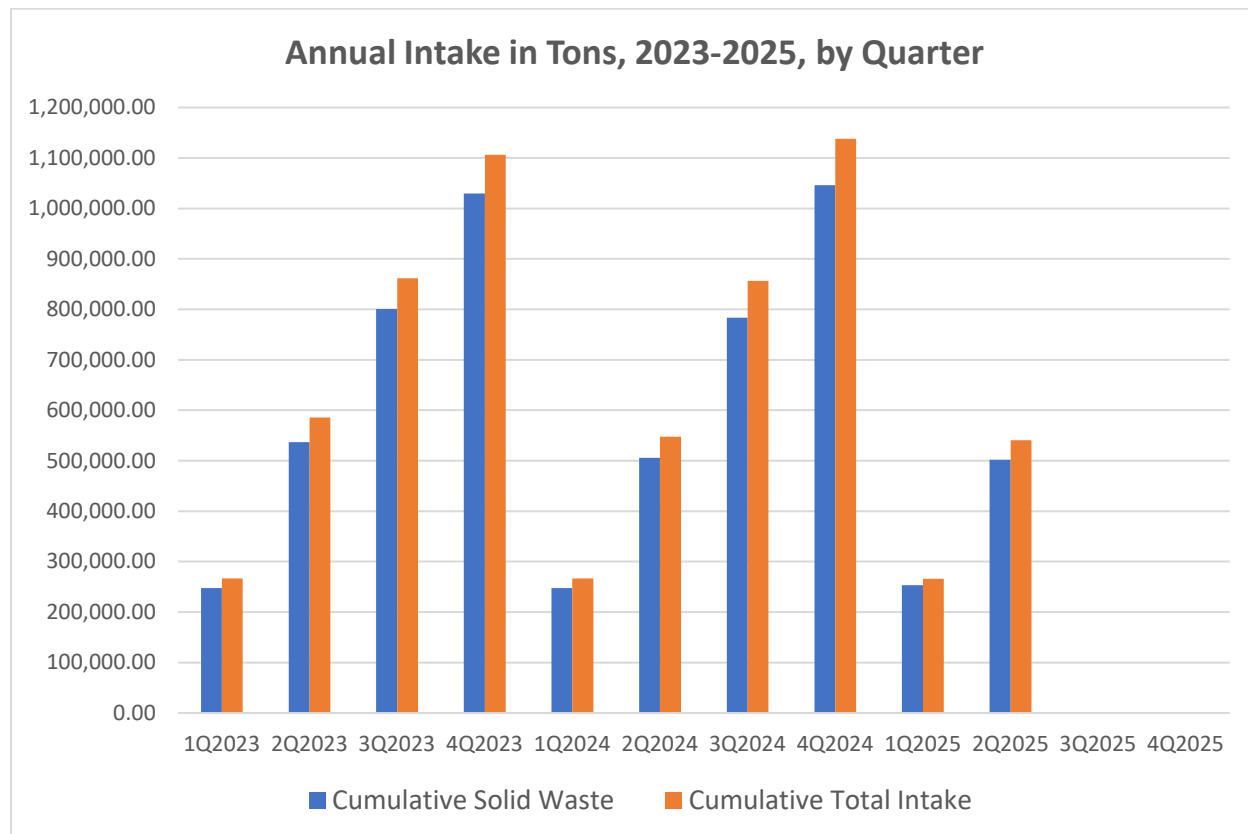
Intake Volume Report: 2025 Q1 + Q2

Per the methodology defined in the April 9, 2025 report to DSAC for estimating the Coffin Butte intake volume from the ODEQ quarterly Solid Waste Disposal Reports (SWDRs), the intake volume for 2025 Q1 and Q2 are shown in the table below, along with the 2024 quarterly figures for comparison.

Quarter	Total Tons Received in Reporting Period (Page 1)	Sewage Sludge (Page 1)	Oregon ADC_In (Page 2)	Hazardous Waste	Total Intake (Total+Sewage)	"Host Fee Tonnage": Net "Solid Waste" per LFA (Total + Sewage - ADC_In)	Cumulative Net "Solid Waste" for calendar year	Cumulative Total Intake for calendar year
1Q2025	261,236.88	4,762.56	12,870.16		265,999.44	253,129.28	253,129.28	265,999.44
2Q2025	268,942.22	5,560.09	25,791.11		274,502.31	248,711.20	501,840.48	540,501.75
3Q2025					0.00	0.00		
4Q2025					0.00	0.00		
2025 TOTAL	530,179.10	10,322.65	38,661.27		540,501.75	501,840.48		
1Q2024	261,244.74	5,247.30	18,672.84	1791.20	266,492.04	247,819.20	247,819.20	266,492.04
2Q2024	275,387.83	5,853.67	23,115.33		281,241.50	258,126.17	505,945.37	547,733.54
3Q2024	303,876.54	4,572.52	30,948.04		308,449.06	277,501.02	783,446.39	856,182.60
4Q2024	277,129.62	4,646.41	19,412.51		281,776.03	262,363.52	1,045,809.91	1,137,958.63
2024 TOTAL	1,117,638.73	20,319.90	92,148.72		1,137,958.63	1,045,809.91		

The 2025 Q1 and Q2 figures show intake volume comparable to that seen in the first half of 2024, indicating no significant deviation from last year.

For additional perspective, the plot below shows the cumulative annual intake volume by quarter for calendar years 2023-2025, again calculated using data derived from the ODEQ SWDRs for those periods.



For 2025, Q1 and Q2 intake volumes are roughly equivalent to those seen in Q1 and Q2 for both 2023 and 2024, for both “Solid Waste” (the volume that is relevant to the intake limit defined in the 2020 Landfill Franchise Agreement) and Total Intake (“Solid Waste” + Oregon ADC_In, the total intake tonnage that effectively determines the actual landfill airspace volume consumed, based on the packing density).

2025 Benton County Landfill Revenue Projection

Based on the Q1 and Q2 figures, it appears that total 2025 intake volume will likely fall in the range of 1.0 to 1.04 Million Tons. At a Host Fee rate of \$3.43/Ton, this would result in 2025 revenue total of \$3.43-3.57 Million. Since \$2.5 Million of this is being paid out monthly over the 2025 calendar year, the dollar amount of the Host Fee overage payment in January 2026 is projected to be in the range of \$930,000 – 1,070,000.

4) Minutes from Sub-committees

DSAC Community Outreach subcommittee meeting - September 4, 2025

Attendance:

Dianne Cassidy

Robert Kipper

Julie Jackson (Republic)

Dianne reviewed the 2024 Community Concerns Annual Report.

233 concerns are included in that report. This is the breakdown of where those concerns were voiced:

DEQ forwarded 117 concerns to Republic.

DSAC chair received 58 concerns.

Emails to various people received 26 concerns.

DSAC meetings received 14 concerns.

Republic Services received 11 concerns via telephone.

Calls to unknown people received 4 concerns.

Letters totaled 3 (2 in the GT and 1 from a resident)

We met with Julie Jackson at the Republic Services office to clarify the comment process for Coffin Butte concerns.

In reviewing the annual report, DEQ does not usually forward concerns to Republic on the same day, frequently days later. We would like to have a conversation with DEQ to understand and streamline their process.

We cannot tell from the report, what happened to the concerns that went to the DSAC chair. Are they just logged or was Republic notified?

If our goal is to actively address community concerns we will need to educate the public and landfill neighbors about the best way to get concerns to the attention of Republic in a timely manner.

According to Julie, that is through the complaint form on the Coffin Butte Website.

She stated that as of 2025, they added an Odor Concern form to the Coffin Butte website (coffinbuttelandfill.com). It can be found under the Operations header on the website.

She will ask for a list of concerns that have been placed on the website since Jan 2025.

Currently, a clerk checks the website for odor concerns several times per day and directs the concern to the appropriate employee. Republic would like odor concerns conveyed to them on the day of the odor problem as well as location of the odor.

We discussed changing the form to make it easier to navigate and to expand options to include other concerns, not just odor (Noise, Litter and Fire). Julie agreed to have their IT department investigate what it would take to make these updates. This portal could also include actions taken / resolution with time stamps and resource(s) allocated.

We asked that concerns have an audit trail (would include time stamps) for both concerns and responses. This documented approach can help build confidence that all concerns are being reported and responded to (by what /whom). Community members can be directed to use this portal as a first / main communication and documentation effort. This will allow for timely responses from Republic Services and help close the loop on documenting action taken. Initially, Republic Services would report this information to DSAC at the monthly meetings, which would then be available to the public.

Chair Purcell, with your permission, ask Bailey to kindly share this brief or a similar message regarding preparedness actions underway with our County Commissioners.

During the course of our meetings in 2024, the Disposal Site Advisory Committee (DSAC) identified specific elements to focus upon regarding the site. One of these was in regard to possible eruptions of fire within the landfill site boundaries.

The Problem:

Wildfires pose a threat to communities in our region, particularly during the Summer and Fall. Waste delivered to landfills contains combustible material and occasionally does ignite or is burning on delivery. This, coupled with drier climatic trends requires us to take steps beyond the current practice regarding fire detection especially during hours in which the Landfill site is not staffed.

The current practice is fire detection from human observation. This works effectively during operating hours of the landfill, but relies upon general public reports outside those hours.

To this challenge, a team composed of representatives from the DSAC, the Adair Rural Fire Department, local area residents and personnel from the landfill operations team of Republic Services met and outlined a plan of action.

Details of the plan and approval by the DSAC are within our meeting minutes of 9 April, 2025

In Summary, with a commencement date of this next fire season:

1. The team believes that actions should be performed to better empower the Adair Rural Fire department through surveillance for fire eruption during periods of time outside the operations hours of the landfill during "Fire season" and especially during "Red Flag Days".
2. The team believes that initial actions can be accomplished through the use of extended hours of labor in the form of "fire watch" personnel and/or through the use of simple video camera systems that would be monitored on a frequent schedule by such "fire watch" personnel based on Adair RFD criteria.

This type of initial action will enable the opportunity to consider more automated techniques should they be found to be reliable and effective. Possible candidates include equipment utilized by US and State Forestry Departments to watch for forest fire outbreaks as well as other commercial system.

Below are the notes forwarded by Mr. Davis after the 3 26 2025 Meeting:

Summary

1. Primary concern appears to be “after hours” fire detection and communication to responders. (Coffin Butte Leadership & Adair Fire Dept)
2. Recent fires at Coffin Butte were reported by citizens passing by on Hwy 99. and there was consensus that relying on the public to report fires is not sufficient.]
3. Further discussion focused the concern on “Fire Season.” Fire Season varies from year to year based on regional conditions and is determined by ODF.
4. An even deeper discussion resulted in “Red Flag Days” as crucial for being on alert for fire hazards and deserve “extra coverage.” These days have high temperatures, high winds, and humidity below 25% that increase the risk of fires in the region. These days can be communicated from ODF through Adair Fire Dept to Coffin Butte Leadership, which is desired, and are often known in advance.

Action Items

1. Adair Fire Dept to gather details from ODF on current fire detection that is utilized in the state, and if it can be utilized in a smaller version. Supposedly, cameras are now utilized where humans were once stationed in lookout towers for forest fire detection. For example: On a tower above CB Landfill? How much are the cameras? What system is used to communicate to responders.
2. Republic to discuss “after hour” coverage for Fire Watch during “Fire Season” as communicated by Adair Fire Dept (2 – 4 hrs each day after closure of landfill, during fire season)
3. Republic to discuss “Red Flag Days” and coverage for Fire Watch, as timeframe after hours can often go later into the evening beyond the 2 – 4 hrs after closure (there are typically only about 10-12 days annually that meet this criteria)
4. Republic to provide an updated Management Contact List to Adair Fire Dept.

Other

1. Adair Fire Dept was given Access Codes to locks at both Coffin Butte & PRC (we believe they had access already, but codes were given again for assurance)
2. Adair Fire Dept was given permission to cut any and all locks if access is needed and Access Codes aren't working (locks are replaceable)
3. Discussed meeting more often to ensure Republic [Services] and Adair Fire Dept are working together, suggested meeting at the beginning and end of Fire Season Annually

DSAC Groundwater & Leachate Sub-Committee Notes

Groundwater & Leachate Sub-Committee - David L., Charli C., Peter P. - Meeting Link:

<https://us06web.zoom.us/j/88077842799?pwd=bXBELpQX759VaZjnWhy7iyO2ztpAX6.1>

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

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

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. They expressed gratitude for the intelligent and well-intentioned participants joining the group.

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. A member 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 Peter 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 residents 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.

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

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 7/1/25 – 8/26/25

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

7/2/25	Odor	The landfill is stinking up our air again tonight. I filed another report with DEQ.
8/25/25	Service	Republic Services keeps spilling garbage in front of house when emptying cart. Doesn't stop to clean up the mess. Frustrated with customer service.

6) Relevant News Articles

6/24/2025

Resource Recycling

https://resource-recycling.com/recycling/2025/06/24/oregon-bill-could-expedite-a-mrfs-troubled-permit-process/?oly_enc_id=4468A7077134D2X

CleanLane Oregon bill could expedite a MRF's troubled permit process

8/5/2025

OPB

<https://www.opb.org/article/2025/08/05/weeks-after-launching-new-statewide-recycling-program-oregon-sued-by-wholesalers/>

RMA

Weeks after launching new statewide recycling program, Oregon sued by wholesalers

7/23/2025

Corvallis Advocate

https://www.kezi.com/news/local/benton-county-denies-application-to-expand-coffin-butte-landfill/article_1638eff6-f51b-4fa3-bee0-6c53157b7905.html

Coffin Butte - Expansion Landfill Expansion Rejected by Benton County Planning Commission

7/28/2025

Waste Dive

<https://www.wastedive.com/news/coastal-waste-ai-powered-robot-facility-fires-battery/754159/>

Fires

Coastal Waste pilots AI-powered robot to stop facility and fleet fires

7/21/2025

PIRG

<https://pirg.org/articles/studies-shows-how-microplastics-from-packaging-get-into-our-food/>

PFAS

Studies shows how microplastics from packaging get into our food

7/20/2025

Gazette Times

https://gazettetimes.com/opinion/column/article_c198e2c2-06c3-5a23-8295-12f5e0b02da5.html Coffin

Butte - Expansion As I See It: Coffin Butte Landfill owners' last-minute data dump

7/23/2025

Statesman Journal

<https://www.statesmanjournal.com/story/news/2025/07/23/republic-services-coffin-butte-landfill-expansion-denied-benton-county-oregon/85314506007/>

Coffin Butte - Expansion Coffin Butte Landfill expansion denied by Benton County Planning Commission

7/30/2025

High Country News

<https://www.hcn.org/articles/an-oregon-law-tries-to-tackle-garbage-gases/>

Coffin Butte - Expansion An Oregon law tries to tackle garbage gases

7/30/2025

Oregonian

<https://www.oregonlive.com/business/2025/07/ne-portland-glass-recycling-plant-will-shut-down.html> Glass

NE Portland glass recycling plant will shut down

7/30/2025

Gazette Times

https://gazettetimes.com/news/local/government-politics/article_7de3a49c-991a-5628-8b4f-a21c4c3ff277.html

Coffin Butte - Expansion Benton County planners formally dump Coffin Butte Landfill (expansion)

7/23/2025

Gazette Times

https://gazettetimes.com/news/local/government-politics/article_feb290bf-2285-561e-a99b-50124afaad4d.html#tracking-source=in-article

Coffin Butte - Expansion Benton County planners reject Coffin Butte Landfill expansion and don't mince words

7/30/2025

Gazette Times

https://gazettetimes.com/news/local/government-politics/article_1bd67ba4-5f1d-5121-9eb2-cae776f802c1.html#tracking-source=in-article

Coffin Butte - Expansion Public speaks out against Coffin Butte Landfill's expansion

8/5/2025 Waste 360

<https://www.waste360.com/landfill/revisiting-landfill-long-term-costs-pay-now-or-pay-more-later>

Landfill Closure

Revisiting Landfill Long-Term Costs: Pay Now or Pay More Later

8/8/2025

KGW8

<https://www.youtube.com/watch?v=SbQgXOSQFzg>

RMA

Law change in Oregon aims to make it easier to recycle statewide

8/6/2025

Corvallis Advocate

<https://www.corvallisadvocate.com/2025/oregon-launches-its-new-recycling-program-wholesalers-sue/>
RMA

Oregon Launches It's New Recycling Program, Wholesalers Sue

8/7/2025

CCC News

<https://columbiacommunityconnection.com/the-dalles/wind-driven-blaze-near-the-dalles-landfill-sparks-evacuations-at-530-pm>

Fires

Wind Driven blaze near The Dalles Landfill sparks evacuations at 5:30 p.m.

8/13/2025

Waste Dive

https://www.wastedive.com/news/prairie-robotics-tacoma-ai-camera-technology-expansion/757521/?utm_source=Sailthru&utm_medium=email&utm_campaign=Issue:%202025-08-13%20Waste%20Dive:%20Recycling%20%5Bissue:75895%5D&utm_term=Waste%20Dive:%20Recycling
Technology

Prairie Robotics expands its AI truck tech to more North American cities

8/14/2025

Waste Dive

https://www.wastedive.com/news/republic-offers-tennessee-landfill-settlement-wm-appeals-arkansas-odor-sui/757691/?utm_source=Sailthru&utm_medium=email&utm_campaign=Issue:%202025-08-14%20Waste%20Dive%20Newsletter%20%5Bissue:75930%5D&utm_term=Waste%20Dive

Landfill Odors

Republic offers Tennessee landfill settlement; WM appeals Arkansas odor suit

8/13/2025

Statesman Journal

https://www.statesmanjournal.com/story/news/2025/08/13/republic-services-appeals-coffin-butte-landfill-expansion-denial/85314562007/?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 - Expansion Republic Services appeals denial of Coffin Butte Landfill expansion near Corvallis

8/14/2025

OPB

<https://www.opb.org/article/2025/08/14/oregons-new-recycling-program-faces-lawsuit/>

RMA - Lawsuit

Think Out Loud: Oregon's new recycling program faces lawsuit

8/19/2025

Gazette Times

https://gazettetimes.com/eedition/page_2b1cccf5-18f9-536d-8f59-49f3ef986fd8.html

Coffin Butte - Expansion Republic Services is not trustworthy

8/19/2025

Gazette Times

https://gazettetimes.com/eedition/page_2b1cccf5-18f9-536d-8f59-49f3ef986fd8.html

Coffin Butte - Expansion Republic Services seeks to wear people down

8/19/2025

Waste 360

<https://rb.gy/1ru8lw>

August Fire Report: The Summertime Spike Rears Its Ugly Head

8/20/2025

Benton Clean & Strong

<https://www.cleanstrongbenton.com/about>

Coffin Butte - Expansion Website in favor of expansion

8/21/2025

Waste Dive

<https://www.wastedive.com/trendline/future-of-landfills/520/>

Landfills - Technology

Technology Shaping the Future of Landfills

8/26/2025

FluxLab SIMFLEX

<https://fluxlab.ca/simflex/>

Landfills - Methane

SIMFLEX is a landfill in St. Francis Xavier University, FluxLab has a model landfill they use to test different methane detection technologies

8/28/2025

Gazette Times

https://gazettetimes.com/eedition/page_d2afabc4-af39-59c7-81ab-fedb39eef691.html

Coffin Butte - Expansion

Albany mayor's opinion about Coffin Butte

8/28/2025

Gazette Times

https://gazettetimes.com/eedition/page_d2afabc4-af39-59c7-81ab-fedb39eef691.html

Coffin Butte - Expansion

Coffin Butte owners are good neighbors

8/28/2025

Gazette Times

https://gazettetimes.com/eedition/page_d2afabc4-af39-59c7-81ab-fedb39eef691.html

Coffin Butte - Expansion

Expanding landfill gives us breathing room



ADAIR RURAL FIRE & RESCUE

6021 NE Marcus Harris Ave • Adair Village, OR 97330 • Tel 541-745-7212 • Fax 541-745-2059

Broc Kienholz,
Valley Landfill, Inc.
28972 Coffin Butte Rd.
Corvallis, OR 97330

Dear Broc,

Enclosed is the response to your 6-10-2025 public records request asking for the *"Adair FD to confirm that we've received 28 calls for "Fires" at the coffin Butte Landfill from 2013-2025. This will not include PRC or any dispatched personal for other calls"*.

Data was gathered from run sheets, call logs and electronic reporting data to filter out all motor vehicle fires, pole fires, medical calls, motor vehicle accidents or other events at or adjacent to the landfill address. None of the fires or other calls to the PRC location are included.

Eight of the nineteen calls listed on the attached chart were confirmed fires requiring suppression efforts. The eleven investigations were responded to as working fires tying up resources until they are proven to be false alarms, typically caused by the methane stacks.

Sincerely,

Mike Larkin, Staff Officer
Adair Rural Fire & Rescue

Enclosure: Page 2. Data Set.
CC: Chief Aaron Harris



ADAIR RURAL FIRE & RESCUE

6021 NE Marcus Harris Ave • Adair Village, OR 97330 • Tel 541-745-7212 • Fax 541-745-2059

Fire Calls to Valley Landfills 28972 Coffin Butte Road facilities from January 1, 2013, through July 25, 2025. Data does not include fires at the PRC.

Date	Run#	Location	Type
4/28/2013	13-39	Land Fill Fire	Fire
7/20/2013	13-72	Land Fill Fire	Fire
8/20/2013	13-98	Land Fill Fire	Fire
12/1/2013	13-131	99 & Coffin Butte Road	Investigation
11/25/2014	14-126	99 & Coffin Butte Road	Investigation
6/20/2016	16-59	Land Fill Fire	Fire
5/27/2018	18-51	Land Fill Fire	Fire
8/11/2018	18-84	Land Fill Fire	Fire
3/2/2019	19-35	99 & Coffin Butte Road	Investigation
12/13/2019	19-172	99 & Coffin Butte Road	Investigation
3/1/2020	20-34	99 & Coffin Butte Road	Investigation
1/17/2020	21-11	99 & Coffin Butte Road	Investigation
21-189	21-189	99 & Coffin Butte Road	Investigation
12/24/2023	23-154	99 & Coffin Butte Road	Investigation
1/7/2024	24-01	99 & Coffin Butte Road	Investigation
1/11/2024	24-06	99 & Coffin Butte Road	Investigation
2/22/2024	24-19	99 & Coffin Butte Road	Investigation
5/18/2024	24-63	Land Fill Fire	Fire
7/24/2024	24-110	Stacks Grass Fire	Fire