



COMMUNITY DEVELOPMENT DEPARTMENT

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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

January 27, 2021 Minutes 6:30 pm to 8:00 pm

Members Present: John Deuel, Larry Sleeman (Chair), Debi Gile, Jay Simpkins, John McEvoy, Fred Penning and Linda Brewer

Guests Present: Broc Kienholz (Republic Services), Julie Jackson (Republic Services), Tino Barreras (Republic Services) – Ian Macnab (Republic Services), Sarah Grimm, Jeanette Hardiston

Staff Present: Greg Verret (Benton County Community Development), Daniel Redick (Benton County Solid Waste and Water Quality Coordinator), Linda Ray (Benton County Community Development)

- I. **Call to Order/Introductions.** Chair Larry Sleeman called the meeting to order at 6:00 pm. *Due to the current health crisis with Covid-19*, the council met via Go To Meeting (a virtual meeting platform) online. Two new members joined SWAC; Fred Penning and Linda Brewer. Chair Sleeman gave each of them a brief opportunity to share their background and welcomed them to the council.
- II. **Approval of the Minutes.** A **MOTION** was made by John Deuel to accept the December 2, 2020 minutes, seconded by Jay Simpkins, all in favor, **MOTION** passed.
- III. **Citizen Comments** None
- IV. **Review of SWAC Bylaws.** Daniel pointed out to the council that the language in the bylaws regarding “surrounding areas” was changed to “voting members”. (It is no longer tied down to a specific geographic piece.) He reiterated that the DSAC and SWAC bylaws contain the same language regarding this information.
- V. **Elections for Chair/Vice Chair.** Linda Brewer nominated Jay Simpkins for the SWAC Chair. John Deuel nominated Linda Brewer for Vice Chair. Seconded by Fred Penning, all in favor, **MOTION** passed.
- VI. **Dump Stoppers.** Daniel stated that developing this program is a goal for this year and he is doing research and putting together an idea of what this program can look like. After a brief discussion, the conclusion was that Daniel will meet with Julie, Tino and a representative from the Sheriff’s Department to begin developing the Dump Stoppers Program.

- VII. **Green Business Program.** Daniel began his update by stating that this program is going beyond waste and into energy and resource reduction as well. He emailed a draft of the Sustainable Business Program Plan to the SWAC members prior to the meeting and asked for feedback. John noted that the plan is comprehensive and thinks it will be appealing to businesses in Corvallis. It also provides self-assessment for businesses, average time involved and assistance they will receive if they choose to participate in the program. John asked how the program will be marketed and suggested gathering testimonials and perhaps engage with the Chamber of Commerce and economic groups.

Daniel stated that they have not been able to dive into the metrics yet or how often they will be tracked. He is hoping to at least measure the success of this program and help businesses get a tangible idea of energy and cost savings. He stated that this program will be tied into other initiatives such as “Saving Green”. Jeanette Hardiston with “Saving Green” was at the SWAC meeting and participated in the discussion. Debi asked Jeanette about what has worked so far with their program. She responded stating that energy is the easiest measurement. There will be plenty of things they can’t measure. But they have found success in number of recommendations given and a number of recommendations implemented when there is follow up. Larry asked about the funding for those program and where it will come from. Daniel responded that it is a detail that hasn’t been worked out yet, but funding may possibly come from the County. Jeanette suggested looking for grants to fund the program. Daniel will bring an update to next month’s meeting on the status of engagement with stakeholders on this program.

- VIII. **Update on Recruitment for SWAC members.** SWAC welcomes two new members; Fred and Linda while two members recently ended their term; Jeff and Lauri. SWAC still has two seats available for members.
- IX. **Secure Load Campaign Update.** Tino reported that the Secure Load Campaign went into effect on January 1st. Republic Services wanted to make sure the changes weren’t abrupt for the community and have not charged additional fees as of yet for loads that are not considered secure. They will take the first few months to “ease into it”. Tino shared photos of the new signage at the landfill that promote the campaign and fee increase. He also shared an example of a handout that employees will give to those that do not have their loads sufficiently covered or secured. This information will also be included in Republic Service’s Spring newsletter and a National “Secure Your Load” day in May.
- X. **Republic Updates.** Tino reported that the Republic Services “Service Guide” went out to community members this month. Debi noted that there are materials listed on the Republic Services website that are not recyclable. Julie responded stating that the company corporate website may contain that information but the local website is correct. They are trying to drive traffic to the local website:
<https://www.republicservices.com/municipality/corvallis-or>
- XI. **Materials Management Working Team:** Since the last SWAC meeting the working team has met 3 times. They have been more focused in on ideas and recommendations and have narrowed it down to top ideas. They are still developing a consensus and plan to
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talk to stakeholders before making a presentation to SWAC. They have completed the rating of the waste prevention initiatives that they inventoried. The Working Team has concluded what works and what doesn't, and developed the following criteria:

- How is the ease of organizing and implementing the initiative?
- How usable would the initiative be?
- Does it engage the community?
- Is it naturally easy for people to get involved with?
- Is it impactful on other applications?
- Will the initiative reach and engage populace in Benton County that will prevent more waste?
- Will it support state values and goals?
- Once it is implemented, will it be able to sustain itself?

The Working Team developed a scoring tool to rate the initiatives and compiled a summary of members' scores and combined scores. Some of the higher scoring initiatives were;

- The "OSU store (to buy or retrieve used items)
- "No food Left Behind" (preventing food waste)
- Waste prevention and Re-use Directory
- Saving Green/Earthwise lumped into "Green Schools"
- Green Girl
- Repair Services (durable goods)

As the Working Team discussed the initiatives, they discovered the "Waste Impact Calculator" which has been developed by Oregon DEQ. Martin Brown (ODEQ representative) met with the team and explained how the tool works. (The tool has not yet been officially launched.)

The team hopes to use the tool to categorize, determine and prioritize on what to go about with waste. The purpose of the tool is to help evaluate the waste that is generated and it goes beyond waste based measures such as recycling, diversion and recovery weight to look at the environmental impact; such as manufacturing, transportation of waste, etc. This tool provides a snapshot of categories of waste. It identifies the hot spots that may be of concern of our area. It also helps compare and evaluate the risk of those hot spots to the environment.

The Working Team saw that there are high impact materials for maximizing recycling and recovery opportunities, such as wood, yard debris and paper (recovery). There is an opportunity to recover more of that. For prevention and reduction, the high impacts in our area are electronics and food. The team looked at preliminary recommendations to share with SWAC and will provide those soon. County wide collaboration for county businesses is high on their list. A durable goods re-use center (to extend the life of items that may only need minor repair and can be kept out of the landfill) is also high on the list. Another idea is a "repair mall" which would be a center location for repair of common items; shoes, electronics leather, etc.

The next steps for the Working Team is to gain a consensus on recommendations, share with stakeholders for feedback, prioritize and develop a phased approach in creating a 5-10 year and strategies for implementation. They will then bring this information to present to the SWAC and plan to establish some metrics going forward.

- XII. **Recycling and Statewide Legislation.** John sent out a summary prior to the meeting on topics that are being covered at the state legislation and briefly discussed a few of the house bills that are presented. As the State Legislation meets, Linda Brewer will report back any updates to SWAC at future meetings.
- XIII. **Member Discussion.** None
- XIV. **2021 Calendar Discussion.** Members reviewed the 2021 calendar and discussed updates to the items listed. Those changes are as follows;
- Franchise agreement will be sent to members in April and discussed at the May meeting.
 - Republic Services will hold an event called “Secure Load” Day in May and will report on it in June.
 - Take off Solid Waste Overview, DEQ report, Recycle data and recovery rate from the calendar.
 - Landfill Tour will be kept in September and the OSU Recycling tour will be left on the calendar.
 - C&D MRF item will be left on the calendar
 - DSAC – QUARTERLY MEETINGS; January, April, July and October. The bylaws for DSAC will be covered in April
 - Republic Services will send out a franchise report in April and discuss with SWAC in May
 - Take off: Benton County Solid Waste Overview item.
 - DEQ Report - Daniel will help lead this discussion in APRIL.
 - Field Trips/Master Recyclers is to be kept on the calendar for Sept, Oct., or Nov.
 - Rate Adjustment will be kept on the calendar
 - Dump Stoppers will be on the April DSAC agenda and Daniel will give an update
 - The Coffin Butte operational report will be done in May and handed out in June (take off September)
- XV. **Agenda items for next meeting.**
- Green Business Program
 - Materials Management Working Team
 - State Legislation Update
 - Secure Loads Campaign
 - Dump Stoppers
 - Republic Services Update

SWAC meeting adjourned at 8:16 pm.



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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

February 24, 2021 Minutes 6:00 pm to 7:30 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), John McEvoy, Fred Penning and Linda Brewer
Guests Present: Broc Kienholz (Republic Services), Julie Jackson (Republic Services), Tino Barreras (Republic Services)
Staff Present: Greg Verret (Benton County Community Development), Daniel Redick (Benton County Solid Waste and Water Quality Coordinator), Linda Ray (Benton County Community Development)

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:00 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. A **MOTION** was made by Larry Sleeman to accept the January 27, 2020 minutes, seconded by John Deuel, all in favor, **MOTION** passed.

Citizen Comments. None

Review Draft Amendments to Chapter 23 of County Code. Daniel shared the amendments to Chapter 23 of the County Code (that pertains to the Solid Waste Program). The changes are as follows;

- Amending the text to reflect that the Solid Waste program has made a shift from the Health Department to Community Development Department
- Changes to the Solid Waste Advisory Council membership requirements (23.025), as indicated in the updated SWAC bylaws.
- Modifications were made to update the word choice for gender neutrality.
- Updates to the "Use of Fees" collected under the Landfill Franchise Agreement (23.420, subsection 4 – removing subsection 4).

Characterization Study. Daniel shared that the purpose of the characterization study put on by DEQ is to determine specific percentages and a better understanding of items making their way into the landfill. He reached out to DEQ to learn more about this study and to see if there were any options for Benton County. The County has been included in the regional and statewide studies, but the number of samples that they are taking are not specifically usable for Coffin Butte Landfill. The council discussed if putting time and resources in to having a separate study done just for Coffin Butte would be beneficial. Daniel shared that

part of his research on this project was talking to Marion and Lane Counties and DEQ to get feedback. DEQ responded stating that if the county is just looking to get a general idea on top priorities, then the statewide data would be sufficient. But if the county would like a baseline to know what to measure in the future, then a focused study would be beneficial. Julie noted that Coffin Butte includes waste from Benton, Linn, Polk & Marion counties. So for Benton County to have a specific study done, there would need to be a plan set up to collect waste and separate the trucks for Benton County to get enough samples for the study. Broc emphasized that though this is a possibility, it would need good planning to adhere to safety protocols and success. A member raised the question on how movement of a baseline would be achieved without having to do another study in the future. The cost of the study is considerably expensive. Daniel shared that DEQ said that the county could augment the study to determine specific goals (for example; waste from apartment buildings). He went on to explain that the study has to be done every six years and the last study was completed in 2016. The results of this study would be posted online and include a breakdown of tonnage of each type of material found in the landfill. The county could then note the most common items being dropped off at the landfill and strategize programs to target those findings.

Proposed Solid Waste Program Budget. Greg started his presentation by stating that the county is at the beginning of their biennial budget process. This process will take place over the next several months. He will meet with the County Administrator in the coming weeks and will take his budget recommendations to a public hearing in April and decisions on the budget will be made in May. (The Community Development budget includes the Planning, Building, Code Compliance and Solid Waste and Water Quality programs.) Greg noted that the characterization study would be part of the budget and the plan is to allocate funds each year to be saved so that when the next required study is needed, there won't be such a substantial cost all at once. Greg noted several items in the budget that pertain to the Solid Waste and Water Quality Program:

- A portion of staff funding for the Director, Coordinator and Administrative Assistant positions, along with an opportunity for an inter position.
- Dump Stoppers Initiative, \$6000/year
- Green Business Initiative (cost to develop information materials, recognition certificates and advertising/outreach), \$3500/year

John asked for clarification on the host surcharge that is included in the budget. Greg clarified that the host surcharge and franchise fee are essentially being swapped. Because of the new franchise agreement structure, the amount is going to be significant revenue compared to past amounts. The BOC would like the franchise fee to be included in the general fund. Greg noted that this plan is unprecedented for a section of the county code (Chapter 23) to specify how an amount of funding is allocated. So the commissioners wanted to have this restriction removed through an amendment in Chapter 23, with the understanding that they will continue to support Solid Waste program with general fund revenue.

John asked for clarification on the process for the budget and the timeline for initiatives to receive funding. Greg explained that the budget is for two years; July 1, 2021 to June 30, 2023. He explained that there are often supplemental budget requests that come forward. The BOC has the authority (depending on the merit of the proposal) to approve significant modifications throughout the biennium. Greg shared that the strategic plan for this program

was a goal that was side tracked by the pandemic so there is hope for more progress towards that plan in the future. The strategic plan would be an ideal vehicle for identifying initiatives, a general timeline and overall budget to present to the BOC for approval. He also noted that as the county goes through the biennium and individual initiatives take shape and we can get a better understanding of the cost and needs involved, then staff can put in a supplemental budget request for funding.

Greg stated that he puts in specific amounts to specific line items in the budget so it is fairly fluid within that particular budget line. For example if \$5000 was budgeted for outreach and communication and there is a need to hire a consultant, some of those funds can be used. It is not a guarantee, but a possibility. Greg put a few placeholders in the budget for programs like Dumpstoppers and Green Business Initiatives and for general outreach funding. Depending on the Waste Characterization Study decision, if those funds are not used, they can go towards another initiative. Greg emphasized that the effective route is to have a good plan and the initiatives well developed before asking for funding. Then that request can be made even if part way in to the biennium. He closed by stating that the budget amount for the Solid Waste and Water Quality program is in the range of \$400,000 to \$470,000.

Dump Stoppers Program. Daniel shared that there are no recent developments with the Dump Stoppers program and after he is able to meet with Tino and Julie, he will bring feedback to the council.

Green Business Program Update. Daniel update SWAC members that he is working with various stakeholders to get feedback and ensure the program makes sense and is a good foundation for building in the details. Daniel reached out to the Corvallis / Benton County Economic Development Office and is waiting for a reply. Daniel hopes to have more details to share at the next SWAC meeting.

Secure Load Campaign Update. Tino shared that signage has all been installed around Coffin Butte. They have received good feedback as a result of this signage. Tino updated SWAC members that a newsletter was sent out Fall 2020 with the campaign information included. Scale house staff have also been handing out information to customers. The Republic Service Spring newsletter that will be sent out at the beginning of March will also advertise the rate increase and an official "rate" board will be put up at the scale house. Broc shared that he has seen improvement since the campaign rolled out in January. The amount of litter on the side of the road has decreased and the campaign is gaining momentum.

Materials Management Working Team: John shared that the working group is nailing down the viability and value of each initiative and discussing what action needs to happen to make them successful. One strategy is to change the default behavior by making the simple convenient options more challenging. John highlighted an materials reuse enterprise run by a non profit in Eugene called "BRING Recycling". This organization successfully collects and resells used building supplies. Another idea being worked on by the Working Group is establishing a reuse exchange or "depot" where used yet still salvageable and repairable products that are about to be disposed are "intercepted" somewhere in the process before the landfill, and repairing

then redistributing. This type of initiative would need to be coordinated with other non-profits and look at ways to synchronize such a service with a “repair mall” which would house many individual repair enterprises.

State Legislation Update. Linda shared a power point that included a table to help better organize and track each house bill and allow for updates each month. *See appendix
The follow notes are discussion that took place during the SWAC pertaining to each house bill.

- HB 2065: Modernizing OR Recycling System. Julie attended the recent hearing and noted that this bill will be rolled into SB 582 (along with HB 2592) DEQ has been amending 582.
- HB 2365: Food Service Ware Comprehensive. Linda shared that this bill has some interesting features as it would allow mobile units that would frequent businesses to sanitize reusable food services.
- HB 2592: Extended Producer Responsibility. Julie noted that this bill has been rolled into SB 582
- HB 2617: Polystyrene Containers for Prepared Food. Julie shared that this could be a subset of HB 2365.
- HB 2598: Right to Repair (consumer electronics). Linda stated that the Association of OR Recyclers has interesting data about tonnage and numbers of cell phones as examples. (This bill may have changed to HB 2698)
- HB 2811: Limits Chemical Recycling. Linda noted that this is basically using solvents to melt down plastic and assuming re-use polymers. She is not sure if it has been read on the floor of the house as of yet.
- HB 2815: Truth in Labeling Recyclability. Julie gave an update that it is now rolled into SB 581.
- SB 289: Environmental Equity. Linda stated that a study is going on regarding rural vs urban opportunities to recycle
- SB 570: Mattress Stewardship
- SB 573: Refund Values for Beverage Containers. Linda stated that the bill may increase categories of containers that allow for refunds.
- SB 582: Modernizing OR Recycling System
- SB 535: Repeals Single-Use Checkout Bag Ban. Both SB 535 and SB 537 are sponsored by the same senators. They want to repeal the ban on plastic bags and plastic straws.
- SB 537: Repeals Single-Use Plastic Straw Ban.
- Julie noted a new bill that is being introduced as SB 14: which is also for Extended Producer Responsibility

Linda will continue to give updates on these House Bills at the SWAC meetings in the coming months.

Member Requests. None

Agenda items for next meeting.

- Green Business Program
 - Materials Management Working Team
 - State Legislation Update
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- Dump Stoppers
- Update on Solid Waste Program Budget

The SWAC meeting adjourned at 7:31 pm.





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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

March 24, 2021 Minutes 6:00 pm to 7:30 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), John McEvoy, Fred Penning and Linda Brewer (Vice Chair)
Guests Present: Broc Kienholz (Republic Services), Julie Jackson (Republic Services), Tino Barreras (Republic Services)
Staff Present: Greg Verret (Benton County Community Development), Daniel Redick (Benton County Solid Waste and Water Quality Coordinator), Linda Ray (Benton County Community Development)

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:02 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. John Deuel requested editing on the section of the minutes regarding the Materials Management Working Team update. Those edits were shown virtually to the council. A **MOTION** was made by Linda Brewer to accept the February 24, 2021 minutes with the proposed wording edited, seconded by Larry Sleeman, all in favor, **MOTION** passed.

Solid Waste Program Budget Update. Since the last SWAC meeting, Greg has had a chance to meet with the County Administrator Budget Officer. He did not get an indication on the level of support for the proposed budget at this time. Due to the council's discussion and feedback last month regarding the Solid Waste Characterization Study, Greg chose to pull back the request for funding. He felt that it would be premature to present this item knowing the cost involved and it does not seem warranted at this time. In this budget item's place, Greg requested funding for "Solid Waste Reduction projects" which would include projects that have been researched by the Materials Management Working Team. In the coming months, the council will need to decide which programs or projects that they would like to fund (assuming the budget goes thru as it is presented). Greg will attend a Budget Committee meeting in early April and will have an update at next month's meeting.

Chapter 23 Code Amendment Update. Daniel shared that there was a second reading to amend the ordinance for Chapter 23 of the Benton County code. That ordinance passed. See February minutes for specific changes to Chapter 23 county code.

State Legislature Update

Linda Brewer gave an update on the State Legislature activity. *Please see exhibit A attached with those updates.*

Discussion around the bills before the State Legislature:

- HB582, John asked if there was conversations at the hearing about the design of products and if they can create a better system for materials earlier in the chain. Linda responded that there has been mention of that aspect and discussion on what kind of packaging would be acceptable for streams of commercial good.

For the remaining bills, Julie clarified that the deadline has passed and they will not be voted on:

- SB 526
- SB 537
- SB 573
- HB 2811
- HB 2815

The council discussed their options to be more involved in the State Legislature proceedings by reaching out to the Board of Commissioners. Greg emphasized that the role of the SWAC is as an advisory board and they should feel led to contact the Board of Commissioners if they have a recommendation or support of a particular bill. He advised that if the council were to get involved on the State Legislative level, it is effective to have a duly appointed representative for the whole council to testify on their behalf.

Dump Stoppers Update. Daniel met with Julie & Tino recently and they discussed ideas for the Dump Stoppers program. Their next step is to develop a program outline to encompass those details. They will share the outline with SWAC and ask for feedback. Dump Stoppers is a program that assists property owners that have illegal dumping activity on their property.

Green Business Program Update. Daniel was able to meet and share the Green Business outline with the Economic Development office. The feedback he received was overall positive. The next step is to meet again with the Economic Development office staff and associated businesses for more feedback. Daniel and Jen Brown are putting together the criteria that would be included in this program for businesses to be involved. He hopes to have a draft of those criteria at the next meeting.

Materials Management Working Team: The team is continuing to work through the details and looking at funding options before they make their recommendations to the council. They were able to work through some ideas with a few stakeholders in the county. John shared an update on those details virtually with the council. *Please see Exhibit B attached for that update.*

Discussion from the Working Team update:

- Larry suggested that in the future, the council could pair the SWAC's goals with the House and Senate bills before presenting those ideas to the BOC. Or if a bill passes
-

that applies to one of the suggested programs, SWAC could take that information and ask for funding from the BOC for support.

- Greg reiterated that he submitted a budget line item for a lump sum of funding for these types of programs. This would enable direct funds to be dispersed instead of having to submit a supplemental budget within the biennium.
- Fred asked if there was communication to partner with non-profits or organizations like Habitat for Humanity as an example. John used the reuse program as one that is already engaged throughout the county. So to expand on this, he recommends that there would be a stakeholder process with collaboration and learning what services are already provided and what is needed to expand it further (supplement, compliment) and see where the gaps are.

Republic Services Landfill Rates. Julie shared three slides (virtually) that explained the landfill rates. *Please see Exhibit C for more information.* She encouraged SWAC members to feel free and reach out to her if they have any questions about rates.

Republic Services is having their annual clean up event soon:

<https://www.republicservices.com/cms/documents/municipality/OREGON/CORVALLIS/Corvallis-Events-Calendar-2021.pdf>

Agenda items for next meeting.

- Green Business Program
- Materials Management: John will send out the group's recommendations and will discuss and get feedback from SWAC at the April meeting.
- Take Bylaws update off of the 2021 calendar
- Daniel will present an update on the Solid Waste Management plan
- DEQ Report: No information will be available until November.
- Dump Stoppers

John moved to adjourn the SWAC meeting, seconded by Linda the meeting adjourned at 7:34 pm.

Bills with Scheduled Work Session

- SB 14 Establishes product stewardship program for plastic packaging and plastic food serviceware
 - 3 public hearings, most recent 3/2
 - Work session scheduled for 4/8
- SB 570 Establishes product stewardship program for mattresses
 - 1 public hearing in 1/21
 - Work session scheduled for 4/1
- SB 582 Directs Department of Environmental Quality to study and make recommendations for modernizing Oregon's recycling system
 - 3 public hearings held, most recent 3/2
 - Work session scheduled for 4/8
 - HB 2065 and HB 2592 have been rolled into SB 582

Work Session cont'd

- SB 298 Study laws related to environment (Environmental Equity)
 - Three public hearings, most recent March 4
 - Work session scheduled 4/1
- HB 2698 Right to repair consumer electronic equipment
 - One public hearing; one scheduled for 3/31
 - Work session scheduled 4/7

Bills with No Action

- SB 526 Repeals single-use checkout bag ban.
- SB 537 Restricts food and beverage provider or convenience store from providing single-use plastic straws other than at consumer's specific request.
- SB 573 Relating to establishing refund values for beverage containers
- HB 2811 Prohibits permit for construction, expansion or modification of chemical recycling facility
- HB 2815 Prohibits sale of products that make deceptive or misleading claims about recyclability

No Action, cont'd

- HB 2365 Prohibits food vendor from using single-use plastic food service ware when selling, serving or dispensing prepared food to consumer
- HB 2617 Prohibits food vendor from using polystyrene container in selling, offering for sale, serving or dispensing prepared food to public

Bill Number	Title	Meeting	Floor Session	Study/ Advisory	Estab Fund	ORG	AOR
HB 2065	Modernizing OR Recycling System	∅	∅	DEQ Advisory	X2	yes	+
HB 2365	Food Service Ware Comprehensive	∅	∅				+
HB 2592	Extended Producer Responsibility Programs	∅	∅		1	yes	+
HB 2617	Polystyrene Containers for Prepared Food	∅	∅				+
HB 2598	Right to Repair (consumer electronics)	∅	∅				+
HB 2811	Limits Chemical Recycling	∅	∅				+
HB 2815	Truth in Labeling Recyclability	∅	∅				+
SB 289	Environmental Equity	2/9/21 P 2/11/21P 3/2/21 P	∅	Office Governor			+
SB 570	Mattress Stewardship	1/28/21P	∅	Yes	1		+
SB 573	Refund Values for Beverage Containers	∅	∅	Task force			+
SB 582	Modernizing OR Recycling System	2/23/21P 2/25/21P	∅	DEQ			+
SB 535	Repeals Single-Use Checkout Bag Ban	∅	∅				-
SB 537	Repeals Single-Use Plastic Straw Ban	∅ 2.24.2001	∅				-

Materials Management Working Group Report, March 24, 2021

The Group has conducted further research and discussions toward making recommendations to SWAC for advancing materials management in Benton County through evaluation of a broader life cycle approach. The recommendations are still in draft format, but here are the key ideas being discussed:

1. **Solid Waste Strategic Plan.** Benton County should develop a long term (5-10 year) strategic plan with goals for solid waste. The charge of this Materials Management Working Group to recommend targeted actions for waste prevention should be re-evaluated once a broader strategic plan is completed.
2. **Measuring results.** To measure progress and results of any specific recommendations for targeted actions or programs, the Working Group recommends using existing ODEQ waste and recycling characterization studies for planning, followed by a measurement plan that is tailored to the material or materials targeted to be reduced or recovered by that action.
3. **Criteria for planning.** Each of the actions recommended was evaluated against a set of 16 criteria adopted by this Working Group. These are included in the following criteria categories:
 - a. Accountability & Outcomes (measurability, impact, audience reach)
 - b. Linkages to higher level plans (ODEQ 2050, Benton County 2040, Corvallis Climate Action)
 - c. Sustainability (Potential for funding, projected staying power, default behavior?)
 - d. Usability & Engagement (Effectiveness, ease of implementation, cross sector applicability, audience reach, incentive, convenience)
 - e. Other: Cost: Benefit; Inclusiveness/Diversity
4. **Prioritization:** High environmental impact materials should be prioritized for prevention vs. recovery: Electronics, paper fiber, food waste, concrete and furniture
5. **Recommended Actions/Programs/Service Models:**
 - a. Business engagement and tracking model: Like Earthwise/Saving Green
 - b. Durable goods reuse center with repair services
 - c. Expand the Library of Things loan program currently offered at the Corvallis Benton County Library; Include event serving ware loan
 - d. Construction & Demolition waste recovery from small to mid-sized contractors
 - e. Replicate the Go Box program for a reusable take-out food container service
6. **Phased approach.** Build on an early success by starting with a program or service that will have high probability of citizen and business engagement quickly.
7. **Funding:** Pending the development of a long range solid waste strategic plan for Benton County, the Working Group recommends SWAC put forward one or two programs for implementation in the FY2022 fiscal year with a specific supplemental budget request to the Board of Commissioners following the development of a detailed implementation plan. Other sources of funding should be explored such as state (Repair & Reuse Workforce Development Grant) or federal grant funds (EPA Region 10 resilient community grant fund or other federal grants).
8. The Working Group plans to have the final draft of these recommendations to SWAC by the April 2021 meeting.

Coffin Butte Landfill Rates

Landfill Rates are Competitive and Confidential and we do not publish the following:

- Contract rates with hauling companies.
- Contract rates with local governments like Marion County.
- Contract rates with government agencies like FEMA.
- Rates for Special Waste jobs like contaminated soil.



Coffin Butte Landfill Rates

Coffin Butte Landfill Public Rates

	Covered/Secured	NOT Covered/Secured
Residential Trash Disposal Fee: <i>This rate is for single residential Vehicle loads ONLY</i>	\$35.00/Load	\$45.00/Load
Non-residential Loads:	\$41.75 up to 640 lbs.	\$51.75/up to 640 lbs.
Over 640 lbs.:	\$73.50/Load	\$83.50/Load
Green Waste Drop off:	\$29.00 up to 480 lbs. \$46.25/over 480 lbs	\$39.00/over 480 lbs. \$56.25/over 480 lbs.
Freon© containing Appliances:	\$30.00	\$40.00
Compost Purchase Price:	\$25.00 per yard	
Environmental Fee:	\$18.00/load	



Coffin Butte Landfill Rates

Coffin Butte Landfill Public Rates

PLEASE NOTIFY THE SCALE OPERATOR IF YOUR LOAD ORIGINATED
WITHIN THE PORTLAND METRO BOUNDARY

Rates for loads originated within the Portland Metro Boundary are as follows:

Regional System Fee: \$18.58 per ton

Excise Tax: \$11.57 per ton

These rates are in addition to the landfill Tipping Fee
Maps of the Portland Metro Boundary are available.





COMMUNITY DEVELOPMENT DEPARTMENT

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Corvallis, OR 97333-1192
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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

April 28, 2021 Minutes 6:30 pm to 8:00 pm

Members Present: John Deuel, Larry Sleeman, Jay Simpkins (Chair), John McEvoy, Fred Penning and Linda Brewer (Vice Chair)

Absent; Debi Gile

Guests Present: Bailey Payne, Jeanette Hardison, Marge Stevens, and Republic Services staff; Broc Kienholz, Julie Jackson, Tino Barreras, and Ken Larson

Staff Present: Greg Verret (Benton County Community Development), Daniel Redick (Benton County Solid Waste and Water Quality Coordinator), and Linda Ray (Benton County Community Development)

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:20 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. Jay pointed out a few grammatical errors in the March 24th minutes. A **MOTION** was made by John to accept the minutes on the condition that the grammar changes are made, seconded by Linda, the minutes were approved.

Solid Waste Program Budget Update. Greg reported that county budget public hearings will take place in early May. The budget committee asked each department to cut back their proposed budget by 2.6%. Adjustments made to the Community Development budget that involves the Solid Waste program are as follows;

- “Various projects” is now \$15,000/year
- Dump Stoppers is now \$6,000/year
- Green Business Program is now \$3,500/year
- Training and Travel budget item was reduced.

Solid Waste Management Plan Update. Daniel briefly discussed the planning and process involved in developing the Management Plan. The plan will include the county’s solid waste goals and Daniel sees this opportunity to put together a vision statement or overarching objective. He opened the discussion by asking SWAC members for their input on what the vision should encompass. The feedback was:

- Link the plan to the County’s 2040 goals
- Alignment with state objectives
- Emphasis on Materials Management
- What role does the county play in stimulating markets or adapting change?

- Be inclusive (get feedback from people it will affect)
- Make sure there is a good representation from the county population
- Make it a working document
- Implement benchmarking and measurement
- Make it a priority to complete by the end of 2021

Daniel will create an outline of major topics and will bring it back to SWAC for more feedback.

Green Business Program Update. Since the last SWAC meeting, Daniel and Jen were able to meet with business stakeholders to review the program outline. They are waiting on that feedback to move forward with the program. While they wait, Daniel and Jen are going through a tentative list of business criteria for a business to qualify. They plan to share that criteria with SWAC in the future to get more feedback.

Dump Stoppers Update. Daniel, Julie and Tino met and are working towards an outline of the program. They hope to have an update at the May SWAC meeting.

State Legislature Update. Linda Brewer gave an update on the State Legislature activity. *Please see Exhibit A attached with those updates.*

Materials Management Working Team. *See Exhibit B: Working Group recommendations document.* John introduced members of the working group; Jeanette Hardison, Founder and Director of “No Food Left Behind”, Bailey Payne, Sustainability Specialist for Corvallis School District, and Marge Stevens, Steering Committee member for Corvallis Sustainability Coalition.

John shared a video that was initially shared with SWAC in during a meeting in February 2020 when the working group was envisioned. The group has been focused on recycling but know that it is not the “save all” for materials management. John stated that the real impact of materials is not in how we as a county dispose of them, but more about how the materials are made. The group discussed this issue and looked at the materials we should try to reduce or prevent. The goal is to help achieve the state’s overall goal of 15% less generated materials between 2025 and 2049.

Another goal of the working group is to analyze which initiatives are already working towards achieving these goals and which ones would be best to support. There is a variety of initiatives reported in the group’s recommendations (16 programs).

They found the Waste Impact Calculator to be a helpful tool to see which materials are causing the most greenhouse gas emissions. It also contributed to the recommendations being made to SWAC. The group sees the recommended programs can be leaders towards change in this effort.

The Waste Impact Calculator also helped in recognizing the benefits of increasing the recovery of paper, wood, concrete for recycling. Materials which show the most benefits to increasing prevention include electronics, single-use packaging and food. There are not as many opportunities to recycle those items.

After discussion of the recommendations, Larry suggested that each SWAC member take some time to review the initiatives and come prepared to make their individual recommendation on which initiatives to support. at the May SWAC meeting. They will start with everyone's "top three" choices.

Franchisees Report. Julie was not certain of her attendance at tonight's meeting. So this item will be moved to the May SWAC meeting.

Agenda items for next meeting.

- Member Homework: Review the Materials Management suggestions and be ready to share their top 3 choices at the May meeting.
- Update on the Covered & Secure Load Initiative
- State Legislative Update
- Dump Stoppers

John moved to adjourn the SWAC meeting, seconded by Larry, the meeting adjourned at 8:02 pm.

PASSED WITH AMENDMENTS

SB 289 (??) Directs office of Governor, in consultation with Racial Justice Council's Environmental Equity Committee, to study laws related to environment and provide results to interim committees of Legislative Assembly no later than September 15, 2022.

- 3 Public hearings, 1 work session
- Passed with amendments and referred to Ways and Means

SB 570 Establishes product stewardship program for mattresses.

- 1 Public hearing and 1 work session
- Passed with amendments and referred to Ways and Means

SB 582 Directs Department of Environmental Quality to study and make recommendations for modernizing Oregon's recycling system and provide results of study in report to interim committees of Legislative Assembly no later than September 15, 2022.

- 4 Public hearings and 1 work session
- Passed with amendments and referred to Ways and Means

OF INTEREST TO SWAC, BUT NOT ADVANCING

HB 2698 Right to repair consumer electronic equipment

- 2 public hearings; one work session

BILLS WITH NO ACTION:

- SB 526 Repeals single-use checkout bag ban.
- SB 537 Restricts food and beverage provider or convenience store from providing single-use plastic straws other than at consumer's specific request.
- SB 573 Relating to establishing refund values for beverage containers
- HB 2811 Prohibits permit for construction, expansion or modification of chemical recycling facility
- HB 2815 Prohibits sale of products that make deceptive or misleading claims about recyclability
- HB 2365 Prohibits food vendor from using single-use plastic foodservice ware when selling, serving or dispensing prepared food to consumer
- HB 2617 Prohibits food vendor from using polystyrene container in selling, offering for sale, serving or dispensing prepared food to public

NEWS BRIEF FROM AOR NEWSLETTER 3/24/21

Malaysia will return a container of plastic trash enroute from the United States as it violates new U.N. rules governing hazardous waste, the environment ministry said, one of the first signs of the regulations being enforced. Two years ago, more than 180 countries agreed to ban hard-to-recycle plastic waste trade in an attempt to stop rich countries dumping trash in the developing world, where it often ends up polluting the local environment and the ocean.

Recommendations for Advancing Waste Prevention in Benton County

Briefing to the Benton County Solid Waste Advisory Council

John Deuel for the Materials Mgt. Working Group

April 28, 2021



Background

Origins of this work

- [“America Has A Recycling Problem”](#)
- SWAC Materials Management Working Group
- **The Situation in Benton County**
 - Per capita waste generation is increasing (as of 2018)
 - Waste recovered through recycling/composting is decreasing (compared to 2012)
 - Upstream impacts of materials contribute to climate change greater than impacts downstream
- **Working Group’s Goal: Provide pathways towards reducing waste generation by 15% from 2012 levels 2025-2049. ([ORS 459A.010](#))**



Methods

- Assess County waste characterization data and trends
- Inventory and assess other programs
- Criteria for valuing initiatives
- Use new ODEQ Waste Impact Calculator



2016 Oregon Material Recovery and Waste Generation Rates Report

By:

Materials Management Program
 Environmental Solutions Division
 Oregon Department of Environmental Quality

November 2017

Oregon Department of Environmental Quality Material Recovery and Waste Generation **2017 Oregon Recycling Collector Survey**

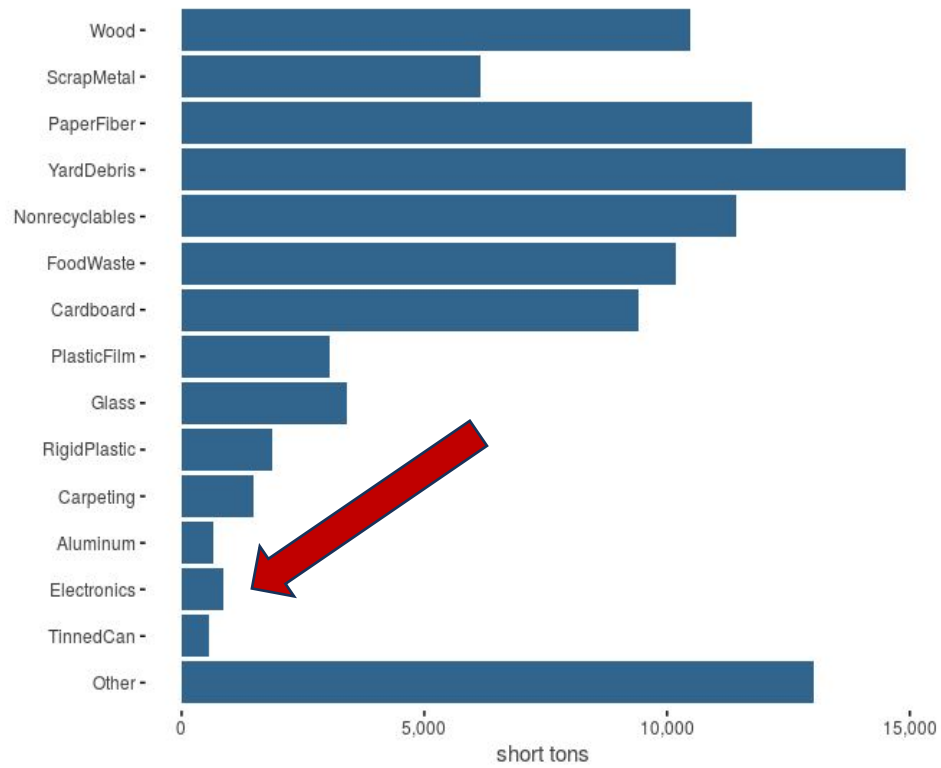
Company/Collector Name _____ Benton
 Republic Services Wastshed A. Post-Consumer Materials Handled Use a separate page 1 for each Oregon wastshed.
 in 2017 (Single Wastshed)

INSTRUCTIONS: For each post-consumer material handled in 2017, record the amount obtained by each of the following collection methods. In columns (A)-(F) record the amount collected by your company. In column (G), record the amount received from other companies; list each company from which you received material. If material is received from multiple wastsheds, the totals reported (column H1) for each wastshed should, when added together, equal the total reported in column (H2) on page 2. If material is collected in only one wastshed, (H1) will = (H2).

Materials (See Attachment A: Recovered Materials Definitions)	Amount Collected: Only by Your Company						Amount Received From Other Company Companies Name(s) **REQUIRED**
	(A) On-Route Residential (Curbside Only)	(B) On-Route Commercial	(C) Multi-Family	(D) Disposal Sites & Transfer Stations	(E) Other Depots & Other Residential	(F) Construction & Demolition	
COMMINGLED All Commingled Materials (XXX) Tons							18.570 Coffin Butte Recycle Center
PAPER FIBERS Newspaper / Mags. (FIB NP) Tons Mixed Papers Only (FIB MW) Tons Office Pack / Hi Grade (FIB HI) Tons Cardboard / Kraft (OCC) Tons	5,880.500	1,576.525			133.340		
NON-FIBER Film Plastics (PF) Tons Plastic Bottles & Containers (RPC) Tons Other Plastics (PO) [kind _____] Tons							
Container Glass (GL) Tons		2,958.855			96.050		
Aluminum (AL) Tons					12.610		
"Tinned" Steel Cans (TC) Tons							
Scrap Metal (SCM) Tons							
Lead Acid Batteries (LAB) Units / Tons							
Tires (TIR) Units / Tons	995.500	285.950			143.880		0 Coffin Butte Recycle Center

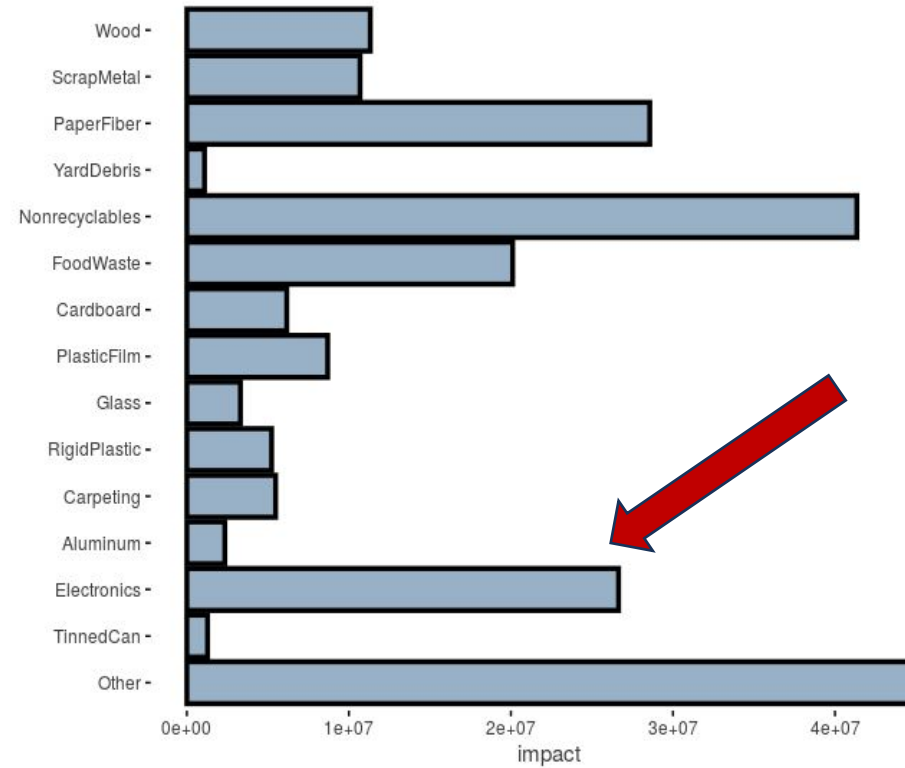
Impacts of waste on climate warming

Weights (short tons)



scenario ■ actual

Global warming 100 impact (kg CO2 eq.)



scenario ■ actual

Program Evaluation Criteria

- Accountability & Outcomes (measurability, impact, audience reach)
- Linkages to higher level plans (ODEQ 2050, Benton County 2040, Corvallis Climate Action Plan)
- Sustainability (Potential for funding, projected staying power, default behavior?)
- Usability & Engagement (Effectiveness, ease of implementation, cross-sector applicability, equitable access, audience reach, incentive, convenience)
- Other: Cost/Benefit; Potential impacts of Covid-19 on implementation

Key Findings

- Prime Opportunity Wastes: Building Materials & Food
- Highly Valued Programs: Engage businesses & Institutions; Extend Useful Life of Things & No Food Left Behind
 - OSUsed Store
 - Waste Prevention/Reuse Directory
 - Saving Green/Earthwise
 - Green Girl
- Environmentally higher impact wastes
 - Maximize recovery: Paper, wood, concrete
 - Maximize reduction/prevention: Electronics, single use packaging, food

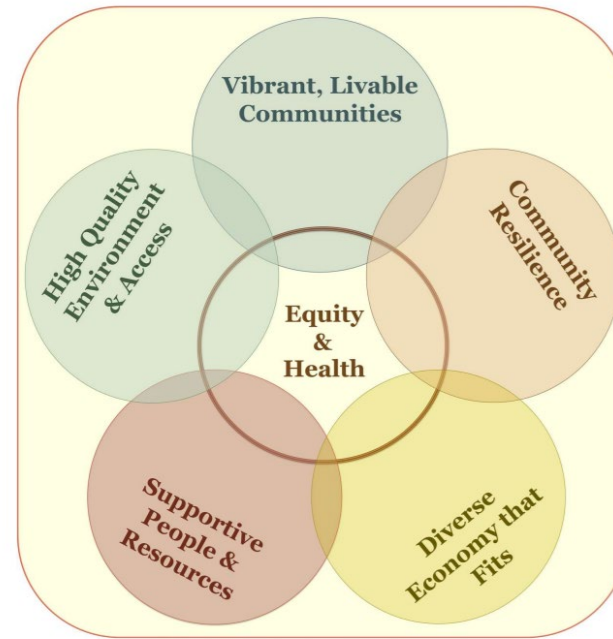


Big Picture Recommendations

Solid Waste/Zero Waste Strategic Plan

Tracking progress: A regular report on key waste metrics

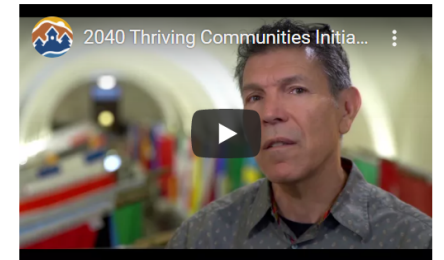
FY22 Supplemental budget proposal



2040 Thriving Communities Initiative

The 2040 Thriving Communities Initiative is a community-driven, visioning process that will use community-identified Core Values in order to address long-term, complex issues. The Core Values were developed through a two-phased, multi-year process that will guide strategies, actions, and progress measures to align community activities and government services surrounding the dynamic challenges and opportunities facing the county now and into the future.

You can review the [Core Values here](#).



[Printer-friendly version](#)

Materials Management in Oregon

2050 Vision and Framework for Action





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every day.



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Benton County



COMMUNITY DEVELOPMENT DEPARTMENT

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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

May 26, 2021 Minutes 6:00 pm to 7:30 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), John McEvoy, and Linda Brewer (Vice Chair)

Absent: Fred Penning

Guests Present: Pam Vaughn, Jeanette Hardison, and Republic Services staff; Broc Kienholz, Julie Jackson, Tino Barreras, Ken Larson,

Staff Present: Greg Verret (Benton County Community Development), Daniel Redick (Benton County Solid Waste and Water Quality Coordinator), Linda Ray (Benton County Community Development)

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:03 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. Debie noted that the minutes reflected she was in attendance but she was unable to attend the April 28th meeting. A **MOTION** was made by Linda to accept the April 28th minutes on the condition that Debie Gile's name is removed from the attendance list, seconded by Larry, the **MOTION** was unanimously approved

Solid Waste Program Budget Update. Greg shared an update on the proposed budget for the next biennium. The Budget Committee approved the budget as proposed. The Board of Commissioners will take final action next week and it could be formally adopted in the next week or so.

Solid Waste Management Plan Update. Daniel shared an outline of the Solid Waste Management Plan for Benton County (see *Exhibit A*). He asked for feedback from the council and if there were any major elements of the Plan that needed adjusted. The feedback was as follows;

- John Deuel suggested adding "sustainable" to the wording from materials management to sustainable materials management.
- Show the bigger picture of how Benton County is working with the entire State of Oregon.
- Clarification that the Plan is not just for the county as an organization, but for the community at large. (Greg added that the county is developing an internal focused sustainability program that will go into more specifics for the organization on reducing waste.
- Inclusion of the less formal services (that are not Benton County or Republic Services) that are contributing towards these goals.

Daniel highlighted the section of the Plan that covers initiatives in Benton County and he would like to link these initiatives back to goal setting so that it makes sense and lines up.

Daniel shared a tool offered by the US EPA which calculates full lifecycle impacts of materials, similar to a tool offered by DEQ used by the Waste Prevention working group, but with more detail.

John encouraged Daniel to include how the plan is being developed and others are being included to give input/feedback. Also include how the plan is going to be shared during the process for input. Daniel replied that this plan will be revisited in 2025 when the current recovery rate is due.

Green Business Initiative Update. Since the last SWAC meeting, the Green Business Initiative. Daniel created an excel file that essentially outlines the credits that businesses need to meet to achieve certification. Most of the material came from the EarthWise program in Marion County and he is evaluating the content to make sure it applies to Benton County. He will send the document to SWAC and asked that they to bring any feedback at the June meeting. In the coming months, Daniel will outline the credits needed to achieve certain certifications. He would also like feedback from the City of Philomath and City of Corvallis.

Dump Stoppers. Daniel shared a document that outlines a pilot of the Dump Stoppers program (*Exhibit B*). County would add information to shared spreadsheet with program managers as well as GIS database to track instances. They would also offer signage for property owners that have dealt with this issue. John Deuel noted the importance of a tracking system to monitor targeted areas and enable the community access to information about illegal dump sites. Linda clarified that there will not be identification on suspects on the website. Pam Vaughn encouraged Daniel to include rural utilities; i.e. Consumers Power, Pioneer Telephone, Century Link, Pacific Power since they would be a valuable resource.

State Legislature Update. Linda Brewer gave an update on the State Legislature activity. (*Please see Exhibit C.*) She met with a DEQ representative (contact for recycling improvement legislation that was approved). He encouraged Linda to use content available on their website. She shared a screen of DEQ's "Plastic Population and Recycling Modernization Act" and encouraged SWAC members to visit the site for more information.

(<https://www.oregon.gov/deq/recycling/Pages/Modernizing-Oregons-Recycling-System.aspx>)

She focused on SB 582A that is going to modernize Oregon's Recycling System. The vision for this bill is to;

- Make recycling easier and expand services to apartments and rural dwellers
- Upgrade sorting facilities (1/3 paid for by producers and manufacturers)
- Reduce social/environmental hardship from waste that can't be recycled
- One list of recyclable materials for the whole state of Oregon
- Provides funding for rural areas to help increase recycling in those areas.

See Exhibit C for estimated costs in 2028-2029 when this bill would go into effect. There is also information on Producer Responsibility Organization. This bill has moved on to Ways and Means in the Legislation process.

John made a **MOTION** for SWAC to send a letter to State Legislators that represent Benton County encouraging them to endorse and support this bill. Larry seconded. John and Linda will draft the letter and send it on as soon as possible. John amended his motion requesting that the endorsement be sent to the Ways and Means Committee members along with State Representatives. Greg referred to the SWAC Bylaws and did not see any issues for the letter to be

sent in. Larry seconded the amendment, the **MOTION** passed 6-1. The original **MOTION** passed 6-1.

Covered Loads. Republic Services is updating their website to include information to the public on the campaign

Franchisees Report (See *Exhibit D*) Julie presented the report on screen with SWAC and touched on several points about the content. She also announced that Tino is moving on to a new position within Republic Service as an Operations Supervisor in Salem division. Julie also introduced Kenny Larson who is the new Recycling Coordinator/Municipal Administrator. In regards to the report covering “Year over Year Recycling Comparison”, John McEvoy asked about C & D waste metrics missing in the report. Julie clarified that they are not able to sort C & D waste, so it is not measured.

Linda made a **MOTION** to recommend the Franchisees Report to be sent on to the Board of Commissioners. Larry seconded and the **MOTION** passed unanimously.

Materials Management Working Team. Due to time constraints, the discussion on Material Management’s finding will be moved to the next meeting.

Other items. Julie offered to host a SWAC meeting at Coffin Butte in August or September. Larry asked about Benton County’s policies on meeting in person. Greg will find out if that is a possibility due to the pandemic. He is hopeful that the restrictions will allow for an in-person meeting by August or September.

SB 582A: Daniel shared the above mentioned letter regarding State Bill 582A with the council that Linda was able to draft during the meeting. After discussion the council agreed that Linda would sign as Vice-Chair. (See *Exhibit E*)

Compost Food: John led a discussion about food scraps and composting for those items is an issue in Benton County. He would like to provide the opportunity and has an idea of a drop-off program for food scraps. Debie expressed interest in discussing this further and this item will be added to the agenda next month. Jeanette Hardison, Corvallis Sustainability Coalition, is involved in this effort and did some research on other programs that have succeeded. She shared a link with SWAC to a spreadsheet where she compiled information. [She also shared links on possibilities for funding.](#) Greg noted that the council will need to reach out to the BOC about the possibility of applying for a grant to fund this program.

Agenda items for next meeting.

- Daniel will facilitate the discussion on Material Management suggestions at the next meeting.
- John introduced a topic for discussion on Food Scrap Drop-Off Funding

The meeting adjourned at 8:28 pm.

EXHIBIT A

Solid Waste Management Plan

Outline and Feedback

Daniel Redick
Benton County Community Development

5/26/21



Overview

Acknowledgements

Executive Summary

Introduction

- Management Planning Process and Summary
- Public and stakeholder input
- Agency Roles
- Benton County Demographics
- Financials
- Current Challenges
- A changing vision from solid waste management to materials management

Facilities and Services

- Coffin Butte Landfill
- Pacific Region Compost
- Collection Services

How is waste managed in Benton County

- Waste flow
- Waste generation and data

Strategic Management

- Waste recovery and generation goals
- Recovery and prevention scenarios
- Solid Waste Forecasting
- Targeted Materials
- Targeted Collection points
- Reporting Requirements
- Law and Policy Options

Initiatives and Valuable Partnerships

Conclusion

Resources

Acronyms and Definitions

Vision Statement

- Ensure high environmental quality by minimizing the full lifecycle impact of materials through safe, equitable, resilient, and measurable management strategies.

Introduction

- Management Planning Process and Summary
- Public and stakeholder input
- Agency Roles
- Benton County Demographics
 - Population distribution and forecasts
 - Largest Businesses and Industries
 - Area and Jurisdiction
- Financials and Budget
- Current Challenges
- A changing vision from solid waste management to materials management

Facilities and Services

- Coffin Butte Landfill
- Pacific Region Compost
- Collection Services
- Webpage

How is waste managed in Benton County

- Waste flow
- Waste generation and data

Strategic Management

- Waste recovery and generation goals
- Recovery and prevention scenarios
- Solid Waste Forecasting
- Targeted Materials
- Targeted Collection points
- Reporting Requirements
- Law and Policy Options

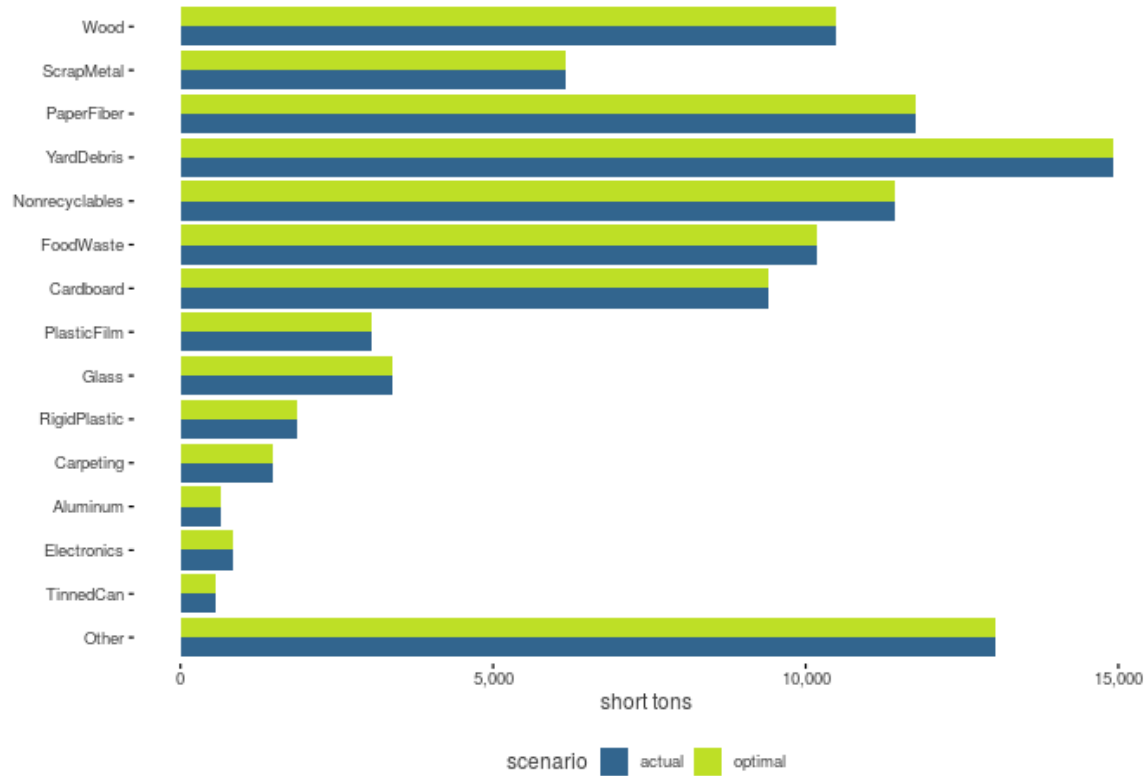
Initiatives and Valuable Partnerships

- Initiatives to support vision and goals
- Dumpstoppers
- Covered and Secured Loads
- Potential Initiatives and Support
 - OSUsed Store
 - Waste Prevention Directory
 - Green Business Certification
 - Library of Things
 - Repair Mall
 - C&D Toolkit

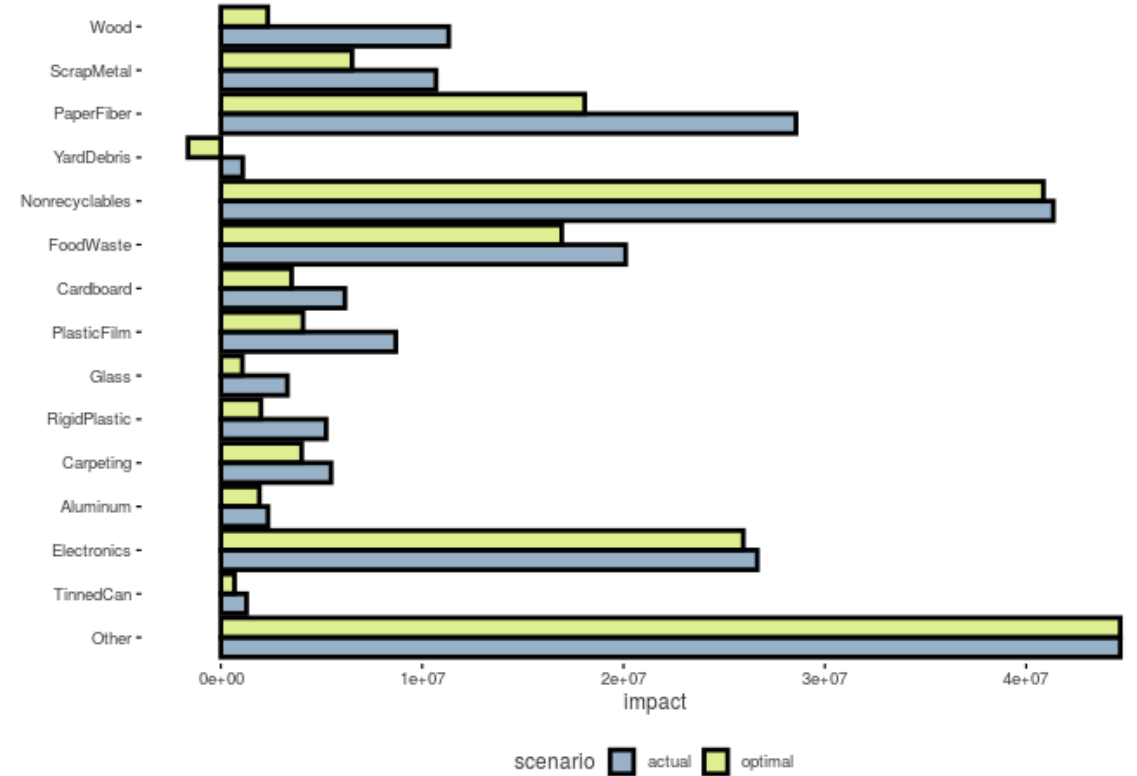
Resources

More detail using EPA Waste Reduction Model

Weights (short tons)



Global warming 100 impact (kg CO2 eq.)

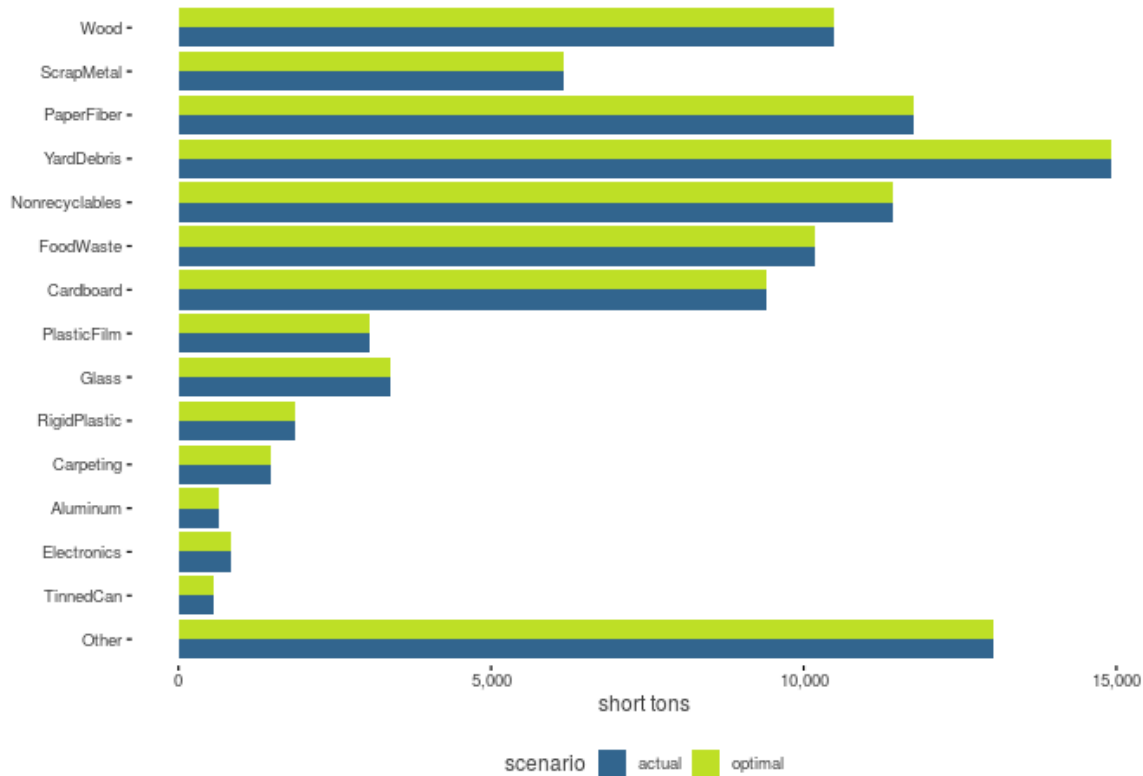


Resources

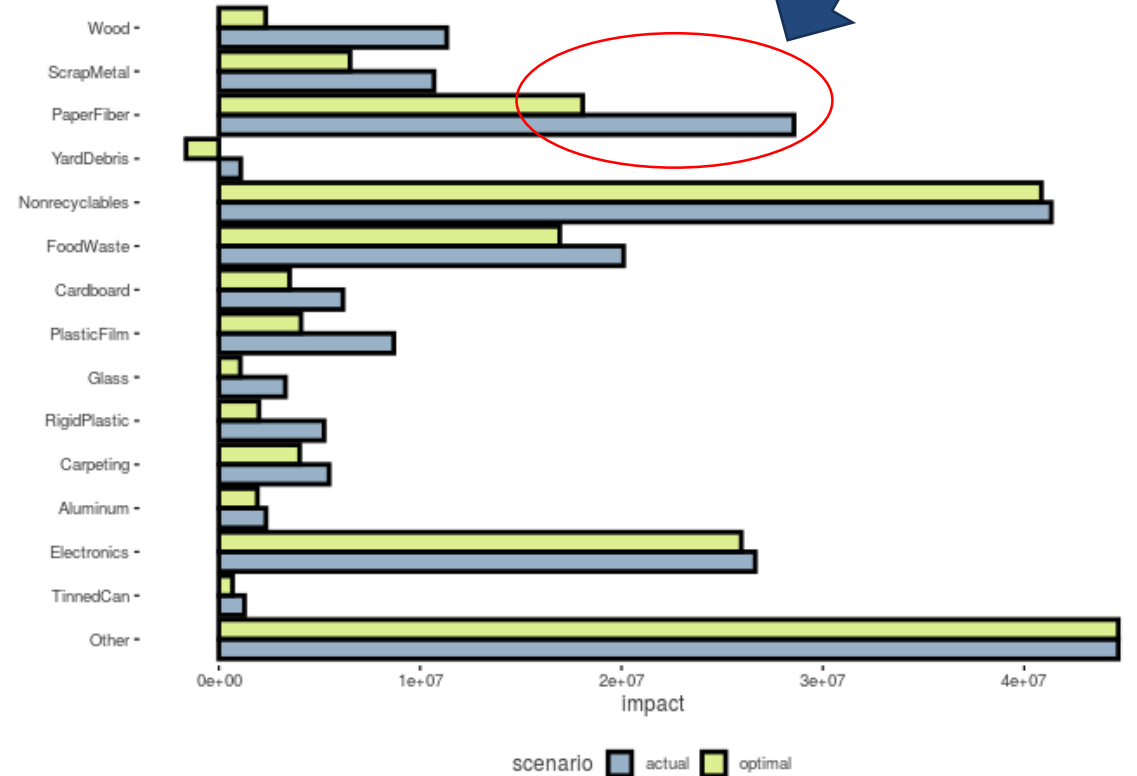
More detail using EPA Waste Reduction Model

Represents Opportunity for Waste Recovery / Recycling

Weights (short tons)



Global warming 100 impact (kg CO2 eq.)

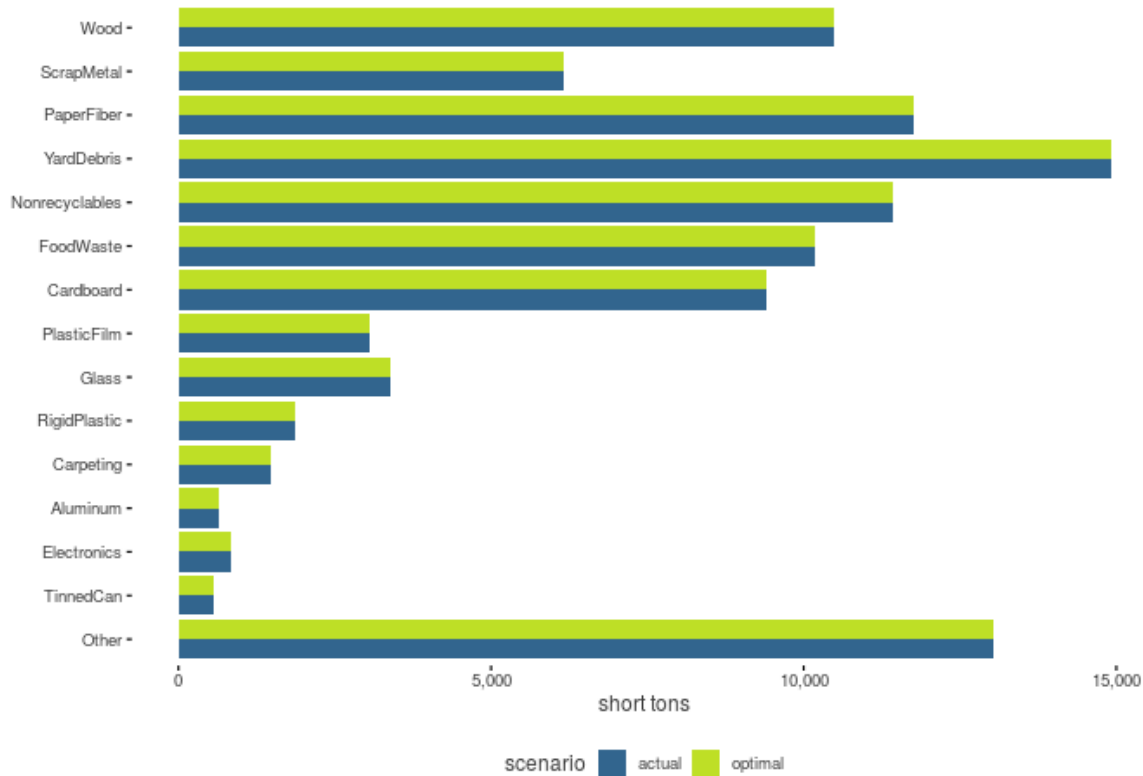


Resources

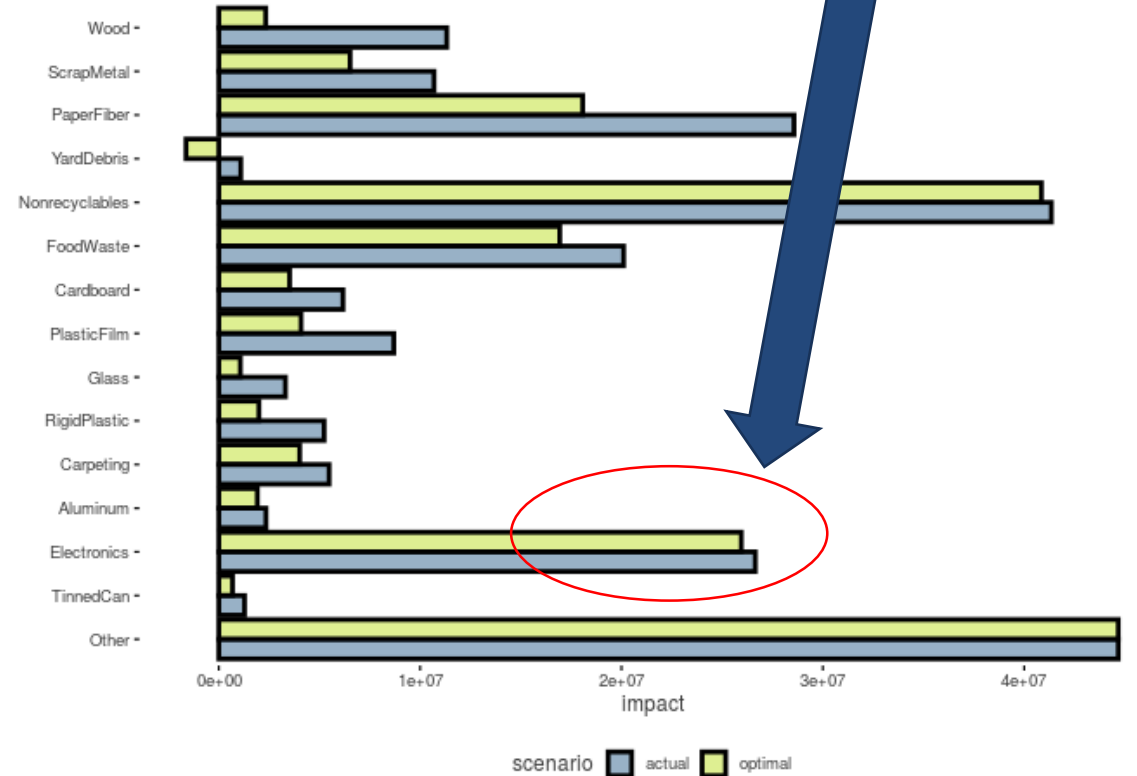
More detail using EPA Waste Reduction Model

Represents Opportunity for Primarily Prevention

Weights (short tons)



Global warming 100 impact (kg CO2 eq.)



Resources

More detail using EPA Waste Reduction Model

Emissions Benefits of **Preventing** 5000 tons of Food Waste

Total Change in GHG Emissions (MTCO₂E): **(20,472.58)**

This is equivalent to...

Removing annual emissions from	4,347 Passenger Vehicles
Conserving	2,303,655 Gallons of Gasoline
Conserving	853,024 Cylinders of Propane Used for Home Barbeques
	0.00115% Annual CO ₂ emissions from the U.S. transportation sector
	0.00113% Annual CO ₂ emissions from the U.S. electricity sector

Emissions Benefits of **Composting** 5000 tons of Food Waste

Total Change in GHG Emissions (MTCO₂E): **(2,751.76)**

This is equivalent to...

Removing annual emissions from	584 Passenger Vehicles
Conserving	309,639 Gallons of Gasoline
Conserving	114,657 Cylinders of Propane Used for Home Barbeques
	0.00015% Annual CO ₂ emissions from the U.S. transportation sector
	0.00015% Annual CO ₂ emissions from the U.S. electricity sector

Questions or Feedback?

What other sections or information do you want to see in this plan?



At your service,
every day.



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EXHIBIT B

Dump Stoppers Pilot Program

Outline and Feedback

Daniel Redick
Benton County Community Development

5/26/21



Overview

- **Process**
- **Resources**
- **Partnerships**

Process

- 1. Complaints identifying waste dump site via:**
 - Phone Call Hotline
 - Online Complaint Form
 - Includes: Location, Type of Material, Est. Volume
- 2. Complaints reviewed and investigated by program staff**
 - Determine if law enforcement needs to be involved (vehicles, other potential evidence materials, etc)
 - Check for potentially hazardous materials
- 3. Provide optional temporary signage, “No dumping”**
- 4. Site Info and Details added to shared spreadsheet and GIS database**
- 5. Property owner conducts cleanup and is given preferential rate for disposal at Coffin Butte LF (currently being evaluated by Republic Services)**

Resources

Webpage to Include:

- Information to highlight extent of the problem
- List of partners
- Available trash/cleanup services and volunteer cleanup organizations
- State and county ordinances
- Reporting phone line
- Online reporting with fillable form

Other Resources:

- Signage for property owners

Partnerships

- Republic Services
- Oregon State University Forest
- Green Belt Land Trust
- U.S. Forest Service
- Bureau of Land Management
- Oregon Department of Forestry
- Oregon Department of Fish and Wildlife
- Benton County Sheriff's Office
- Benton County Health Department
- Benton County Public Works
- Municipalities
- Starker Forests
- Christmas Tree Farms
- Private Timber Companies
- Others

Questions or Feedback?

What other sections or information do you want to see in this plan?



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@BentonCoGov



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Benton County

Plastic Pollution and Recycling Modernization Act

Summary Presentation to SWAC, Benton County

May 26, 2021

Linda Brewer

Thanks to Oregon DEQ

Programs and Projects ▾ Regulations ▾ Data and Reports ▾ Online Services ▾ Get Involved ▾ About Us ▾ Wildfires ▾

[Department of Environmental Quality](#) / [Recycling](#) / Plastic Pollution and Recycling Modernization Act

Plastic Pollution and Recycling Modernization Act

[Recycling Home](#)

[Recycle Right!](#)

[Reciclar Correctamente](#)

[Recycling In Oregon](#)

[Local Government Resources](#)

[Modernizing Oregon's Recycling System](#)

► Plastic Pollution And Recycling Modernization Act

[Recycling Steering Committee Resources](#)

[Recycling Markets Short-Term Response](#)

[History Of Recycling Markets Disruptions](#)

[Communications Resources](#)

[Photo Library](#)

Recycling has the potential to conserve natural resources and reduce pollution, but Oregon's policy framework for recycling was created nearly 40 years ago – and the world has changed drastically since then. Our recycling system is outdated and needs an update.

Senate Bill 582A

The Plastic Pollution and Recycling Modernization Act (Senate Bill 582A) is a significant overhaul of state policy that would modernize Oregon's recycling system. This system-wide update will create programs that are more resilient to change, optimize environmental benefits and restore public trust. The bill will make recycling easier for the public to use, expand access to recycling services, upgrade the facilities that sort recyclables, and create environmental benefits while reducing social or environmental harms, such as litter. Importantly, it will also require producers and manufacturers to pay for many of these necessary improvements and help ensure recycling is successful in Oregon.

Updated materials

- Fact Sheet:
 - [Modernizing Recycling System in Oregon](#)
 - [Modernización del reciclaje en Oregon](#)
- [Summary of technical amendment to SB 582A](#)
- [Senate Bill 582A](#)
- [Section-by-Section Summary](#)
- [Frequently Asked Questions](#) | [Preguntas Frecuentes](#)
- [Vision: What will recycling look like in the future?](#)
- [Summary of PRO Financial Obligations](#)

Previous materials

- [Senate Bill 582-9](#)
- [Summary of the -9 Amendment](#)

Contacts

For media inquiries

[Harry Esteve](#)

Communications Manager

Office: 503-229-6484

Cell: 503-951-3856

Project contact

[Sanne Stienstra](#)

DEQ Project Manager

Office: 503-229-6494

[Sign up for text or email updates via GovDelivery](#)

<https://www.oregon.gov/deq/recycling/Pages/Modernizing-Oregons-Recycling-System.aspx>

Senate Bill 582 A

- A significant modernizing Oregon's recycling system.
- This system-wide update will be more resilient to change, optimize environmental benefits and restore public trust.
- Vision of SB 582A:
 - make recycling easier,
 - expand access to recycling services,
 - upgrade the facilities that sort recyclables
 - create environmental benefits - reduce social or environmental harms,
 - require producers and manufacturers to pay for many improvements

Vision in Detail

EASY AND CONVENIENT

- Single list of recyclables statewide
- Clear, consistent information
- Recycling more accessible statewide



Vision II

EQUITABLE

- Increased apartment recycling
- Increased rural recycling
- Wages & benefits for sector workers
- Stable rates
- Producers take responsibility for their products



Vision III

RESPONSIBLE

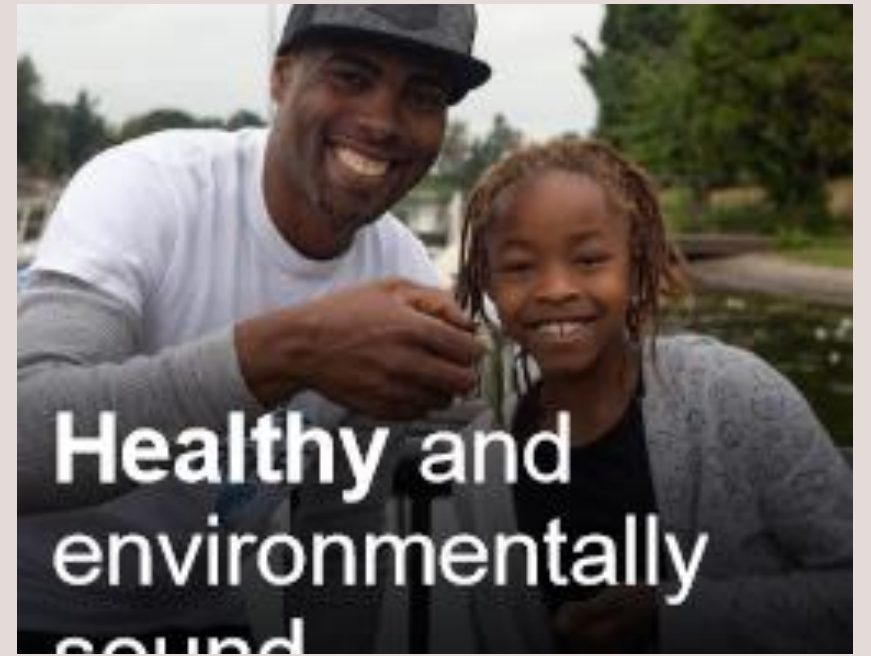
- Environmental and health protections
- Harm not exported offshore
- Responsible recycling guaranteed



Vision IV

HEALTHY AND ENVIRONMENTALLY SOUND

- More materials recycled
- Stronger environmental protections
- Product improvements over time
- Reduced plastic pollution



SB 582 A: Before and After

Today

- Current system costs ~ \$267M per year
- Ratepayers' share = \$223M million
- No producer obligation to fund recycling

Under SB 582 A

- Ratepayers pay \$214 million for recycling services
- Producers' share = ~ \$102 M million annually for 2028-2029.
- Producer funding ~ 1/3 the costs of recycling system

Producer Responsibility Organization

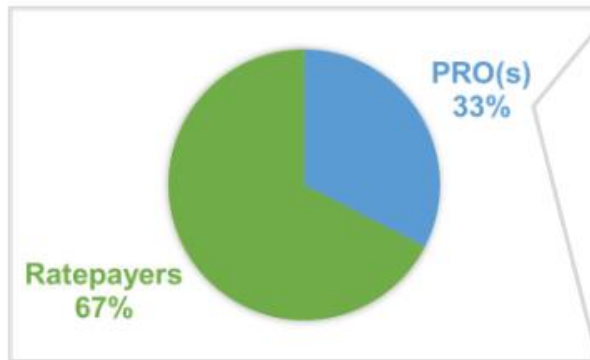
- Non-profit organization
- Fulfills obligations of individual producers
- Coordinates activities of the many producers whose products and packaging fall under the legislation
- Activities:
 - Develop and implement a plan to support recycling programs
 - Provide necessary funding.

PRO efforts overseen by ODEQ, advisory council.

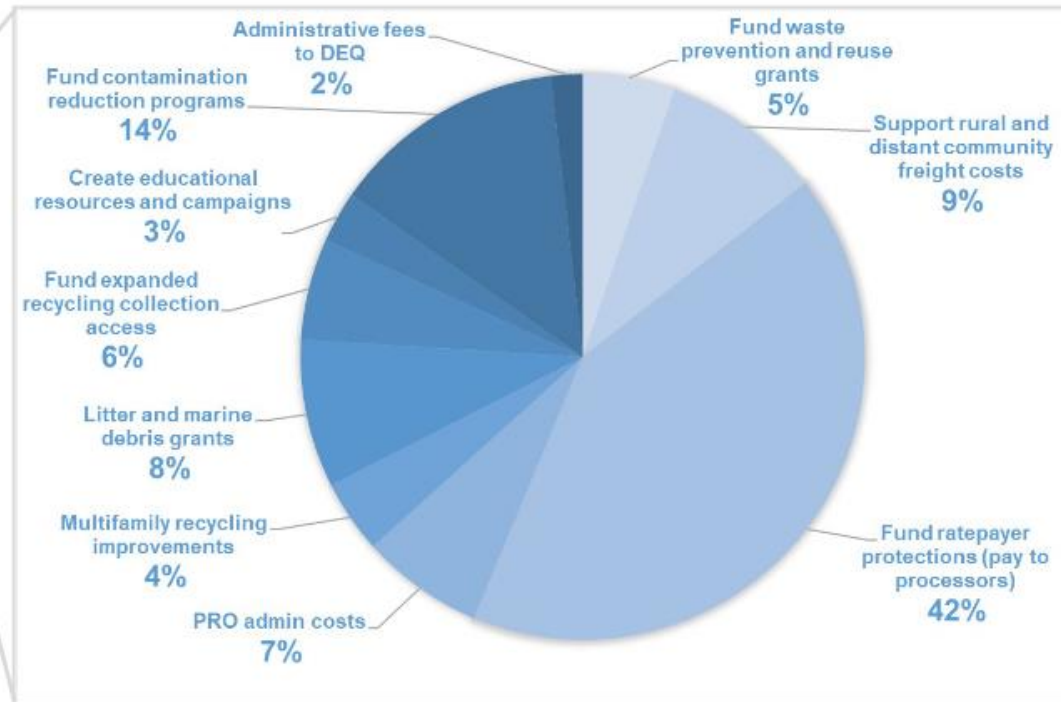
Estimated Costs 2028-29

Recycling System Funding Sources

Net of revenues from the sale of recyclables



PRO Obligations



Obligations

Admin fees	2%
Contamination reduction	14%
Education	3%
Expand recycling	6%
Litter/marine debris	8%
Apartments	4%
PRO admin	7%
Waste prevent/reuse	5%
Rural	9%
Ratepayer protections	42%

Overview

- **Process**
- **Resources**
- **Partnerships**

Process

- 1. Complaints identifying waste dump site via:**
 - Phone Call Hotline
 - Online Complaint Form
 - Includes: Location, Type of Material, Est. Volume
- 2. Complaints reviewed and investigated by program staff**
 - Determine if law enforcement needs to be involved (vehicles, other potential evidence materials, etc)
 - Check for potentially hazardous materials
- 3. Provide optional temporary signage, “No dumping”**
- 4. Site Info and Details added to shared spreadsheet and GIS database**
- 5. Property owner conducts cleanup and is given preferential rate for disposal at Coffin Butte LF (currently being evaluated by Republic Services)**

Resources

Webpage to Include:

- Information to highlight extent of the problem
- List of partners
- Available trash/cleanup services and volunteer cleanup organizations
- State and county ordinances
- Reporting phone line
- Online reporting with fillable form

Other Resources:

- Signage for property owners

Partnerships

- Republic Services
- Oregon State University Forest
- Green Belt Land Trust
- U.S. Forest Service
- Bureau of Land Management
- Oregon Department of Forestry
- Oregon Department of Fish and Wildlife
- Benton County Sheriff's Office
- Benton County Health Department
- Benton County Public Works
- Municipalities
- Starker Forests
- Christmas Tree Farms
- Private Timber Companies
- Others

Questions or Feedback?

What other sections or information do you want to see in this plan?



At your service,
every day.



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[/BentonCountyGov](#)



[Benton County](#)

EXHIBIT D



Annual Report • Benton County • 2020



We'll handle it from here.®

Our Blue Planet

We believe in the preservation of our Blue Planet... a cleaner, safer and healthier world where people thrive, not just for today, but for generations to come. We are guardians of our environment and have a responsibility to regenerate our planet with the materials we are entrusted to handle every day by driving increased recycling, generating renewable energy and helping our customers to be more resourceful. We must lead by example, working diligently to improve our relationship with the environment and society through decreased vehicle emissions, innovative landfill technologies, use of renewable energy, community engagement and employee growth opportunities. We are privileged to serve more than 14 million customers nationwide in 240 markets across the country, creating effortless experiences that support their evolving needs and honor their unique commitments to improving their communities.



6,283

**Residential,
Commercial &
Industrial
Customers In the City
of Corvallis**

Letter from Management

May 25, 2021



Members of the Benton Co. SWAC
County Commissioners
County Staff

Dear SWAC Members, Commissioners and Staff,

Republic Services is pleased to submit the Annual Report for 2020. In this report, you will find tons for recycling and trash as well financial and customer service information.

2020 was a challenging year. Our team was able to work together to provide great service while keeping our employees and customers safe during a pandemic, something we are proud of. We also supported the community by doing business with local businesses as often as possible, like our employee meal program that put more than \$20,000 into the local restaurant economy. We have also seen a “new norm” in residential trash, recycling and organic waste, with 20-30% increases that have remained as we all learn to work from home.

Please feel free to contact me at any time as we work through these unprecedented times.

Best Regards,
Shawn Edmonds

General Manager
Republic Services



Our Promise to Our Customers

We'll handle it from here™, our brand promise. We take pride in offering you a partnership that is supported by Simple Solutions, Reliability and Environmentally Responsibility.

•**Simple Solutions** – We offer a wide range of tailored products to assist the community in the responsible recycling or disposal of multiple waste streams that include electronics, universal waste, and household hazardous waste. Additionally, our investments in web and smartphone based apps allow simple interaction between customers and Republic Services, offering service details, alerts, as well as delivery schedules and billing information.

•**Reliability** – Our 99.9% pickup reliability rate speaks for itself and when callers do reach out to us for any needs, we strive for 1st call resolution through our fully integrated customer resource centers. Our drivers are the safest in the industry, providing residents with confidence in the care we take while doing our job.

•**Environmental Responsibility** – We are globally recognized as a leader in sustainability. Our investments in recycling infrastructure locally include operating the first curbside recycling, yard debris and food scrap collection programs in Oregon, along with running a fleet of 24 Compressed Natural Gas powered trucks, and a landfill gas-to-energy plant, all are examples of how we strive to be a good neighbor in Corvallis.



Our Blue Planet:® 2030 Goals

Republic Services is proud to unveil new sustainability goals designed to address critical global macro trends and our most material sustainability risks and opportunities.



OUR BLUE PLANET: 2030 GOALS



Safety Amplified:

0
Zero employee fatalities



Reduce our OSHA Total Recordable Incident Rate (TRIR) to 2.0 or less by 2030



Engaged Workforce: **88%**

Achieve and maintain employee engagement scores at or above 88% by 2030



Climate Leadership:

35%

Reduce absolute Scope 1 and 2 greenhouse gas emissions 35% by 2030 (2017 baseline year)
* ALIGNED WITH SBTi *



Circular Economy: **40%**

Increase recovery of key materials by 40% on a combined basis by 2030 (2017 baseline year)

Regenerative Landfills: **50%**

Increase biogas sent to beneficial reuse by 50% by 2030 (2017 baseline year)



Charitable Giving: **20M**

Positively impact **20 million people** by 2030

1. SBTi is a collaboration between CDP, the United Nations Global Compact (UNGC), World Resources Institute (WRI) and the World Wide Fund for Nature (WWF)

People

Our people are the heart of our Company. They embody our values, embrace our vision and are united by a shared dedication to our customers, our communities and our Blue Planet — working every day to make the world cleaner, safer and healthier. An engaged, diverse and inclusive workforce — one where our employees use their unique experiences and backgrounds to drive change and differentiation — is essential to our success.

An Evolving Workforce

The workforce is changing, and we embrace these changes. Thirty-five percent of the labor force is comprised of millennials today, a trend that's expected to increase to 75 percent by 2025.¹ Nearly 80 percent of mature millennials consider a company's social and environmental commitments when deciding where to work.²

Additionally, the number of drivers available to meet demand is falling, and the American Trucking Association projects a shortage of 174,000 drivers in the U.S. by 2026.³ Given the relatively high average age of truckers today, this potential shortage makes our workforce and millennial engagement goals even more important for long-term success as our Company grows.

1. <https://www.pewresearch.org/fact-tank/2018/04/11/millennials-largest-generation-us-labor-force/>

2. 2016 Cone Communications Employee Engagement Survey

3. <https://www.trucking.org/article/New%20Report%20Says-National-Shortage-of-Truck-Drivers-to-Reach-50,000-This-Year>



Diversity & Inclusion

Our employees set us apart from the competition. Their unique ideas, experiences and backgrounds make everything we do for our customers, communities and planet possible. Hiring the best people is more than just a good business strategy — it's fundamental to who we are.



We believe we're an employer of choice and prioritize hiring the best and brightest people to move us forward. Our world-class benefits and opportunities for growth and advancement are only a fraction of what we offer to attract and retain employees. We value diverse opinions and innovative thoughts, and encourage our employees to share their ideas and suggestions through surveys, town hall meetings and other tools that help us listen, react and initiate change. We've also created an employee resource group that provides an opportunity for employees to network, share ideas and information, and develop leadership skills.

Giving Back

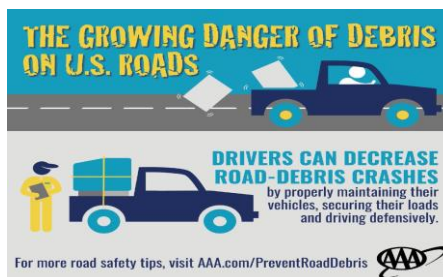
2020 posed some challenges for our charitable partners but with creative planning, they were able to hold events and Republic Services continued to support them financially.



In addition, we made it our mission to support local businesses by purchasing meals for employees and providing frontline employees with \$800 each. They were encouraged to spend that money at their favorite local businesses, totaling over \$60,000 locally.



**BOYS & GIRLS CLUB
OF CORVALLIS**



Management Team



Bret Davis, Operations Manager

Email: bret.davis@republicservices.com

Bret Davis joined Republic Services in 2017. He is responsible for day-to-day operations in our Corvallis division with a commitment to safety and customer service. Having lived all his life in the Corvallis area, Bret brings strong local leadership to the job. He earned a Bachelor's degree in Social Science from Western Oregon University.



Shawn Edmonds, General Manager

Email: sedmonds@republicservices.com

Shawn Edmonds joined Republic Services in 2015 as the General Manager for Western Oregon. He is responsible for four hauling divisions, including Corvallis, as well as Coffin Butte Landfill and Pacific Region Compost. Shawn earned his Bachelor's degree in Business Administration from Western Washington University.



Julie Jackson, Municipal Manager

Email: jjackson6@republicservices.com

Julie Jackson joined Republic Services in 2005 and serves as the Municipal Manager. She began as the Recycling Coordinator and is now the liaison between the company and the communities we serve. She earned her Bachelor's degree from Oregon State University in Education.

Customer Service

We're Still Here

Customer Service Representatives began working remotely, in March of 2020 and didn't miss a beat. More 65% of all calls from Oregon are answered by Oregon Representatives.

Don't need to speak to a representative? It's easier than ever to use our Republic Services App., (formerly My Resource™.) It can be found on any mobile device in the Google Play or Apple Stores and downloaded at no cost.

Recycling Guides, Glass Map, Pick-up Schedules and much more information can be found on the Corvallis/Republic Services website:

republicservices.com/municipality/corvallis-or

Want great video tutorials about what and how to recycle? Go to: recyclingsimplified.com. We know recycling can be confusing, but these videos will help you Recycle Right.



Simple account access. Anytime. Anywhere.

Manage your account from home or on the go with the Republic Services app. Visit RepublicServices.com/Account to access your account or download the app, so you can:



- ✓ Pay your bill
- ✓ Schedule a pickup
- ✓ Report a missed pickup
- ✓ Rate your service
- ✓ Repair a cart
- ✓ Find new products



New for 2021

All customers were mailed a new flyer intended To answer questions about

- Service
- Reuse Opportunities
- What to Recycle
- How to Recycle
- What not to Recycle
- Household Hazardous Waste
- Organics Waste
- Glass Calendars / Schedule
- Holiday Schedules
- How to find Local Web Information
- What to do with E-Waste

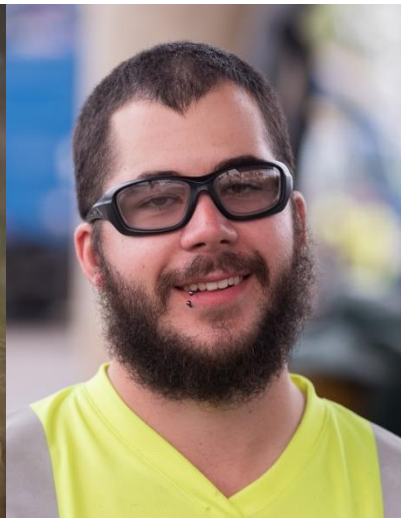
In the 2022 Version:

- We will address even more FAQ's, answering most asked questions from our customers.

Customer Service

OPERATIONS TEAM

Whether it's the people answering the phones or the people who make trucks roll, Republic Services is dedicated to providing excellent service to our customers. Dispatchers, Operations Clerks, Route Supervisors, Depot/Yard Attendants and the Maintenance Technicians who work in our shop all do their job each day so that our customers can depend on quality service.



Customer Service



Drivers, Front and Center.

Drivers for Republic Services are 41% safer than the industry. Why do Republic Drivers excel at Safety? The answer lies in a “let’s work together” approach, in which safety is everyone’s responsibility. From trainers to technicians, supervisors to service personnel, our people are charged with ensuring all of our vehicles are well maintained, clean, safe to drive, equipped with the latest safety features and have well-trained drivers who can safely operate the vehicle at all times and in all conditions.



Recycling Education and Outreach

EDUCATION

Education is a big part of the job for our Recycling Coordinator, so it's no surprise that he spends over 100 hours during the year at schools, community events and meetings. 2020 presented many challenges with school closures and virtual meeting becoming the norm. An upgraded website and the first ever virtual Master Recycler class were just a few ways we were able to pivot to meet DEQ outreach goals.

COMMUNITY PRESENTATIONS

School Presentations	8
Master Recycler Classes	11
Community Presentations	23

Republic Services works with the City of Corvallis to meet it's requirements with the Oregon Department of Environmental Quality (DEQ). Below are just a few of the ways we accomplish this.

- Master Recycler Program
- Compost Workshops
- Quarterly Newsletters
- School & Community Presentations

2020 Master Recyclers

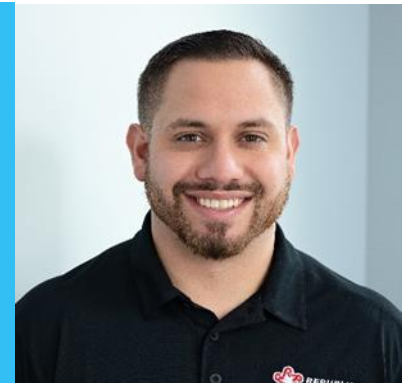


Newsletters



Tino Barreras, Recycling Coordinator
Email: tbarreras@republicservices.com

Tino joined the team in 2019 and serves as the Recycling Coordinator for Republic Services in Corvallis, making presentations throughout the community and in schools. He also co-facilitates the Master Recycler program and is an Oregon Green Schools Coordinator.



YEAR OVER YEAR RECYCLING COMPARISON

COMMODITY	TOTAL 2019	2020 ON ROUTE	2020 DEPOT	TOTAL 2020	% CHANGE
COMMINGLE	6,550	5,896	370	6,266	-4.3%
YARD WASTE (+ Leaves & Christmas Trees)	12,342	14,077	181	14,258	15.5%
CARDBOARD	2,829	2,432	239	2,791	-1.3%
GLASS	1,254	673	359	1,032	-17%
WOOD WASTE	335	0	280	280	-15.5%
CONCRETE	34	0	0	0	-100%
OFFICE PAPER	8	0	0	0	-100%
FOOD WASTE	503	280			-44.3%
SCRAP METAL (total has CB Depot removed)	567	0	712	712	25.6%
ELECTRONICS	154	0	127	127	-17.6%
MOTOR OIL	26	0	39	39	
BATTERIES	4	0	3	3	-25%
PLASTIC FILM	0.0	0	0	0	NA
CONSTRUCTION DEBRIS (C&D)	0.0				
TOTAL RECYCLING TONS	24,606	20,745	2,271	22,736	-7.6%
TOTAL HHW TONS	59				
TOTAL LANDFILL TONS	43,385	40,748	0	40,748	-6.0%
TOTAL WASTE	68,579				

While totals in the table above may seem confusing, we believe most of it can be attributed to COVID-19 and what we see as a new norm for now.

- Commingle is down 4.3% year over year. This is likely due to the reduced Oregon State student population in Corvallis for most of 2020. Total MSW is also down and is also due to students learning remotely.
- Cardboard is down slightly. Most of the cardboard reduction is on route and is due to businesses being closed during a good part of 2020.
- Food Waste is the largest reduction at 44%. This can be attributed to restaurants and dining hauls being closed or having a reduction of food production during 2020.

Kenny Larsen, Recycling Coordinator/Municipal Administrator
 Email: klarsen4@republicservices.com

Kenny is new to the team in 2021. He is the Municipal Administrator and Recycling Coordinator and is responsible for co-facilitating the Linn-Benton Master Recycler program with OSU. He earned his Bachelor's degree in Media Arts from Pacific University in Forest Grove.



Recycling Numbers

HHW CUSTOMER COUNTS

Customer Event	2020	2019	2018
February (Mar.) HHW		378	558
May HHW	NA	735	584
August HHW		640	629
November HHW		782	530

Household Hazardous Waste events provide disposal of unwanted hazardous materials in a way that is safe for the community and the environment. In Benton County 4 events are held yearly. Only 1 had to be cancelled in 2020 due to COVID-19.

SPRING RECYCLE EVENT TONS

Tons Collected - Spring Clean up	2020	2019	2018
Metal		4.64	4.25
Yard Debris - Wood Included		22.8	5.88

Customer Counts

RESIDENTIAL/COMMERCIAL/INDUSTRIAL

Service Level	2020	2019		
Residential				
Cans	25	26		
20 Gal Carts	61	75		
35 Gal Cart weekly	2173	2243		
35 Gal Cart bi-weekly	809	839		
64 Gal Cart	1936	1724		
90 Gal Cart	820	551		
On-Call	201	179		
Total Residential	6025	5637		
Residential recycling customers	4500	4226		
Residential mixed organics customers	3711	3773		
(includes commercial food waste collection)				
Commercial	246	281		
Industrial (Permanent Customers)	12	16		
Solid Waste Disposal Site - Coffin Butte Landfill				
Organics Disposal Site – Pacific Region Compost				

Financial Management



Dan Strandy, Controller

Email: dstrandy@republicservices.com

Dan Strandy has worked for Republic Services for 1 years in various controllership roles. He is originally from Portland and earned his Bachelor's degree in Business Administration from Oregon State University

COLLECTION RECEIPTS

CURRENT YEAR: 2020			PRIOR YEAR: 2019		
Month	2020 Receipts	Fee Paid	Month	2019 Receipts	Fee Paid
20-Jan	\$287,298	\$14,364	19-Jan	\$262,089	\$13,104
20-Feb	\$302,897	\$15,144	19-Feb	\$261,115	\$13,055
20-Mar	\$280,792	\$14,038	19-Mar	\$263,898	\$13,194
20-Apr	\$342,450	\$17,122	19-Apr	\$287,791	\$14,389
20-May	\$268,960	\$13,448	19-May	\$266,075	\$13,303
20-Jun	\$319,551	\$15,977	19-Jun	\$294,563	\$14,728
20-Jul	\$286,114	\$14,305	19-Jul	\$302,770	\$15,138
20-Aug	\$324,577	\$16,227	19-Aug	\$329,547	\$16,476
20-Sep	\$319,977	\$15,998	19-Sep	\$276,573	\$13,828
20-Oct	\$326,659	\$16,332	19-Oct	\$335,712	\$16,784
20-Nov	\$273,634	\$13,681	19-Nov	\$292,674	\$14,634
20-Dec	\$318,659	\$15,932	19-Dec	\$311,469	\$15,573
TOTAL	\$3,651,566	\$182,570	TOTAL	\$3,484,277	\$174,206

Financial

REVENUE, EARNINGS & EXPENSE

The year 2020 presented many challenges for our community. Safe and timely waste collection, disposal, waste recovery and recycling were not immune to the pandemic. The challenges included creating a safe environment for our employees and customers, while providing consistent and sustainable service through a pandemic and the worst wildfires Western Oregon has experienced in our lifetime. As was the case for most of us, it was difficult and a learning experience, but our resolve overcame the obstacles.



Dow Jones Sustainability Index™

Earned the gold standard in corporate responsibility by Dow Jones Sustainability Index. Republic was the only company in the industry to be named to both the World and North America Indices.

From a financial perspective, 2020 Net Income as percentage of Revenue was 8.3%, down from 9.8% in 2019. A resilient economy helped keep financial performance relatively stable despite increased costs associated with COVID-19.

Franchise fees paid to Benton County totaled \$182K in 2020, up \$8K from a year earlier. Net income for Republic Services was \$292K, down \$38K from a year ago.

Our statement of profit and loss and statement of cash flows do not consider interest expense like a typical business as we do not require bank loans, but instead receive “free” cash transfers from our corporate headquarters. However, Republic Services as an overall company does have significant outstanding debt with associated interest expense that is not considered in these financial statements.

Beginning in 2020, the new Oregon Revenue Tax of 0.57% took effect, adding \$20K of additional expense into the operations. Republic Services did not ask for a price increase to cover this new expense in 2020, but instead absorbed the cost and did not pass it on to customers, unlike the practice we are seeing in many businesses across the state.

All things considered, 2020 was difficult but rewarding at Republic Services. As the pandemic continues to impact the economy across the country,

we are proud to be a sustainable partner in the community to support our valued residential and commercial customers.



100 Most Sustainable Companies

Recognized on the inaugural Barron's 100 Most Sustainable Companies list. Republic was the only recycling and solid waste services provider to be listed.



Financial

STATEMENT OF INCOME

*Republic Services
Benton County
Statement of Income
For the Year Ended December 31, 2019 and 2020*

	<u>2019</u>	<u>2020</u>	<u>% Change</u>
<i>Revenue</i>	3,364,940	3,513,828	4.4%
<i>Cost of Operations</i>	2,534,328	2,727,418	7.6%
<i>Gross Profit</i>	<u>830,611</u>	<u>786,410</u>	-5.3%
<i>Sales, General and Administrative</i>	367,966	377,928	2.7%
<i>Operating Income</i>	<u>462,645</u>	<u>408,482</u>	-11.7%
<i>Provision for Income Taxes</i>	132,316	116,826	-11.7%
<i>Net Income</i>	<u><u>330,329</u></u>	<u><u>291,656</u></u>	-11.7%
<i>Net Income as a Percent of Sales</i>	9.8%	8.3%	

Financial

SCHEDULE OF DIRECT EXPENSES

*Republic Services
Benton County
Schedule of Direct Expenses
For the Year Ended December 31, 2019 and 2020*

	2019	2020	% Change
<i>COST OF OPERATIONS</i>			
Labor	706,358	723,025	2%
Repairs and Maintenance	306,096	332,394	9%
Vehicle Operating Costs	86,004	69,450	-19%
Facility	114,086	131,892	16%
Insurance	60,553	116,249	92%
Disposal & Recycle Purchases	772,811	826,830	7%
Franchise Fees	174,206	182,570	5%
OR Corp Activity Tax	-	20,061	100%
Other Operating Costs	119,838	121,234	1%
Depreciation	194,376	203,713	5%
<i>TOTAL COST OF OPERATIONS</i>	2,534,328	2,727,418	8%
<i>Sales, General and Administrative</i>			
Salaries	107,089	83,957	-22%
Rent and Office Expense	49,037	38,489	-22%
Travel and Entertainment	13,871	6,430	-54%
Professional Fees	11,136	11,608	4%
Bad Debt Expense	11,317	12,629	12%
Management Services	124,340	170,659	37%
Other Expenses	51,175	54,155	6%
<i>TOTAL SALES, GENERAL & ADMINISTRATIVE</i>	367,966	377,928	3%

Fleet/Safety

FOCUS TOGETHER

Our nationally-recognized and award-winning Focus 6 program has provided safety training and education programs that have helped our drivers reduce six types of serious incidents by 5.5% in the past year. However, by broadening the scope and reach of the program to include other employees across the Company, we believe we can have an even greater impact on the overall safety and well-being of our employees — simply by working together. That's why we have repositioned the program and given it a new name, "Focus Together." No matter what the job in the organization, everyone has a part to play in creating and maintaining a safe and secure environment inside and outside of the workplace.

It's Republic's #1 priority.



TOGETHER FOR SAFER ROADS

Working together also is the underlying strategy of Together for Safer Roads, an innovative coalition of global private sector companies working to improve worldwide road safety through initiatives, ideas and innovation. Republic is the only recycling and waste services provider associated with the coalition, and is actively working with the coalition and its member companies to achieve a shared mission of fewer road traffic collisions, deaths and injuries worldwide. A centerpiece of this work is a newly-launched initiative, the Global Entrepreneur Program. This initiative brings together smaller start-up companies in the road safety and transportation spaces with member companies to collectively find new solutions to complex roadway safety challenges.

26M

Using Compressed Natural Gas (CNG) to power our collections vehicles in many parts of America has helped save about 26 million gallons of diesel fuel a year. Our CNG fleet is making a lasting environmental impact by reducing air emissions and unwanted noise.



Retreading Tires for an Extended Life

A tire tread can be recycled about 2.3 times beyond its initial tread. Retreading tires is a complicated process, but we know the value of recycling resources wherever and whenever possible. We save roughly 200,000 tires per year with our retreading program. It's beneficial for our business, but more importantly, it's good for the environment.



Getting the Most from Our Oil

Oil never really wears out — it just gets dirty — so recycling it creates a valuable resource while preventing it from impacting our ecosystem. As stewards of our planet, we responsibly handle the motor oil used by our fleet. We partner with a leading oil-recycling company to collect and refine about 1.2 million gallons of oil each year. We've also decreased our oil drain intervals by 200%, reducing our own consumption of oil resources by 50%.

41%

41% better safety performance than the industry average, based on OSHA data

CNG Fleet



The Corvallis fleet has been running on CNG since 2013.

62%

62% Improved safety performance in the Corvallis Division

14 Residential Trucks

12 Commercial & Industrial Trucks

57% Powered by Natural Gas

Fleet/Safety



We embody the Five R's on the Republic Star:

Respectful
Resourceful
Responsible
Relentless
Reliable

Our employees thrive in an atmosphere where safety is our top priority and each person can be a compassionate steward of our Blue Planet. We're committed to more than picking up and handling our country's waste. This is a collective effort to do what's best for our communities, customers, employees, shareholders and environment — without exception, without fail. This is not a fleeting cause. It is the foundation for our future, and the very heart of who we are as we work every day to protect our Blue Planet.



A LAST WORD: SAFETY

Safety is at the forefront of our operations every hour of every day. Making sure that the community is safe and that each of our drivers, operators, technicians and office staff return home safely at night is always on the top of my mind.

Being safer than others in our industry is not an easy task, but one that we are committed to."

*Bret Davis,
Corvallis Operations Manager*



REPUBLIC
SERVICES

We'll handle it from here.™

DEQ – 2020 Recycling Collector Survey



2020 Oregon Recycling Collector Survey

Collector: Republic Services - Corvallis Washed Benton

A. Post-Consumer Materials Handled in 2020 (Single Washed) Use a separate page 1 for each Oregon washed.

INSTRUCTIONS: For each post-consumer material handled in 2020, record the amount obtained by each of the following collection methods. In columns (A)-(F) record the amount collected by your company. In column (G), record the amount received from other companies; list each company from which you received material. If material is received from multiple washers, the totals reported (column H1) for each washed should, when added together, equal the total reported in column (H2) on page 2. If material is collected in only one washer, (H1) will equal (H2).

Materials (See Attachment A: Recovered Materials Definitions)	Amount Collected: Only by Your Company						(H1) Total Amount Collected / Handled in This Washed (A) thru (G)
	(A) On-Route Residential (Curbside Only)	(B) On-Route Commercial	(C) Multi- Family	(D) Disposal Sites & Transfer Stations	(E) Other Depots & Other Residential	(F) Construction & Demolition	
COMMINGLED All Commingled Materials (XXX) Tons	4,771,000	602,000			370,000		5,743,000
PAPER FIBERS Newspaper / Mags. (FIB NP) Tons							
Mixed Papers Only (FIB MW) Tons							
Office Pack / HI Grade (FIB HI) Tons							
Cardboard / Kraft (OCC) Tons		2,040,000			239,000		2,279,000
NON-FIBER Film Plastics (PF) Tons							
Plastic Bottles & Containers (RPC) Tons							
Other Plastics (PO) [kind] Tons							
Container Glass (GL) Tons	602,000	13,000			359,000		974,000
Aluminum (AL) Tons							
Tinned Cans (TC) Tons							
Scrap Metal (SCM) Tons		712,000					712,000
Lead Acid Batteries (LAB) Units / Tons							
Tires (TIR) Units / Tons							
Used Motor Oil (OIL) Gallons / Tons					3,900		3,900
Electronics (EL) Tons					127,000		127,000
Asphalt Roofing (RF) Tons							
ORGANICS Food Waste (FW) Tons		280,000					280,000
Food Waste / Yard Debris Mix Tons	12,425,000	12,000					12,437,000
Wood / Lumber (WW) Tons / CuYd		319,000					319,000
Compacted Yard Debris (YD) Tons / CuYd							
Uncompacted Yard Debris (YD) Tons / CuYd		181,000					181,000
OTHER Other Tons							
Other Tons							
Other Tons							



Community Development Department

Office: (541) 766-6819
360 SW Avery Avenue
Corvallis, OR 97330

co.benton.or.us/cd

Senate Bill 582A

27 May 2021

To the Members of the Oregon Ways and Means Committee:

The members of the Solid Waste Advisory Committee of Benton County OR are writing to express our support for Senate Bill 582 A.

For the sake of human and environmental health, Oregon must update its recycling system. This bill will:

- make recycling easier,
- expand access to recycling services,
- upgrade the facilities that sort recyclables,
- create environmental benefits - reduce social or environmental harms, and
- engage producers and manufacturers in many of these improvements.

We strongly urge you to approve of this bill and promote human and environmental health for all Oregonians.

Sincerely,

Linda J. Brewer, Co-Chair for
Members of the Benton County
Solid Waste Advisory Committee

BENTON COUNTY

Solid Waste Advisory Council (SWAC)

June 23, 2021 Minutes 6:00 pm to 7:30 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), John McEvoy, Fred Penning

Absent: Linda Brewer (Vice Chair), John McEvoy

Guests Present: Eric Tuppan (Tuppan Consulting LLC), Republic Services staff; Broc Kienholz, Julie Jackson, Ken Larson, Ian Macnab

Staff Present: (Benton County Community Development) Greg Verret, Daniel Redick, Linda Ray

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:02 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. John made a **MOTION** to approve the May 26th minutes. Seconded by Debi, the motion passed with the request to adjust the minutes by removing Fred Penning's name from the attendance list, since he was not able to attend.

Coffin Butte Report. Ian shared the Annual Report for Coffin Butte Landfill. During 2020, the landfill received 863,000 tons of waste and based on average density the site has roughly 22 years left.

Projects at Coffin Butte (information taken from the 2020 report):

- Cell 5D – Construction of the liner system for the next phase of the landfill. This cell will be approximately 4.5 acres.
- Burn Dump Relocation – Begin the third and final phase of moving historic waste material into a lined portion of the landfill.
- Landfill Gas Infrastructure – Installation of five horizontal and ten vertical wells. A number of collapsed wells will be decommissioned.
- Vegetative Screen – Continued maintenance of the row of trees planted in 2016 along the eastern perimeter of the landfill property. The trees will help screen the site from Highway 99.
- Leachate Management – Approximately ten additional acres of exposed membrane will be deployed to better shed storm water.

Four odor notices were received in 2020. PRC tonnage overall total went up significantly which they largely contribute it to Covid and community members doing more yard work. Sales were also up and the highest they have seen.

Eric Tuppan presented the annual environmental monitoring report which can be found starting on page 5 of *Exhibit A* attached.

Secure load campaign update. Julie shared that new Secure Load Campaign signs will be put up at the landfill soon that better explain the charges for loads being brought in to the landfill that are not securely strapped down. Scale house staff gave feedback that the previous signs were confusing and there was one incident with a disgruntled community member regarding the change. She stated that it is a slow process but improvements will be seen. Broc shared that he has seen significant change in debris along Hwy 99. Daniel noted that the secure load campaign video would be hosted on Benton County's social media Youtube channel.

Materials Management Discussion Daniel led the group in discussion of the Materials Management Working Team recommendations. He began by sharing an analysis presentation that showed the data regarding tonnage of waste in Benton County and forecasting the waste generation in the next few years. Benton County is on track for 122,000 tons of waste being generated (disposal and recovery) in 2025. Stats show that in 2018, waste was around 188,000 tons. 2012 the waste was around 92,000 tons. The goal for Benton County would be to see 15% below the 2012 generation of 92,000 tons (totaling 78,000 tons) by 2025. The goal would be 43,000 less than the forecasted 2025 generation (35% less than what we are on track for 2025).

Daniel identified some "key findings" he found from the recommendations:

Prime Opportunity Wastes: Building Materials & Food

Highly Valued Programs: Engage businesses & institutions; Extend Useful List of Things & No Food Left Behind

- OSUsed Store
- Waste Prevention/Reuse Directory
- Saving Green/Earthwise
- Green Girl

Environmentally higher impact wastes

- Maximize recovery; paper, wood, concrete
- Maximize reduction/prevention; electronics, single use packaging, food

John noted that Daniel's analysis is a good starting point. He requested that the council also refer to the materials sent out prior to the meeting that lists 5 recommendations made by the Working Team:

1. County-wide collaboration for green businesses: Partnership of Saving Green and County program (i.e. Marion County's Earthwise)
2. Durable Goods Reuse Center and Repair Mall
3. Expansion of Benton County/City of Corvallis "Library of Things" including event serving ware
4. Construction & Demolition Waste Task Force
5. Reusable Take Out Food Container Service

Larry opened the discussion asking for feedback on what the priorities should be for SWAC regarding these recommendations. John recalled that a year ago the council asked the Working Team to make recommendations that SWAC can in turn recommend to the BOC regarding waste beyond recovery. Larry would like to set goals and be able to measure

those along the way. John noted that it would be good to present initial recommendations to the BOC to get feedback.

Debi stated the importance that SWAC's goals fit along with the state wide goals. She also noted that construction and demolition waste is a large tonnage that the group needs to take into consideration. John replied by stating that the Working Team addressed that issue and considered some strategies on working with contractors in developing a plan. The Working Team suggested forming a task force to help deal with this issue in a collaborative way with contractors.

Julie pointed out that construction waste isn't always wood. They have seen plastic, metal, cardboard, etc brought to the landfill by contractors (who don't typically sort the waste materials before bringing them to the landfill). Julie stated that there has been discussion at Republic Services about building a C&D Facility at Coffin Butte, but the cost would be upwards of 25 million dollars. She also stated that all materials have to go through sorting and at this time there is not enough to merit building a facility. She also cautioned using numbers from 2012 as a starting point to measure waste because we were still recovering from the economic crash in 2008. Her perspective is to help people understand that just because they have more money doesn't mean they should be more wasteful.

Daniel discussed SWAC's interest of supporting the "Library of Things" with the library staff. Their mission has been to provide access and not necessarily to reduce waste across the county. He also sees the needs for a waste prevention component. He cautioned assumptions on the challenges that the Library faces. They turn over their entire collection pretty regularly (at any given time 80% of their collection is usually loaned out). SWAC can help support them by providing feedback on items that should be included to help the community.

Larry suggested the importance of the educational piece around rentals and suggested communicating with the Sustainability Coalition for education suggestions on how to connect rental materials and how it reduces waste (i.e. how they tie together).

Julie informed the council about a new facility in Marion [County Mid-Valley Garbage and Recycling Association](#) (Construction/Demolition materials). It is an option for Benton County to send all construction materials to this facility. Julie suggested a tour for SWAC to take a look at this pilot program and see if it would be beneficial for Benton County. John suggested consolidated drop off places for rural areas to collect and ship these materials to Marion County. Daniel will look into this option further and how SWAC can recommend a drop off location at Coffin Butte to send construction materials to the facility in Marion County. Julie will create a doodle poll for the Marion County facility tour and Linda Ray will send that link out to SWAC members for interest and availability.

After discussion on which initiatives to support and the importance of prioritizing them, Larry made a **MOTION** that SWAC prioritize their support of the county wide collaboration with the Green Business program. Seconded by John, the motion passed 4-1.

Compost Program/Grant Funding Discussion. John was informed that Corvallis Coalition Waste Prevention Action Team is also interested in creating a method of collection for those that do not have access to compost (multi-family dwelling). There may be opportunities to collaborate with this group. Julie suggested providing training for property managers at multi-family developments on recycling and contamination issues. She and Kenny will work together to put together a training through Republic Services.

State Legislature Update. Linda Brewer was absent, so the update will be moved to next month.

Dump Stoppers. Daniel shared that he met with the Benton County Sheriff's office to discuss how this concept would work with their role in the community. Daniel learned about how the Sheriff Department currently handles the situation of illegal dumping. The Sheriff's office will provide SWAC with data that details the numbers (to be expected) of instances where illegal dumping takes place. Daniel will bring back a revised process flow for what the program can look like (and how the Sheriff's office will be involved) so that SWAC can give feedback and move forward from there.

Green Business. Daniel spoke with the City of Corvallis Sustainability Coordinator and learned more about his recommendations on how the Green Business initiative would work most effectively. One of the pieces of feedback Daniel received is how to formally launch a program like this, especially the marketing portion of the program. Julie suggested reaching out to Celebrate Corvallis and see if SWAC can get a portion of time to market the initiative and inform the community at that event. Daniel also presented the initiative to the Sustainability Coalition as well as their Economic Vitality Action team. They already have a list of businesses that they have contact with. Daniel sees this as a great opportunity to market the initiative. He encouraged SWAC members to review his criteria list and give feedback on the priority of those items. *That criteria can be found in Exhibit B (attached).*

Members Request. Debie would like to continue meeting remotely. She also asked Julie for clarification on a couple items in the Annual Report for Republic Services about management fees that were listed. Julie clarified that management fees have to do with recruiting, new employees, etc. Debi also asked about the phrase "bad debt" and what a normal number would be since 12% seems high in her opinion. Julie will ask the controller for Republic Services and bring more information to the next SWAC meeting.

Agenda items:

- Solid Waste Management Plan
- Member Recruitment

The meeting adjourned at 8:02pm.



EXHIBIT A

COFFIN BUTTE LANDFILL & PACIFIC REGION COMPOST

Annual Report
2020



COFFIN BUTTE LANDFILL & PACIFIC REGION COMPOST

2020 Summary of Operations and Environmental Monitoring

This report provides a summary of the following aspects of Coffin Butte Landfill and Pacific Region Compost operational and environmental status for calendar year 2019:

Landfill Capacity	1
Future Landfill Infrastructure Development	2
Summary of Landfill Annual Environmental Monitoring Report.....	3
Annual Environmental Monitoring Report (AEMR) and Executive Summary Trend Plots	Appendix A
Site Map and Well Locations.....	Appendix B
Summary of Landfill Annual Leachate Management Report	4
Summary of Landfill Annual Title V Air Monitoring Report	4
Summary of Landfill Users by County of Origin	5
Status of Landfill Environmental Trust Fund and Insurance	6
Certificate of Insurance.....	Appendix C
Summary of Landfill Environmental and Regulatory Permits	6
Summary of Customer Complaints.....	7
Summary of Pacific Region Compost (PRC) Activity.....	8
Summary of Pacific Region Compost Odor Notices.....	9

LANDFILL CAPACITY

Coffin Butte Landfill has permitted airspace of 38,443,830 cubic yards (including consumed). During 2020 the landfill accepted 863,210 tons of solid waste. Based on historical aerial fly-over data, the average effective density¹ of the in-place waste at the Coffin Butte Landfill is 1.0 tons/cy (2,008 lbs/cy – 2018 Operational Density). Therefore, an estimated 863,210 cubic yards of airspace was used for the year. A total of 20,455,706 cubic yards has been consumed as of December 31, 2020.

The remaining capacity for the entire permitted landfill footprint as of the end of 2020 was approximately 17,621,208 cubic yards. This information is updated annually with aerial flyovers. Using 0.80 tons/cy, the remaining available landfill space expressed in tons is about 14,096,966 tons. Using an average disposal rate of approximately 750,000 tons per year, there are about 18.80 years of landfill space available. If we use our three year density average of 0.93 tons/cy, the site life extends to 21.85 years. This illustrates the importance of density on landfill site life.

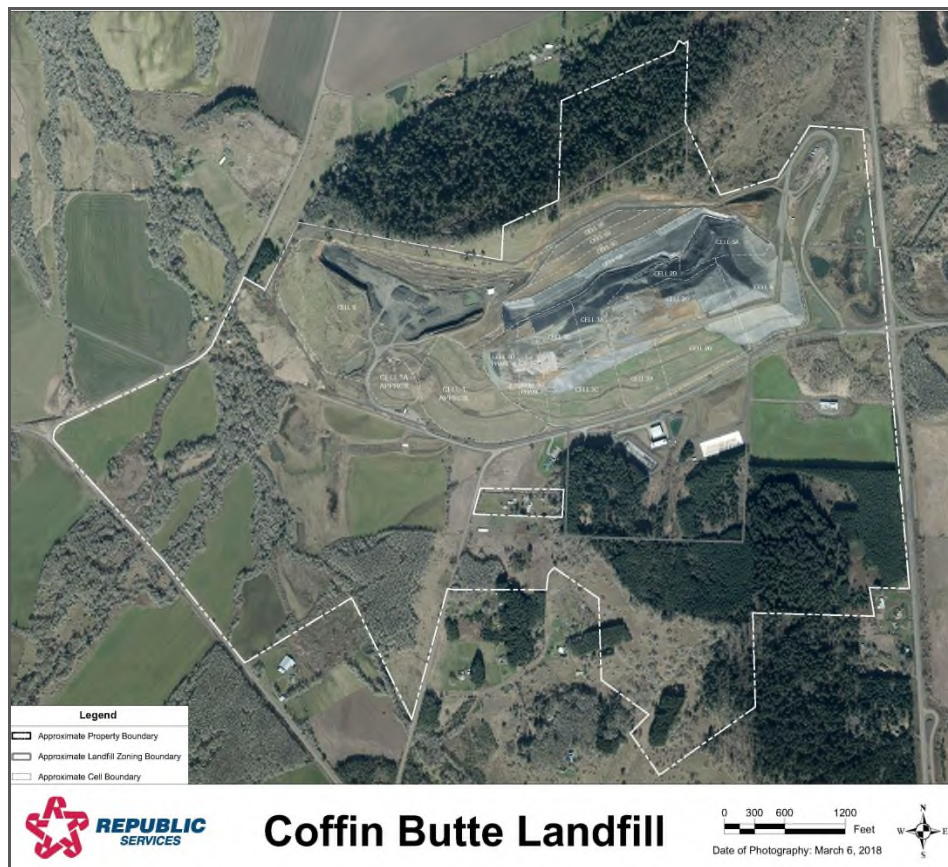


Figure 1. Aerial photo of Coffin Butte Landfill.

¹ Effective density incorporates the effects of daily and intermediate soil cover usage. It is calculated by measuring the amount of airspace occupied between successive aerial flyovers using photogrammetric maps, and dividing that volume into the number of tons of waste received at the gate.

FUTURE LANDFILL INFRASTRUCTURE DEVELOPMENT

The following is an estimated timeline for anticipated projects in the upcoming year:

- Cell 5D – Construction of the liner system for the next phase of the landfill. This cell will be approximately 4.5 acres.
- Burn Dump Relocation – Begin the third and final phase of moving historic waste material into a lined portion of the landfill.
- Landfill Gas Infrastructure – Installation of five horizontal and ten vertical wells. A number of collapsed wells will be decommissioned.
- Vegetative Screen – Continued maintenance of the row of trees planted in 2016 along the eastern perimeter of the landfill property. The trees will help screen the site from Highway 99.
- Leachate Management – Approximately ten additional acres of exposed membrane will be deployed to better shed storm water.



Figure 2. Vertical Gas Well Construction

SUMMARY OF LANDFILL ANNUAL ENVIRONMENTAL MONITORING REPORT

This annual report provides a summary of the water quality monitoring activities at Coffin Butte Landfill during 2020. Coffin Butte Landfill, located in Benton County, Oregon, is a municipal solid waste landfill owned and operated by Valley Landfills, Inc. (VLI). Environmental monitoring and associated reporting is required by the landfill's solid waste disposal permit number 306, issued and administered by the Oregon Department of Environmental Quality (DEQ).

During 2020, no significant changes in water quality were measured. Volatile organic compound (VOC) concentrations in wells along the west-side compliance boundary were below primary drinking water standards including at well MW-12S, where the trend for tetrachloroethene (PCE) continues downward. Most other VOC concentrations have declined to below 2 µg/L at west-side compliance wells and several inorganic parameters were present above background concentrations. Since the landfill cover was installed on Cells 1/1A in 1996 and landfill gas removal wells were installed in Cell 1 in 1994, the number and concentrations of VOCs have declined over the long term in compliance wells.

Downgradient of the Closed Landfill, groundwater quality trends are stable as well. Based on the age of the landfill and source removal of the waste fill that began in 2019, it is expected that the existing low level impacts will diminish with time.

At the compliance boundary for Cells 4 and 5 on the east side, the primary drinking water standard for arsenic was exceeded, but these concentrations represent natural background conditions. Sampling results at MW-26 and MW-27 were below statistically calculated site specific limits (SSLs) for most of the indicator parameters. Manganese was marginally above the limit at MW-26 in October and at MW-27 for both sampling events. No action is required with the exceedance of only one SSL.

Leachate production for the water year 2019-2020 was estimated at approximately 25.6 million gallons. This was generated by Cells 1 through 5 during the water year ending September 30, 2020. VLI continues to monitor the secondary leachate collection systems (SLCS) beneath Cells 2, 3, 4, and 5.

The text portion of the AEMR, trend plots for groundwater quality parameters described

above and data table for east side groundwater monitoring wells are presented in Appendix A. The remaining tables, figures and appendices discussed in the text portion of the report are on file at the Benton County Health Department.

SUMMARY OF LANDFILL ANNUAL LEACHATE MANAGEMENT REPORT

The Annual Environmental Monitoring Report (AEMR) includes information and data from the leachate management program. Leachate production and management for the water-year October 2019 to September 2020 is discussed in the report. The text portion of the leachate report can be found in section 3.4 of the AEMR.

SUMMARY OF LANDFILL ANNUAL TITLE V AIR MONITORING REPORT

Air emissions generated at the Coffin Butte Landfill in 2020 were summarized in a report on DEQ forms prepared by Valley Landfills. The air emissions generated in 2020 were less than the plant site emission limits (PSELs) allowed under the Title V Operating Permit. There were no deviations from the Title V Operating Permit conditions.

The landfill received, responded to, documented, and reported 4 odor notifications to DEQ.

Coffin Butte Landfill Odor Notices								
Month	2013	2014	2015	2016	2017	2018	2019	2020
Jan	0	0	1	2	0	0	0	0
Feb	0	0	0	0	0	0	0	2
Mar	0	2	0	0	0	0	0	0
Apr	0	1	1	0	0	0	1	1
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	1	0	0	0	0	0	0
Sep	0	1	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	1
Nov	1	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Total	1	5	2	2	0	0	1	4

SUMMARY OF LANDFILL USERS BY COUNTY OF ORIGIN

Coffin Butte Landfill Vehicles by Class and Tons Disposed - Total for Year 2020					
	Commercial Vehicles Intercompany Franchised & Third Party Franchised		Private Vehicles	Total Vehicles	Total Tons
	MSW	C&D	(Includes Special Waste, Asbestos, & Public)		
County	Tons	Tons	Tons		
Benton	38,093.61	10,278.95	53,153.64	37,745	101,526.20
Linn	75,669.99	6,347.00	57,278.71	33,655	139,295.70
Polk	39,600.79	2,290.53	10,700.62	17,726	52,591.94
Marion	128,955.99	1,137.39	51,194.29	9,341	181,287.67
Lane	4,687.27	80.42	32,543.57	1,900	37,311.26
Tillamook	28,183.03	0.00	8,784.77	1,561	36,967.80
Yamhill	25,466.25	32.74	418.48	954	25,917.47
Lincoln	54,182.22	27.40	36,589.30	3,523	90,798.92
Coos	1.17	0.00	3,511.54	148	3,512.71
Washington	78,984.89	0.00	1,376.11	3,151	80,361.00
Jackson	0.00	0.00	147.43	22	147.43
Multnomah	0.00	0.00	0.98	5	0.98
Douglas	0.00	0.00	557.61	52	557.61
Clackamas	12,854.58	2.94	1,438.96	618	14,296.48
Columbia	33,956.63	0.00	25.94	1,196	33,982.57
Umatilla	0.00	0.00	6.93	3	6.93
Jefferson	0.00	0.00	0.91	1	0.91
Klamath	0.00	0.00	21.35	10	21.35
Deschutes	0.00	0.00	1.75	10	1.75
Baker	0.00	0.00	53.38	75	53.38
Malheur	0.00	0.00	0.40	7	0.40
Josephine	0.00	0.00	7.00	9	7.00
Clark, WA	0.00	0.00	34.11	5	34.11
Cowlitz, WA	0.00	0.00	247.16	12	247.16
M-Clackamas	0.00	0.00	8,499.67	292	8,499.67
M-Multnomah	282.85	0.00	272.29	30	555.14
M-Washington	44,283.10	0.00	10,943.09	2,166	55,226.19
Totals	565,202.30	20,197.37	277,810.06	111,614	863,209.73

STATUS OF LANDFILL ENVIRONMENTAL TRUST FUND AND INSURANCE

The Value of the Environmental Trust on 12/31/2020 was \$14,646,697.

The Value of the Environmental Trust on 12/31/2019 was \$12,919,311

The Value of the Environmental Trust on 12/31/2018 was \$10,622,923.

The Value of the Environmental Trust on 12/31/2017 was \$11,312,290.

The Value of the Environmental Trust on 12/31/2016 was \$9,761,623.

A copy of the Certificate of Liability Insurance, showing Benton County as an additional insured is presented in Appendix C.

SUMMARY OF LANDFILL ENVIRONMENTAL AND REGULATORY PERMITS

Permit Number	Permit Type	Permit Terms	Renewal Date	Enforcement Actions - 2020	Comments
SWDP # 306	Solid Waste	10 Year	June 30, 2030	None	
# 1200Z	NPDES Stormwater	5 Year	July 21, 2022	None	
#101545	NPDES Leachate Treatment	5 Year	September 30, 2017	None	Renewal Application Submitted-Administratively Extended
#02-9502	Title V Air Quality	5 Year	October 1, 2014	None	Renewal Application Submitted-Administratively Extended
#5	Industrial Wastewater Discharge	5 Year	May 31, 2023	None	City of Corvallis Leachate Disposal
#8679	Wastewater Discharge Permit	5 Year	December 31, 2022	None	City of Salem Leachate Disposal

SUMMARY OF CUSTOMER COMPLAINTS

The table was compiled from the verbal complaints logged at Coffin Butte Landfill and Pacific Region Compost scale houses.

Valley Landfills, Inc. 2020 Complaint Log					
Month	Price	Public Tipping Area	Other	Pacific Region Compost	Monthly Total
Jan	0	0	0	0	0
Feb	0	0	0	0	0
Mar	0	0	0	0	0
Apr	0	0	1	0	1
May	0	0	0	0	0
Jun	0	0	0	0	0
Jul	0	0	0	0	0
Aug	0	0	0	0	0
Sep	0	0	0	0	0
Oct	0	1	0	0	1
Nov	0	0	0	0	0
Dec	0	0	0	0	0
Totals	0	1	1	0	2

SUMMARY OF PACIFIC REGION COMPOST ACTIVITY

Pacific Region Compost (PRC) operates under a Solid Waste Disposal Site Permit (Composting Facility No. 1418) issued by the Oregon Department of Environmental Quality (DEQ) on January 2, 2020. The permit allows PRC to compost Food Waste (Type III Feed Stocks). Below is a list of the Inbound and Outbound materials at PRC in 2019 and 2020.

Summary of Pacific Region Compost Activity 2020								
Recycling							Sales	
	Green Waste		Urban Wood Waste		Food Waste		Hog Fuel	Compost
	Cubic Yards	Tons	Cubic Yards	Tons	Residential (Tons)	Commercial (Tons)	Tons	Cubic Yards
Inbound	0.00	0.00	0.00	3,609.0	161,955.0	3,221.0		
Outbound							0.00	102,128.0
Totals	0.00	0.00	0.00	3,609.0	161,955.0	3,221.0	0.00	102,128.0

Summary of Pacific Region Compost Activity 2019								
Recycling							Sales	
	Green Waste		Urban Wood Waste		Food Waste		Hog Fuel	Compost
	Cubic Yards	Tons	Cubic Yards	Tons	Residential (Tons)	Commercial (Tons)	Tons	Cubic Yards
Inbound	0.00	22,479.00	0.00	0.00	107,034.00	3,549.86		
Outbound							0.00	47,700.00
Totals	0.00	22,479.00	0.00	0.00	107,034.00	3,549.86	0.00	47,700.00

SUMMARY OF PACIFIC REGION COMPOST ODOR NOTICES

Pacific Region Compost received, responded to and documented 25 odor notifications in 2020.

Pacific Region Compost Odor Notices								
Month	2013	2014	2015	2016	2017	2018	2019	2020
Jan	10	1	4	5	2	2	1	0
Feb	7	1	2	7	2	0	0	1
Mar	5	1	0	12	3	0	0	0
Apr	4	1	1	18	3	2	0	3
May	13	9	2	15	10	5	3	7
Jun	3	5	19	2	2	0	4	5
Jul	25	2	5	6	1	0	2	5
Aug	17	16	8	2	1	0	1	3
Sep	8	3	5	0	0	0	3	0
Oct	1	4	17	1	2	1	5	1
Nov	1	1	4	2	0	0	4	0
Dec	1	0	3	3	0	4	9	0
Total	95	44	70	73	26	14	32	25

APPENDIX A

ANNUAL ENVIRONMENTAL MONITORING REPORT (AEMR) AND EXECUTIVE SUMMARY TREND PLOTS

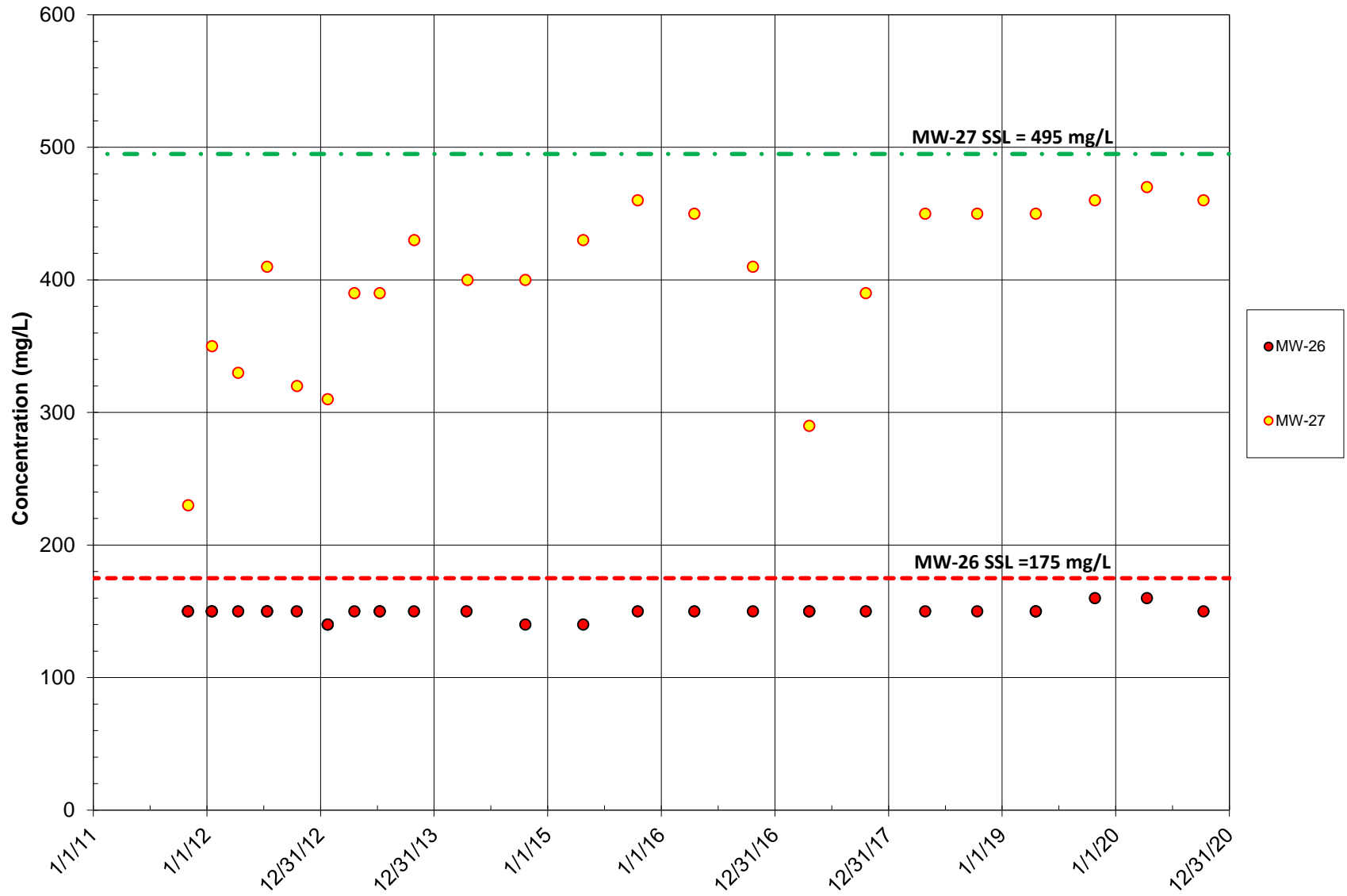
Table 4-2
Comparison of Sampling Results with SSLs
East Side Compliance Wells
2020 Annual Environmental Monitoring Report
Coffin Butte Landfill

	Units	Indicator Parameters							
		Bicarbonate Alkalinity (mg/L)	Chloride (mg/L)	TDS (mg/L)	Calcium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Sodium (µg/L)
MW-26	SSL	175	6.2	246	32	4.5	10.1	0.74	30
4/15/14		150	5.6	180	23	0.35	8.3	0.46	28
4/15/14 DEQ		142	6.2	192	24.7	0.401	9.1	0.534	27.8
10/21/14		140	5.5	190	24	0.51	9.8	0.64	29
4/25/15		140	6.1	190	23	0.29	9.3	0.45	28
10/17/15		150	5.9	200	26	1.1	9.9	0.66	30
4/16/16		150	5.8	180	24	0.19	9.1	0.53	27
10/22/16		150	5.6 J	190	24	0.53	9.4	0.65	26
4/21/17		150	6.0	180	24	0.36	8.6	0.41	27
10/20/17		150	5.4	210	23	0.51	10.0	0.62	27
4/28/18		150	6.2	190	24	0.17	8.1	0.37	25
10/12/18		150	5.7	190	25	0.37	9.3	0.56	25
4/19/19		150	5.2	190	26	0.13	10.0	0.25	27
10/26/19		160	5.2	200	23	0.44	9.0	0.67	25
4/12/20		160	4.4	200	26	0.28	9.8	0.69	26
10/9/20		150	5.3	180	26	0.61	10.0	0.79	27
MW-27	SSL	495	15.0	499	100	17.6	46	8.9	44.4
4/18/14		400	11	420	88	16	41	8.1	40
10/21/14		400	12	460	87	13	39	6.8	40
4/25/15		430	13	470	86	13	42	8.2	40
10/17/15		460	13	490	92	13	41	8.2	42
4/16/16		450	13	480	86	5.3	40	7.2	37
10/22/16		410	12 J	440	79	4.9	34	6.8	35
4/21/17		290	15	310	45	0.49	19	3.1	28
10/20/17		390	14	430	61	4.0	29	5.4	32
4/28/18		450	14	460	71	5.1	31	6.8	35
10/12/18		450	14	460	82	9.0	35	7.9	35
4/19/19		450	13	470	87	8.9	40	9.1	37
10/26/19		460	12	470	80	3.3	34	7.6	35
4/12/20		470	10	470	91	8.6	38	9.4	36
10/9/20		460	13	480	89	8.7	38	9.7	37

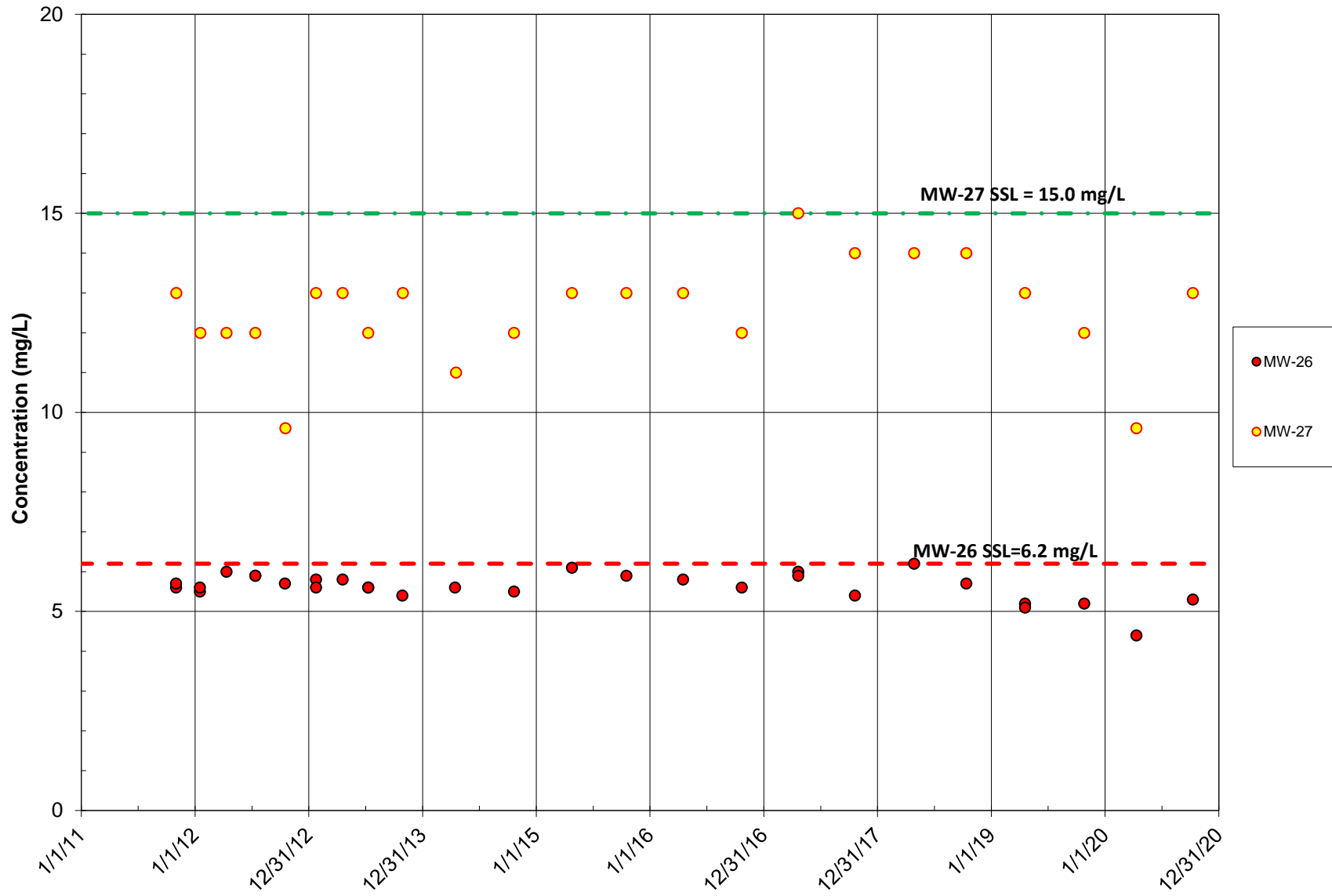
Note:

SSL: site specific limit.
 Bold Values: above SSL.
 NE: not established.

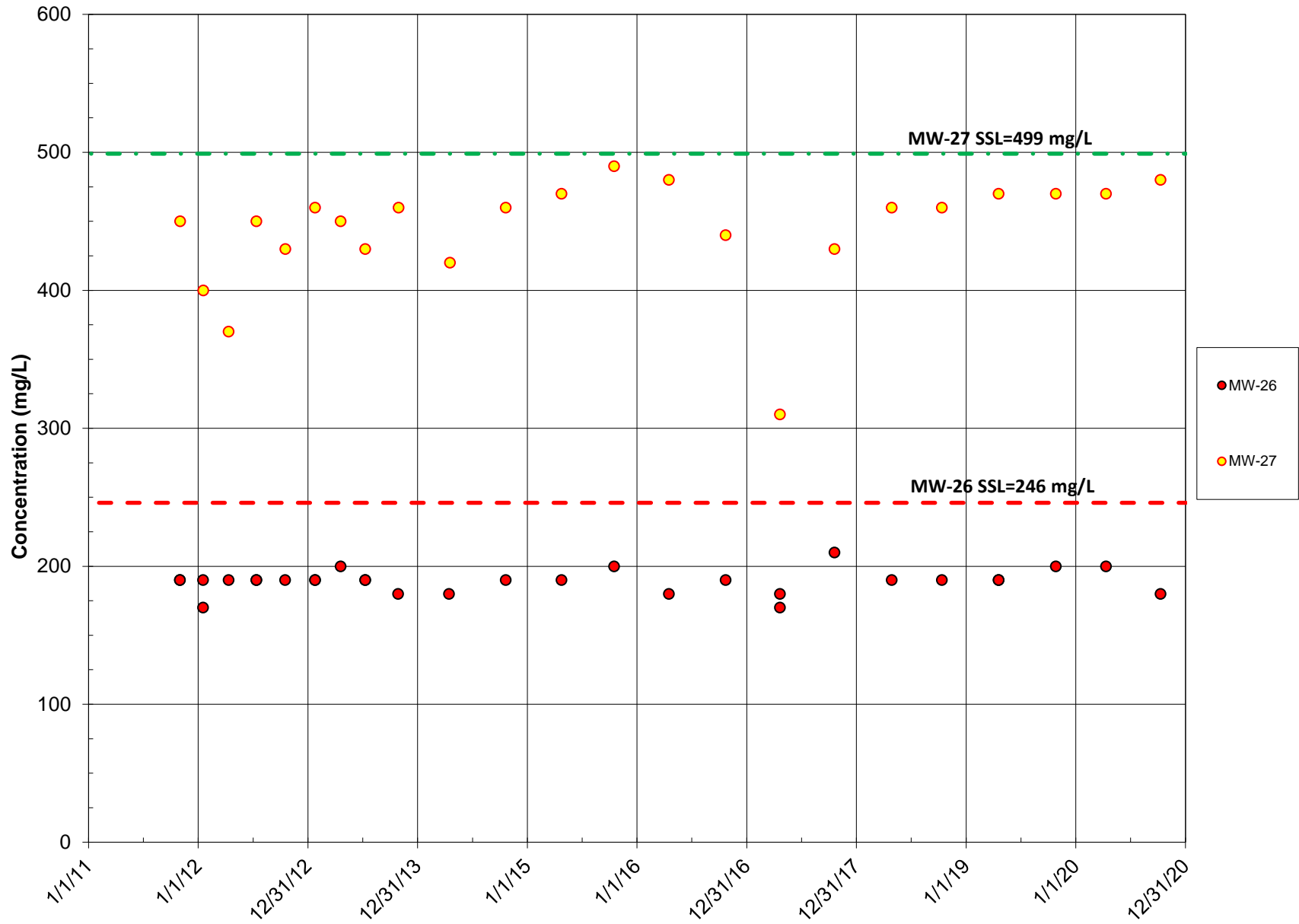
Coffin Butte Landfill East-Side Wells: Bicarbonate Alkalinity



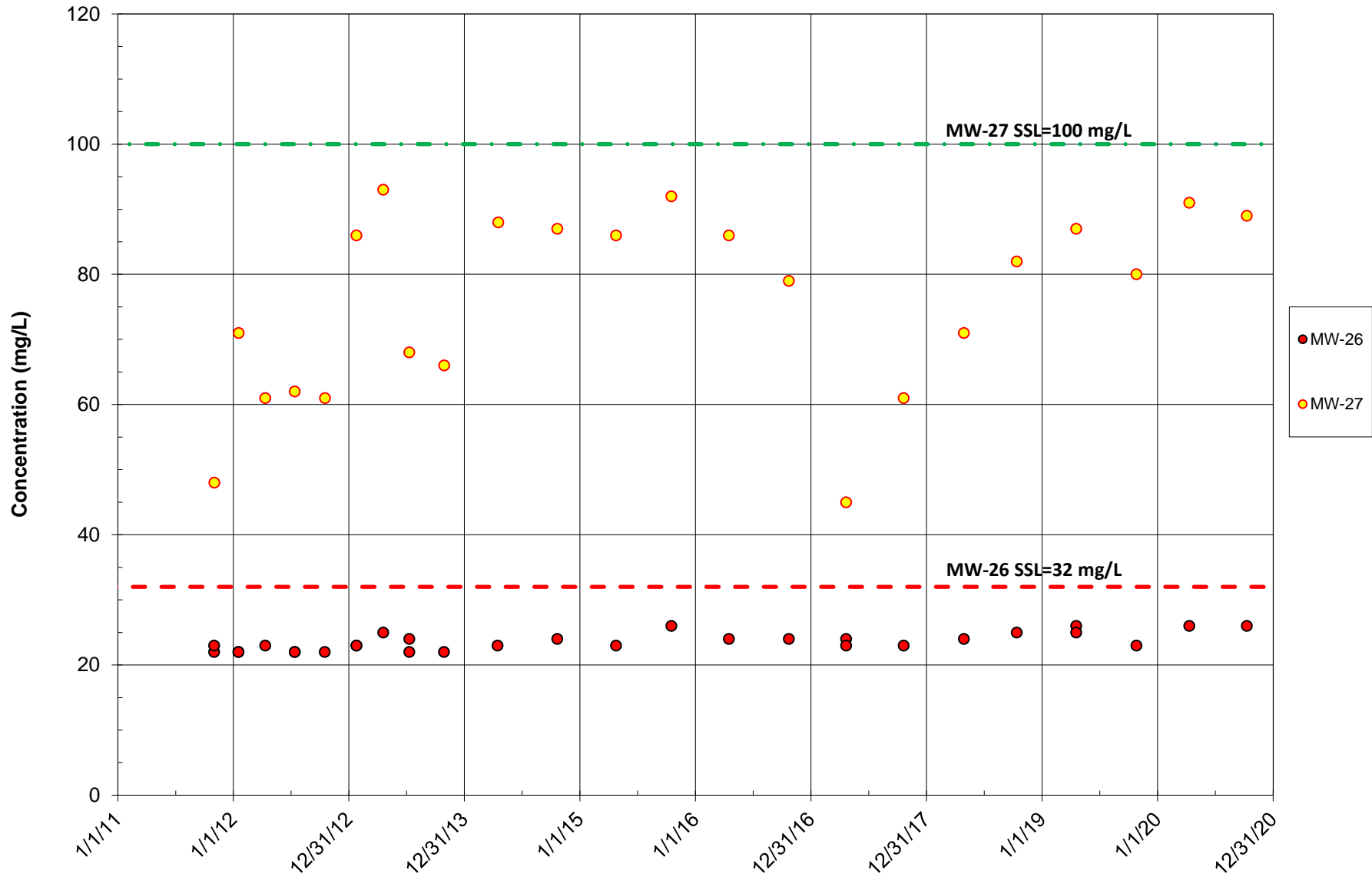
Coffin Butte Landfill East-Side Wells: Chloride



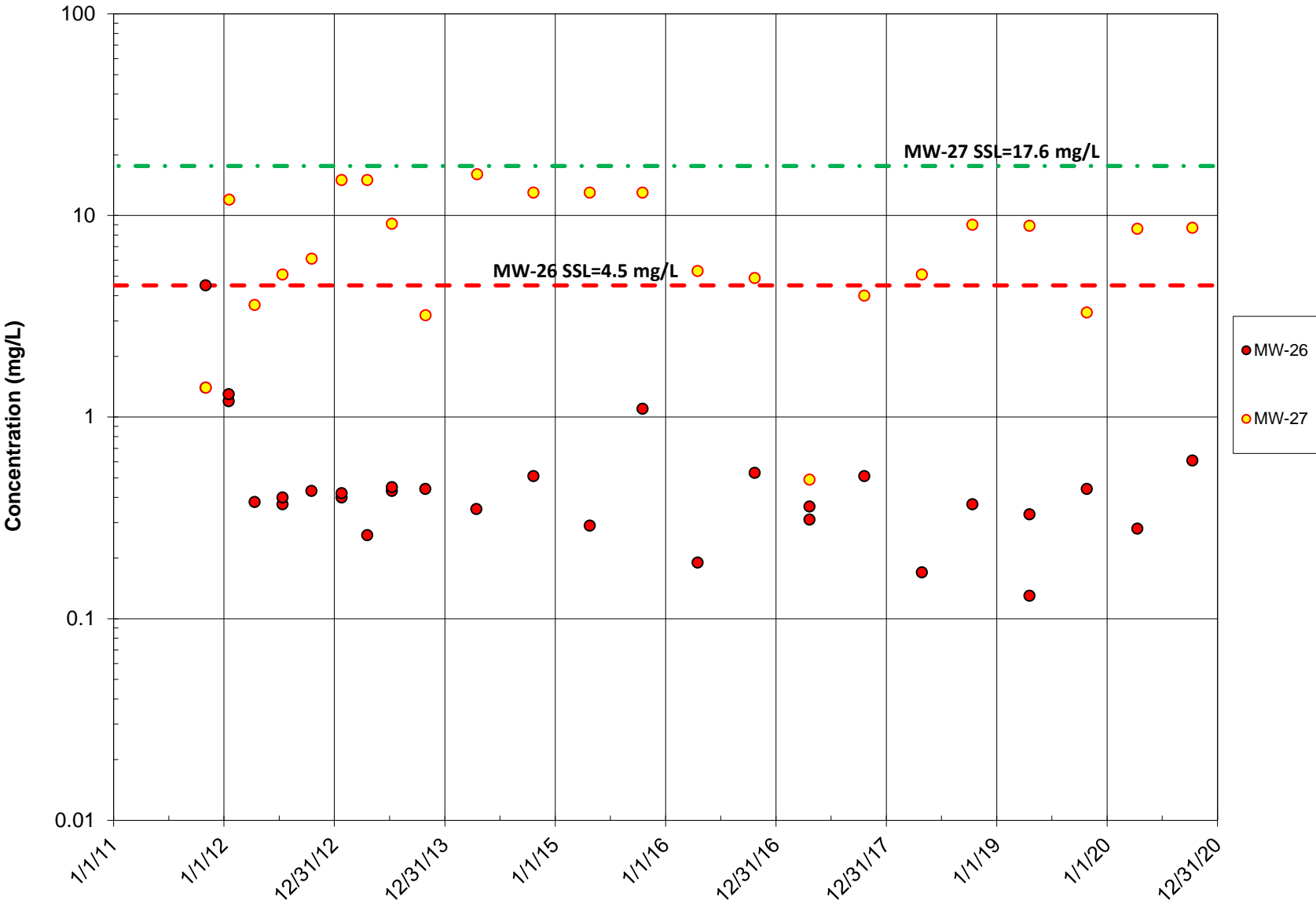
Coffin Butte Landfill East Side Wells: Total Dissolved Solids



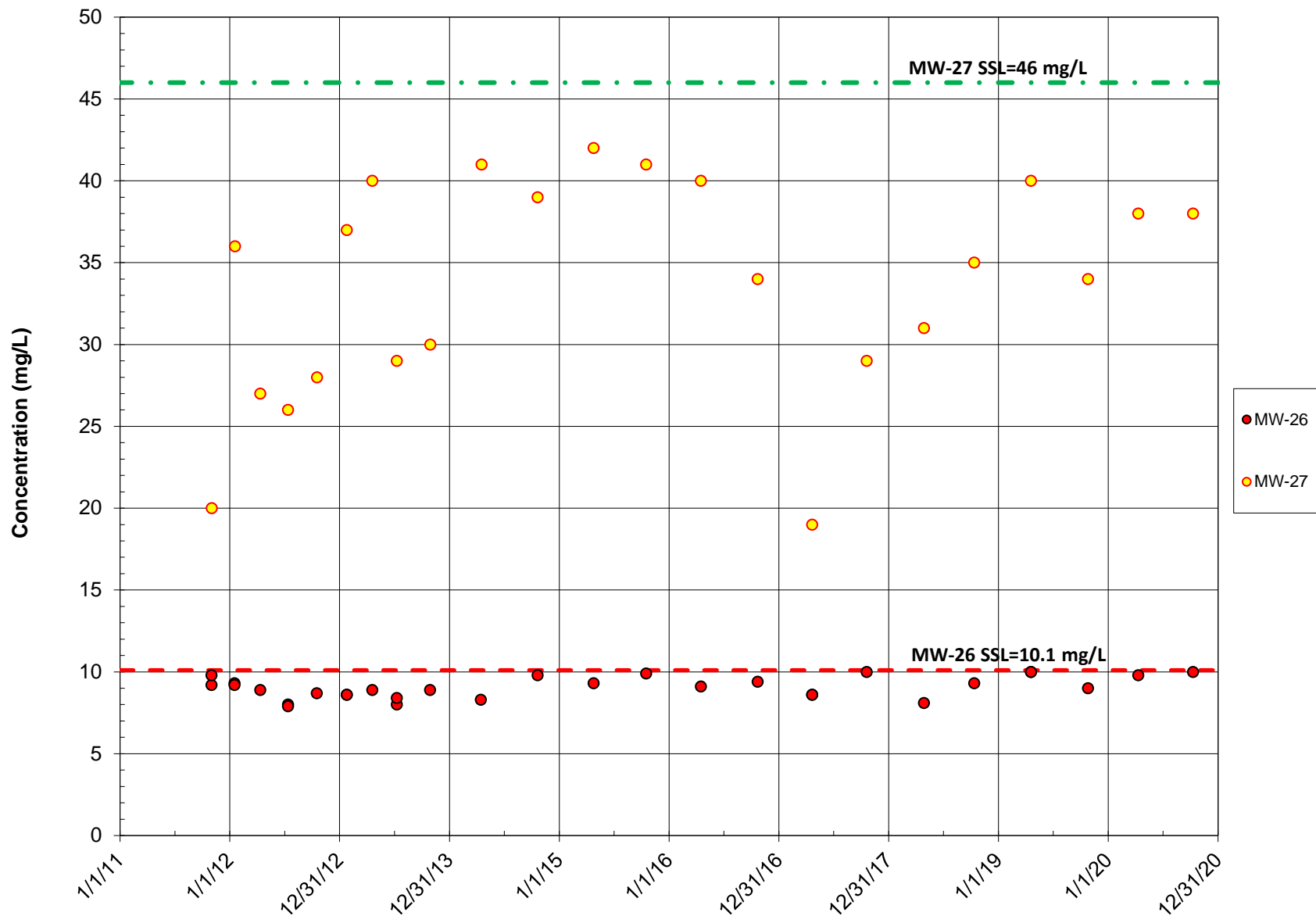
Coffin Butte Landfill East-Side Wells: Calcium



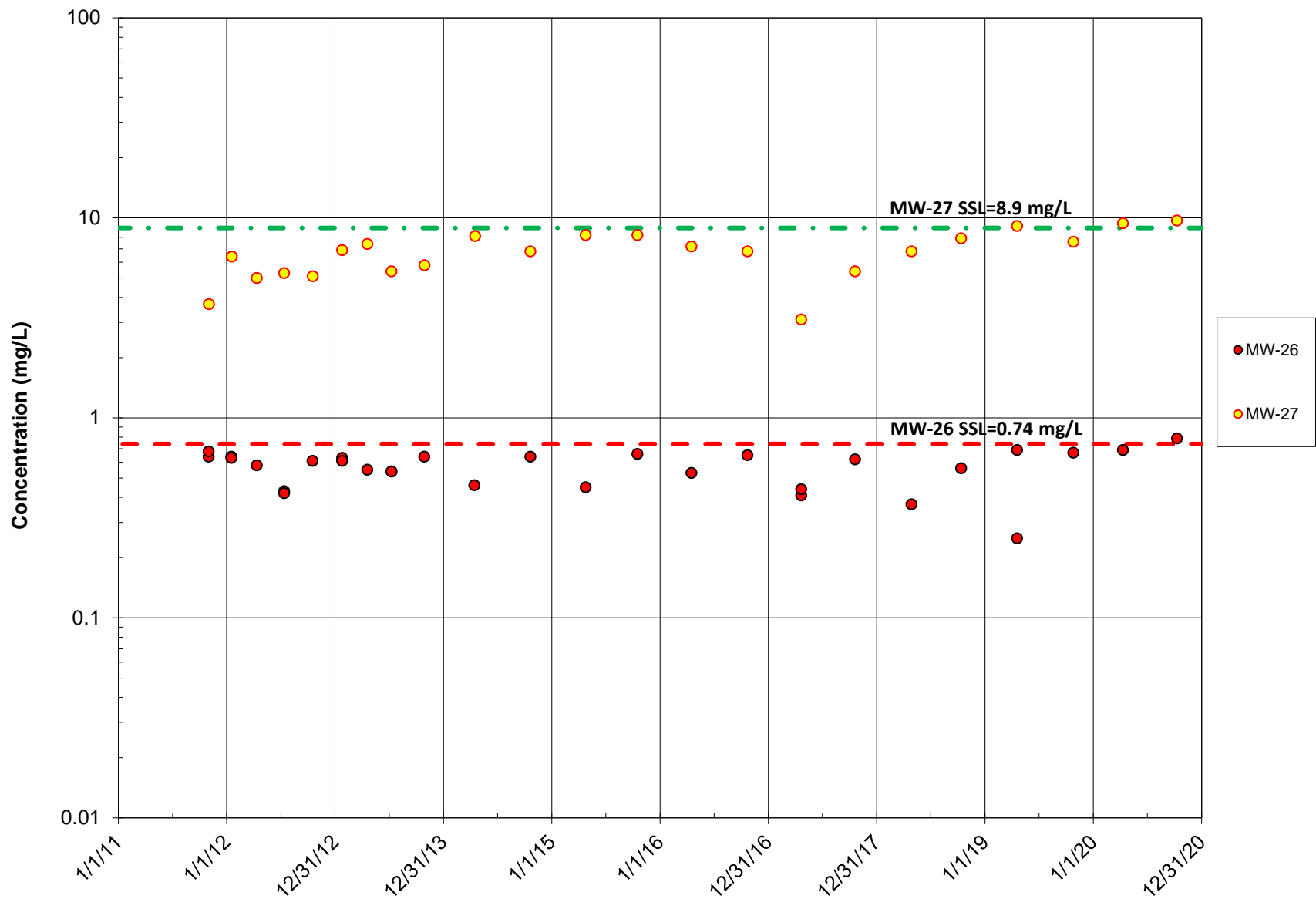
Coffin Butte Landfill East-Side Wells: Iron



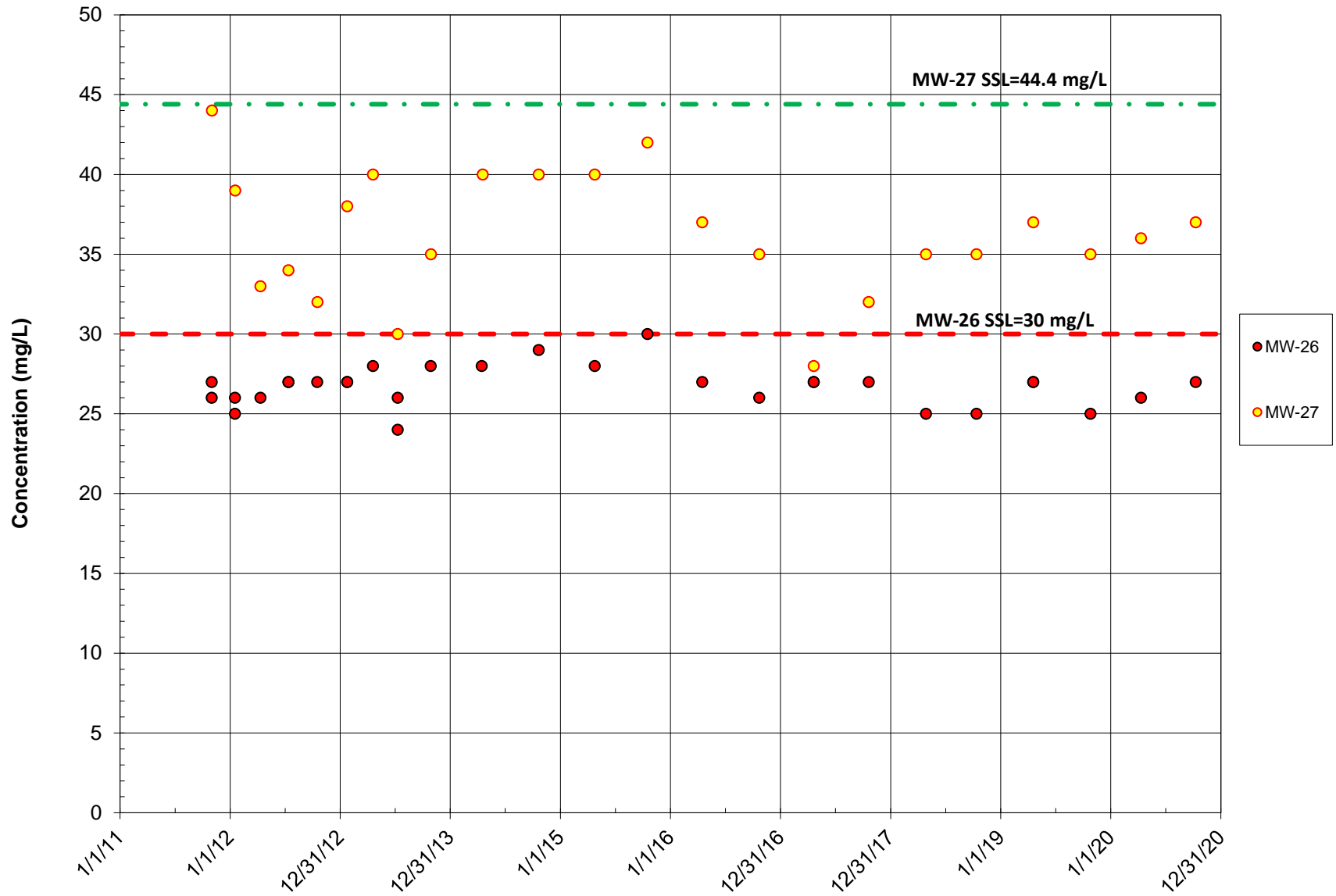
Coffin Butte Landfill East-Side Wells: Magnesium



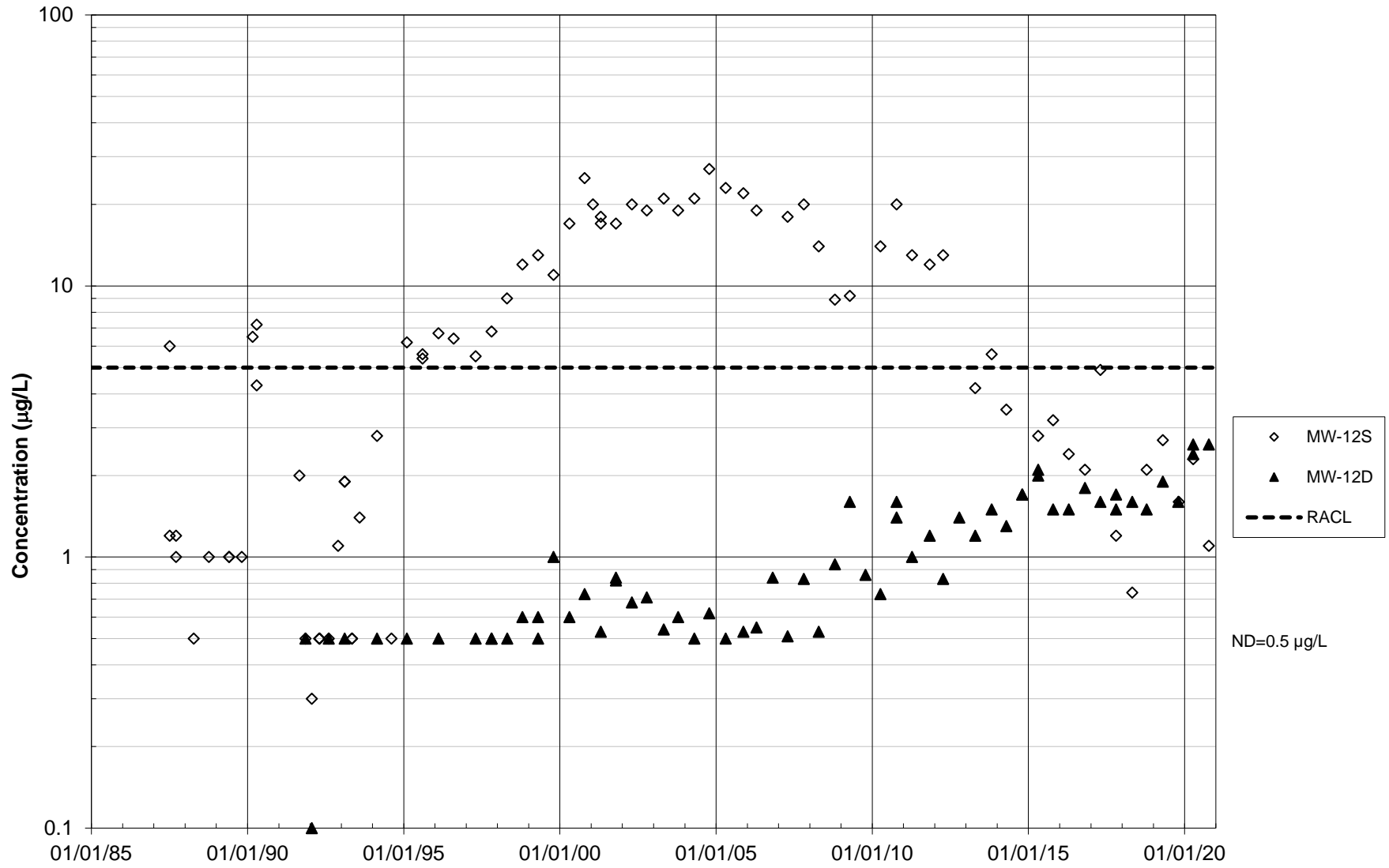
Coffin Butte Landfill East-Side Wells: Manganese



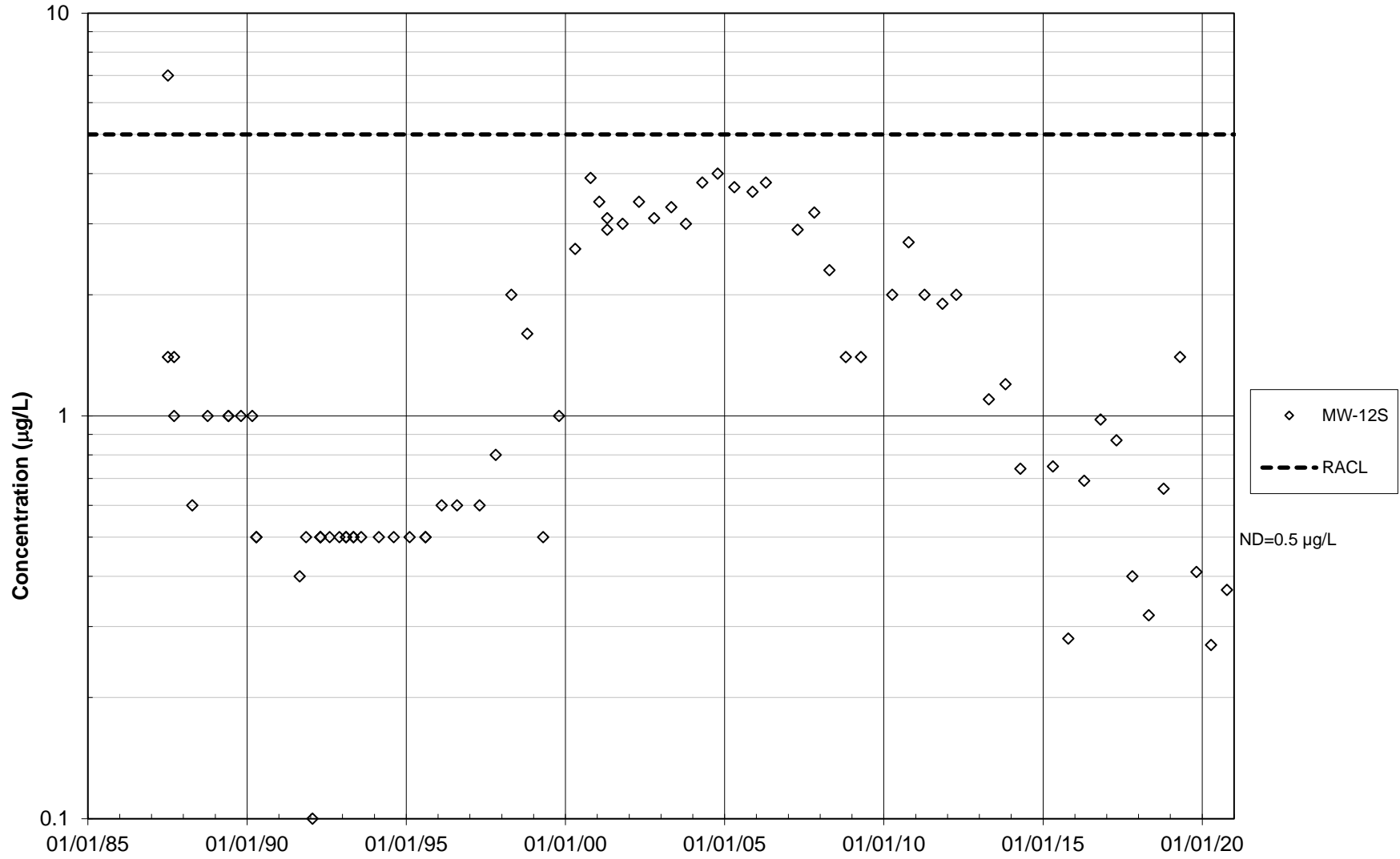
Coffin Butte Landfill East-Side Wells: Sodium



Coffin Butte Landfill
MW-2S/12S and MW-2D/12D: PCE



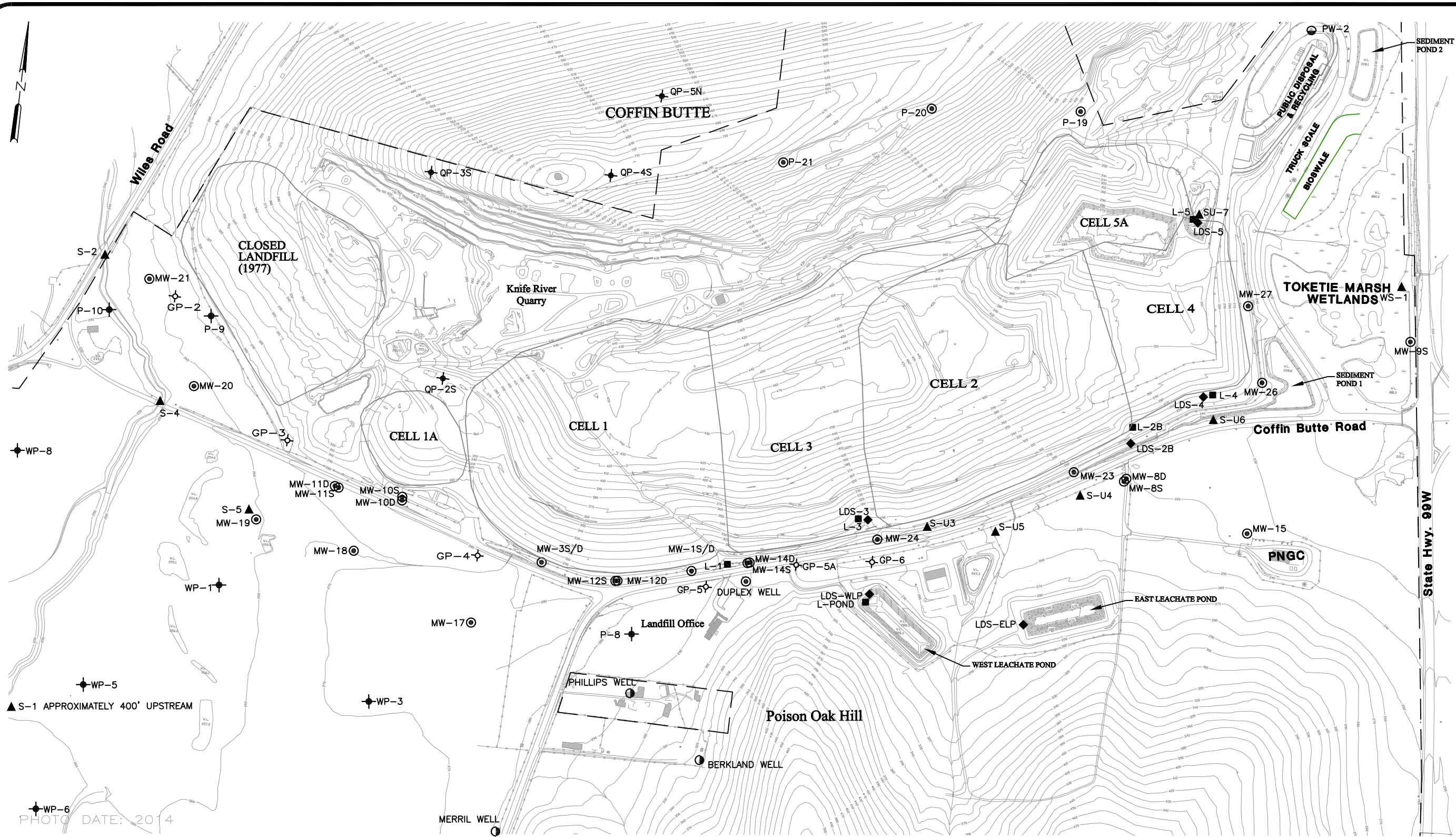
Coffin Butte Landfill
MW-2S and MW-12S: TCE



APPENDIX B

SITE MAP AND WELL LOCATIONS

June 26th, 2014
D:\Tuppan\Coffin Butte\Site Map and Monitoring Locations 2014.dwg



- | | | | |
|---|-----------------------------|---|----------------------------------|
| ⊙ | MONITORING WELL/PIEZOMETER | ● | PRIVATE WELL |
| ⊕ | OBSERVATION WELL/PIEZOMETER | ■ | LEACHATE SUMP |
| ⊖ | LANDFILL WATER SUPPLY WELL | ◆ | LEAK DETECTION SYSTEM |
| ⊗ | GAS PROBE | ▲ | SURFACE WATER MONITORING STATION |



Tuppan Consultants LLC
 460 Second Street, Suite 103
 Lake Oswego, Or 97034
 Ph. 503.675.1335

DATE 6-26-14
 DWN GRH
 APP _____
 REV _____
 PROJECT NO.
 VLI-001-005

FIGURE 2-1
 COFFIN BUTTE LANDFILL
 BENTON COUNTY, OREGON
Site Map and Monitoring Locations

PHOTO DATE: 2014

APPENDIX C

CERTIFICATE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
06/26/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER CANNON COCHRAN MANAGEMENT SERVICES, INC. 17015 N. SCOTTSDALE RD SCOTTSDALE, AZ 85255	CONTACT NAME:		
	PHONE (A/C No.Ext):	FAX (A/C No.Ext):	
E-MAIL ADDRESS: certificateteam@ccmsi.com			
INSURED REPUBLIC SERVICES, INC. 18500 N. ALLIED WAY PHOENIX, AZ 85054	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: ACE American Insurance Co.		22667
	INSURER B: Indemnity Insurance Company of NA		43575
	INSURER C: ACE Fire Underwriters		20702
	INSURER D: Illinois Union Insurance Company		27960
	INSURER E: ACE Property and Casualty Insurance Co		20699
INSURER F:			

COVERAGES

CERTIFICATE NUMBER: 1745400


REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			HDO G71450892	06/30/2020	06/30/2021	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 5,000,000 MED EXP (Any one person) PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS -COMP/OP AGG \$ 5,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED ONLY <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED ONLY			ISA H25305425	06/30/2020	06/30/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY(Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
E	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			G46782148-004	06/30/2020	06/30/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B A A C D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WLR C67458424 AOS WLR C67458382 AZ/CA/MA/OR SCF C67458461 - WI WCU C67458503 - OH XS TNS C66948560 - TX NSXS	06/30/2020 06/30/2020 06/30/2020 06/30/2020	06/30/2021 06/30/2021 06/30/2021 06/30/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 3,000,000 E.L. DISEASE -EA EMPLOYEE \$ 3,000,000 E.L. DISEASE -POLICY LIMIT \$ 3,000,000
	Contractor's Pollution Liability:			See page 2 for details	06/30/2020	06/30/2021	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Division Number: 4125 - Named Insured Includes: Valley Landfills, Inc. - DbA: Coffin Butte LF

CERTIFICATE HOLDER Benton County, Oregon, Chairman of the Board of Commissioners 408 SW Monroe Avenue, Suite 111 PO Box 3020 Corvallis, OR 97339-3020 United States	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	--



ADDITIONAL REMARKS SCHEDULE

AGENCY		NAMED INSURED	
POLICY NUMBER See First Page		REPUBLIC SERVICES, INC. 18500 N. ALLIED WAY PHOENIX, AZ 85054	
CARRIER See First Page	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

CERTIFICATE NUMBER: 1745400

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM.

FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

The following provisions apply when required by written contract. As used below, the term certificate holder also includes any person or organization that the insured has become obligated to include as a result of an executed contract or agreement.

GENERAL LIABILITY:

Certificate holder is Additional Insured including on-going and completed operations when required by written contract.
 Coverage is primary and non-contributory when required by written contract.
 Waiver of Subrogation in favor of the certificate holder is included when required by written contract.

AUTO LIABILITY:

Certificate holder is Additional Insured when required by written contract.
 Coverage is primary and non-contributory when required by written contract.
 Waiver of Subrogation in favor of the certificate holder is included when required by written contract.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY:

Waiver of Subrogation in favor of the certificate holder is included when required by written contract where allowed by state law.

Stop gap coverage for ND, WA and WY is covered under policy no. WLR C67458424 and stop gap coverage for OH is covered under policy no. WCU C67458503, as noted on page 1 of this certificate.

TEXAS EXCESS INDEMNITY AND EMPLOYERS LIABILITY:

Insured is a registered non-subscriber to the Texas Workers Compensation Act. Insured has filed an approved Indemnity Plan with the Texas Department of Insurance which offers an alternative in benefits to employees rather than the traditional Workers Compensation Insurance in Texas. The excess policy (#TNS C66948560) shown on this certificate provides excess Indemnity and Employers Liability coverage for the approved Indemnity Plan.

Contractual Liability is included in the General Liability and Automobile Liability coverage forms. The General Liability and Automobile Liability policies do not contain endorsements excluding Contractual Liability.

Separation of Insured (Cross Liability) coverage is provided to the Additional Insured, when required by written contract, per the Conditions of the Commercial General Liability Coverage form and the Automobile Liability Coverage form.

The Umbrella/Excess Liability policy is follow form over the General Liability, Automobile Liability and Employer's Liability policies shown on this certificate.

Insurer Affording Pollution Coverage - Tokio Marine Specialty Insurance Co. (NAIC # 23850) Policy No. PPK2145182

Contracting Operations Environmental Liability - \$10,000,000 Per Contamination Incident/\$10,000,000 General Aggregate
 Professional Liability - \$10,000,000 Per Incident/\$10,000,000 General Aggregate

Optional Credits (For increased certification level)

Waste

NOTES

- 1 Establish a dedicated printer to be stocked with old fax paper or other paper used on one side.
- 2 A designated equipment reuse area is in place, such as for office supplies, furniture, electronics, etc.
- 3 Participate in or start a reusable office supply exchange program
- 4 Purchase at least two materials in bulk (please list materials):

- 5 Adopt sustainable catering practices with your vendors
- 6 Surplus items, such as furniture, electronics and supplies are donated to charitable organizations.
High-efficiency electric hand dryers are used in restrooms rather than paper towels or paper products that replace
- 7 tri-fold towels are present.
- 8 Modular carpet tiles are used so damaged areas can be replaced as needed.
- 9 Bottled water is phased out for clients and staff.
- 10 Business cards and other promotional prints that you purchase are made with recycled content.
- 11 At least one of the following is recycled: glass, motor oil, paint, cooking oil, wood scraps/pallets
- 12 Eliminate Styrofoam and cardboard box lunches at meetings.
- 13 Use of a coffee machine that doesn't require single-use pods made from aluminum or plastic.
- 14 Meeting agendas are never printed unless requested.
- 15 Adjust waste service levels to meet business needs
- 16 Sharpie on fridge to label food with name and date
- 17 Compost coffee grounds
- 18 Meeting room guidelines (doors, lights, temp, provided durables, washing expectations)
- 19 Reuse packing materials
- 20 Use and distribute reuse directory
- 21 Know where they can take reusable and non reusable materials
- 22 If using paper towels, choose Roll style paper towels, which are more efficient than tri fold style
- 23 Discuss waste reduction options with two or more vendors.
- 1.11 Paperless receipts, invoicing, billing or payroll are utilized/or offered in order to reduce paper use.
- 1.12 Reusable dishware is used in day-to-day operations and at catered events
- 1.14 Reusable cleaning towels are available instead of paper towels.

Water

- 25 Use leak tablets or food coloring to detect toilet leaks regularly. If detected, document and fix leaks.
- 26 Installation of low flow toilets (must be in building built prior to 1993)
- 27 Install faucet aerators in bathrooms and kitchens
- 28 Post "Dump no grease down drain" signs in kitchens
- 29 Place screens in sink drains
- 30 Install low-flow shower heads
- 31 Use front loading washing machines (with energy star label)
- 32 Uses environment-safe biodegradable cleaning products for washing vehicles
- 33 Maintains a regular sweep schedule of parking lot.
- 34 Materials and equipment stored outside are elevated, covered, and bermed to prevent polluted runoff.
- 35 Spill kit is readily available and staff is trained on what to do in the event of a spill.
- 36 Outdoor receptacles are provided for cigarette butt disposal if smoking is common.
Parking areas and loading docks are kept free of litter and oil drips and containers or signage discourages littering.
- 37
- 38 The majority of landscaping is native and drought tolerant.
- 39 Reduce irrigation frequency and avoid watering during the hottest times of the day and on windy days
- 40 Use drip irrigation and/or soaker hoses instead of broadcast spray sprinklers
- 41 Incorporate sustainability into landscaping contract
- 42 Implementation of hydro-zoning (grouping of plants with similar water needs).
- 43 Prohibit use of antibacterial agents for cleaning (prevent antibacterial resistance)
- 44 Wash your drains
- 45 Use grease traps
- 46 Watering only vegetation (not over-watering on the sidewalks)
- 47 Bio-swales and rain-gardens
- 48 Sweep parking lots quarterly – not washing
- 49 Wash cars over landscaped surfaces instead of parking lots to help filter water through soil

Energy

- 50 Programmable thermostats are installed and set back when a space is unoccupied.
- 51 Appliances and vending machines are ENERGY STAR® certified.
"Smart" power strips are used at workstations that have three or more peripherals (monitor, printer, speakers,
- 52 etc.).
- 53 Exterior lighting is LED and/or dark sky friendly.
Occupancy sensors or timers are used for lighting in a storage room, offices, restrooms, and other common rooms.
- 54
- 55 Lighting is dimmed or turned off when adequate sunlight is available.
- 56 Janitorial services are scheduled during business hours.
- 57 Window film blinds and/or fans are used in the summer to reduce A/C load.
- 58 Renewable energy is purchased (e.g. Blue Sky)

A baseline energy audit has been completed within the last three years to assess efficiency upgrade opportunities.

59

60 Doors are weather-sealed.

61 Emergency EXIT lights use LED bulbs.

62 Use of a solar water heater or preheater.

63 Use of on-demand water heater

Building utility-use data has been entered into Energy Star Portfolio Manager.

64 <https://www.energystar.gov/buildings/tools-and-resources/portfolio-manager-0>

65 Attain LEED EB status (Leadership in Energy and Environmental Design- Existing Building)

66 Generate renewable energy onsite

67 Conduct an Energy Audit with the Energy Trust of Oregon of building use and goals with plug load audits.

68 Participating in clean energy program through Pacific Power or Northwest Natural

69 LEDs are used throughout the intensive-use lighted areas

70 Timers are being used for lights

71 "Please turn off the lights" Signs/sticker are placed over all primary light switches

72 Office Equipment goes into Sleep mode

73 Office equipment is Energy Star certified

74 APS/Power strips that turn off automatically based on the motion sensor

75 For monitors and all peripherals (nothing that would be bad to have turned off)

76 Cuts power based on the detecting power from a main component as an option

77 Refrigeration Temp checks regularly

78 Keep fridge full

79 Clean coils of refrigerator regularly (Annually?)

Maintaining space around the refrigerator– hot air needs to come out - per the manufacturers recommendations

80

82 Annually check for Leaks in a building envelope

83 Attic penetrations have been sealed

84 Skylights have been checked for leaks and sealed

85 Gaskets behind every exterior wall and light switch

86 Doors have been checked for leaks – door sweeps and gaskets installed

87 Fans are prioritized over open windows

88 Glaze or shade outside of south facing windows to reduce window heat

89 AC units have RTU/AC Economizer, which has been confirmed to be working properly

90 Senses the outside temp differential, and blows colder air from outside until outside air is warmer

91 At least annual maintenance on AC system

92 Adjust heating and cooling timing twice a year for the season

93 Find the Best temp for day and night

94 Clean bathroom fans regularly

95 Clean registers

96 Signage at main entrances/exits "Keep this door shut", "hey you, close the roll up door!"

97 Ducts have been sealed and insulated

98 Energy Star/ energy efficient equipment cooking appliances

99 Clean vent hood

100 Replacement water heater?

101 Instant hot water heater

102 Pipes insulated

103 Keeping solar panels clean?

104 Energy Trust Information provided to employees

3.3 Interior lighting is energy-efficient (T8, T5 or LEDs) OR there is an active plan for replacement/upgrades.

Purchasing

105 Rechargeable batteries are used for the office instead of disposable batteries.

106 Non-toxic, low-VOC office supplies, such as white out, whiteboard pens, etc. are used.

Transportation

107 Incentives are provided for employees to choose public transit, alternative transportation or carpooling.

108 Teleconference and video conference technologies are prioritized over in-person meetings.

109 Employees can telecommute (work remotely from home).

Employees participate in a commute challenge annually, like the Bike More Challenge or the Oregon Drive Less

110 Challenge.

112 Bike parking or lockers are available.

Alternative transportation or alternative fuels are used, including bikes, zero emissions vehicles, and biodiesel-

113 powered fleets.

114 Electric vehicle charging is available to customers and employees.

115 A "no idling" policy is promoted for motor fleet and vendors who deliver goods and services.

A Commuter Benefits Program exists to enable employees to use pre-tax deduction under IRS code 132(f) for

116 transit, vanpool or biking costs.

Business Culture

Maintenance of a centralized location or other system for employees to find information on sustainability-related
117 resources.

118 Sustainability-related information and accomplishments are communicated to customers.

119 Have had one or more current employees participate in the Master Recycler class.

120 Worksite is tobacco free.

121 Employees have access to health and wellness fairs.

122 Employees receive paid time to volunteer in their community.

Community Engagement

Business sponsors or participates in another annual community event that promotes sustainability within your
123 community.

Business sponsors or participates in another annual community event that promotes social justice, equity, and
124 inclusion within your community.

INDUSTRY SPECIFIC

Food Service specific

An employee is assigned to perform and document periodic walk-throughs of your hazardous materials storage,
maintenance, and engineering areas to identify old or unused chemical products and to dispose of them safely.

125 Examples products include pesticides and floor cleaners.

126 Over-prepped food is utilized in or used to create new dishes.

127 Menu items are rotated based on seasonal availability.

128 Unbleached deli sheets and pastry bags are used.

Working with the manufacturer to see if dishwasher spray heads can be replaced with more efficient heads without
129 invalidating the warranty.

130 Open refrigerated cases are covered at night.

131 Refrigerated case lighting is LED and/or equipped with motion sensors.

Ingredients are bought in bulk and packaged in unlined Kraft paper bags. Unlined paper bags can be recycled or
132 composted with food waste. Examples of suitable ingredients include flour and salt.

133 Worn-out or stained linens and uniforms are donated to thrift stores for recycling into other products or sale.

134 Specials are listed on a chalk/whiteboard or shared verbally rather than printed.

135 Sustainable catering practices are offered to customers (minimal packaging, buffet style serving, etc.).

136 Sustainability practices are communicated to customers (through menus, website, etc.).

137 There are incentives to customers who bring their own shopping bag, coffee mug, etc.

138 Motion sensors and/or LED lights are in display coolers.

139 Single-use plastic bags are not used.

140 Seafood certified by the Marine Stewardship Council or Seafood Watch is always available to customers.

Educate staff and require that all non-essential lighting, equipment and machines be turned off after business
141 hours.

142 Turn off exhaust hoods when associated appliances are off.

143 Serve water only upon request.

144 Purchase minimum of 10% of food products from locally grown/produced sources.

145 Switch to reusable coasters instead of napkins (or use no coasters at all).

146 Eliminate paper placemats and paper liners; trays are sanitized after each use.

F51 Food waste from kitchen and dining are collected for composting

Breweries

125 Utilize a filtration process that does not use diatomaceous earth (DE).

126 Work with vendors to minimize and/or take back non-recyclable product packaging where possible.

127 Purchase cans and bottles with post-consumer recycled content.

128 Require cleaning/sanitizing product suppliers take back empty containers.

129 Package beer in cans, kegs, and/or growlers rather than glass bottles.

Retail

Open/closed sign is either LED or not electric (annual energy costs savings for an LED open/closed sign could save
125 up to \$140 per sign)

126 Customers are offered a paperless option for receipts.

127 Business works with vendors to reduce packaging or to take back pallets and other packaging that is not recyclable.

128 Customers receive a discount if they bring their own bags, coffee cup, etc.

129 At least 10% of inventory is purchased from local sources (250-mile radius businesses).

130 Chemical and aerosolized fresheners are not used.

131 30% or more of marketing materials are online or in applications.

132 There is an active plan to reuse, upcycle or donate items returned as defective.

Buy-back programs or upcycling programs are promoted to encourage new sales with a trade-in of old products
133 that can be recycled, reused, or donated

For salons, check if you are a green circle member or participate in other programs to recycle hair clippings, foil,
134 etc.

135 Company buys and promotes products with natural materials, ethical practices, fair trade, etc.

Auto Industry

- 125 Insulate boilers and hot water pipes.
- 126 Replace standard motors with variable frequency drives (VFD) on boilers, HVAC, compressors, and/or pumps.
- 127 Use non-chlorinated brake and parts cleaner.
- 128 Eliminate or reduce chemicals with a flash point of 140 degrees Fahrenheit or less.
- 129 Use an aqueous parts washer and dispose of waste correctly.
- 130 Use refillable spray cans
- 131 Participate in Eco Power or other oil recycling programs with third party certifications.
- 132 Inflate all shop and customer tires to recommended pressure.
- 133 Develop "green driving tips" and proper vehicle preventative maintenance checklists for customers.
- 134 Provide staff with ongoing education and training on hybrid and alternative fuel vehicle maintenance.
- 135 Prohibit the use of chlorinated solvents.
- 136 Purchasing re-refined antifreeze.
- 137 Program to purchase re-refined crankcase oils and/or lubricants.
- 138 Shop uses only HVLP (high volume, low pressure), air-assisted airless, or electrostatic spray guns.
- 139 VOC-compliant coatings/paint used in shop.
- 140 You have a closed loop water treatment system for process water that you generate on site.

Hospitality (includes overlap with food service)

- An employee is assigned to perform and document periodic walk-throughs of your hazardous materials storage, maintenance, and engineering areas to identify old or unused chemical products and to dispose of them safely.
- 125 Examples products include pesticides and floor cleaners.
 - 126 Bulk-dispensed shampoo and other amenities are provided in guests' rooms.
 - 127 Chemical and aerosolized fresheners are not used.
 - 128 Shower heads meet Water Sense criteria of 2.0 gpm or less.
 - 129 Pool and/or hot tub heaters are ENERGY STAR®-certified or solar thermal technology is used.
 - 130 Guest TVs and refrigerators are ENERGY STAR®-certified.
 - 131 At least 25% of all menu items include ingredients that are organic and/or produced within 250 miles.
 - 132 Over-prepped food is utilized in or used to create new dishes.
 - 133 Food waste is tracked regularly and assessed to improve ordering, storage, and prep processes.
 - 134 Menu items are rotated based on seasonal availability.
 - 135 Unbleached deli sheets and pastry bags are used.
- Check with the manufacturer to see if dishwasher spray heads can be replaced with more efficient heads without invalidating the warranty.
- 136 invalidating the warranty.
 - 137 In a conveyor type washer, ensure that water flow stops when there are no dishes in the machine.
 - 138 Practices and devices for fat, oil and grease management are in place and regularly maintained
 - 139 To-go service ware and/or receipts are only provided when requested.
 - 140 Cooking equipment has a startup and shutdown schedule posted.
 - 141 Food is not served or packaged in polystyrene foam containers.
 - 142 Open refrigerated cases are covered at night.
 - 143 Refrigerated case lighting is LED and/or equipped with motion sensors.
 - 144 Receiving areas, loading docks, and parking areas are kept free of litter, oil drips, and debris.
- Ingredients are bought in bulk and packaged in unlined Kraft paper bags. Unlined paper bags can be recycled or composted with food waste. Examples of suitable ingredients include flour and salt.
- 145 Worn-out or stained linens and uniforms are donated to thrift stores for recycling into other products or sale.
 - 146
 - 147 Specials are listed on a chalk/whiteboard or shared verbally rather than printed.
 - 148 Sustainable catering practices are offered to customers (minimal packaging, buffet style serving, etc.).
 - 149 Sustainability practices are communicated to customers (through menus, website, etc.).
 - 150 40% or more of cooking equipment is ENERGY STAR® qualified, or active plans to replace as needed.
 - 151 There are incentives to customers who bring their own shopping bag, coffee mug, etc.

Childcare

- 125 Playground equipment and toys do not contain PVC finishes.
- Millwork and built-in furniture is free of urea-formaldehyde and uses zero-VOC finishes and adhesives.
- 126
- 127 Ceiling tile in learning and play areas is a high recycled content and a high noise reduction coefficient (NRC).
- 127 Use of non-toxic techniques inside and outside of the facility to prevent and control pests (both insects and weeds). If a serious threat remains and pesticide application is the only viable option, parents and staff are notified in advance and a licensed professional applies the least toxic, effective product at a time when children will have the least exposure to the application
- 128 least exposure to the application
- 129 Toys are screened for lead by searching www.cpsc.gov.
- Furniture is made of solid wood or low-VOC (Volatile Organic Compounds) products, with few items made of particleboard. When purchasing furniture or renovating, choose either solid wood (new or used) or products that have low VOCs are purchased.
- 130 have low VOCs are purchased.

- 131 No permanently installed carpeting where children are present.
Area rugs are vacuumed daily and cleaned at least twice a year and as needed using fragrance-free, 3rd party certified cleaners.
- 132 certified cleaners.
- 133 Only non-toxic art supplies approved by the Art and Creative Materials Institute are used.
- 134 Use of products labeled "PVC-free" or "phthalate-free".
No playground equipment made of CCA treated wood (pre-2004) — or — if applicable, application of 2 coats of waterproof stain or sealant at least once a year.
- 135 waterproof stain or sealant at least once a year.
- 136 Serve 10% of meals and snacks with organic product.
- 137 40% or more of our meals are cooked from scratch.
There is a door mat at all outside entrances and encourage the wiping of shoes before entering, or people remove shoes prior to going indoors.
- 138 shoes prior to going indoors.
There is a policy for staying up-to-date on recalled toys and immediately removing recalled toys from our inventory.
- 139
- 140 Solar tubes to enhance natural classroom light are installed.
- 141 A learning garden is in place and soil augmented with food waste from classrooms.
- 142 Teachers model sustainable practices and recycling as part of the daily routine.

Optional Credits (For increased certification level)

Waste

NOTES

- 1 Establish a dedicated printer to be stocked with old fax paper or other paper used on one side.
- 2 A designated equipment reuse area is in place, such as for office supplies, furniture, electronics, etc.
- 3 Participate in or start a reusable office supply exchange program
- 4 Purchase at least two materials in bulk (please list materials):

- 5 Adopt sustainable catering practices with your vendors
- 6 Surplus items, such as furniture, electronics and supplies are donated to charitable organizations.
High-efficiency electric hand dryers are used in restrooms rather than paper towels or paper products that replace
- 7 tri-fold towels are present.
- 8 Modular carpet tiles are used so damaged areas can be replaced as needed.
- 9 Bottled water is phased out for clients and staff.
- 10 Business cards and other promotional prints that you purchase are made with recycled content.
- 11 At least one of the following is recycled: glass, motor oil, paint, cooking oil, wood scraps/pallets
- 12 Eliminate Styrofoam and cardboard box lunches at meetings.
- 13 Use of a coffee machine that doesn't require single-use pods made from aluminum or plastic.
- 14 Meeting agendas are never printed unless requested.
- 15 Adjust waste service levels to meet business needs
- 16 Sharpie on fridge to label food with name and date
- 17 Compost coffee grounds
- 18 Meeting room guidelines (doors, lights, temp, provided durables, washing expectations)
- 19 Reuse packing materials
- 20 Use and distribute reuse directory
- 21 Know where they can take reusable and non reusable materials
- 22 If using paper towels, choose Roll style paper towels, which are more efficient than tri fold style
- 23 Discuss waste reduction options with two or more vendors.
- 1.11 Paperless receipts, invoicing, billing or payroll are utilized/or offered in order to reduce paper use.
- 1.12 Reusable dishware is used in day-to-day operations and at catered events
- 1.14 Reusable cleaning towels are available instead of paper towels.

Water

- 25 Use leak tablets or food coloring to detect toilet leaks regularly. If detected, document and fix leaks.
- 26 Installation of low flow toilets (must be in building built prior to 1993)
- 27 Install faucet aerators in bathrooms and kitchens
- 28 Post "Dump no grease down drain" signs in kitchens
- 29 Place screens in sink drains
- 30 Install low-flow shower heads
- 31 Use front loading washing machines (with energy star label)
- 32 Uses environment-safe biodegradable cleaning products for washing vehicles
- 33 Maintains a regular sweep schedule of parking lot.
- 34 Materials and equipment stored outside are elevated, covered, and bermed to prevent polluted runoff.
- 35 Spill kit is readily available and staff is trained on what to do in the event of a spill.
- 36 Outdoor receptacles are provided for cigarette butt disposal if smoking is common.
Parking areas and loading docks are kept free of litter and oil drips and containers or signage discourages littering.
- 37
- 38 The majority of landscaping is native and drought tolerant.
- 39 Reduce irrigation frequency and avoid watering during the hottest times of the day and on windy days
- 40 Use drip irrigation and/or soaker hoses instead of broadcast spray sprinklers
- 41 Incorporate sustainability into landscaping contract
- 42 Implementation of hydro-zoning (grouping of plants with similar water needs).
- 43 Prohibit use of antibacterial agents for cleaning (prevent antibacterial resistance)
- 44 Wash your drains
- 45 Use grease traps
- 46 Watering only vegetation (not over-watering on the sidewalks)
- 47 Bio-swales and rain-gardens
- 48 Sweep parking lots quarterly – not washing
- 49 Wash cars over landscaped surfaces instead of parking lots to help filter water through soil

Energy

- 50 Programmable thermostats are installed and set back when a space is unoccupied.
- 51 Appliances and vending machines are ENERGY STAR® certified.
"Smart" power strips are used at workstations that have three or more peripherals (monitor, printer, speakers,
- 52 etc.).
- 53 Exterior lighting is LED and/or dark sky friendly.
Occupancy sensors or timers are used for lighting in a storage room, offices, restrooms, and other common rooms.
- 54
- 55 Lighting is dimmed or turned off when adequate sunlight is available.
- 56 Janitorial services are scheduled during business hours.
- 57 Window film blinds and/or fans are used in the summer to reduce A/C load.
- 58 Renewable energy is purchased (e.g. Blue Sky)

A baseline energy audit has been completed within the last three years to assess efficiency upgrade opportunities.

59

60 Doors are weather-sealed.

61 Emergency EXIT lights use LED bulbs.

62 Use of a solar water heater or preheater.

63 Use of on-demand water heater

Building utility-use data has been entered into Energy Star Portfolio Manager.

64 <https://www.energystar.gov/buildings/tools-and-resources/portfolio-manager-0>

65 Attain LEED EB status (Leadership in Energy and Environmental Design- Existing Building)

66 Generate renewable energy onsite

67 Conduct an Energy Audit with the Energy Trust of Oregon of building use and goals with plug load audits.

68 Participating in clean energy program through Pacific Power or Northwest Natural

69 LEDs are used throughout the intensive-use lighted areas

70 Timers are being used for lights

71 "Please turn off the lights" Signs/sticker are placed over all primary light switches

72 Office Equipment goes into Sleep mode

73 Office equipment is Energy Star certified

74 APS/Power strips that turn off automatically based on the motion sensor

75 For monitors and all peripherals (nothing that would be bad to have turned off)

76 Cuts power based on the detecting power from a main component as an option

77 Refrigeration Temp checks regularly

78 Keep fridge full

79 Clean coils of refrigerator regularly (Annually?)

Maintaining space around the refrigerator– hot air needs to come out - per the manufacturers recommendations

80

82 Annually check for Leaks in a building envelope

83 Attic penetrations have been sealed

84 Skylights have been checked for leaks and sealed

85 Gaskets behind every exterior wall and light switch

86 Doors have been checked for leaks – door sweeps and gaskets installed

87 Fans are prioritized over open windows

88 Glaze or shade outside of south facing windows to reduce window heat

89 AC units have RTU/AC Economizer, which has been confirmed to be working properly

90 Senses the outside temp differential, and blows colder air from outside until outside air is warmer

91 At least annual maintenance on AC system

92 Adjust heating and cooling timing twice a year for the season

93 Find the Best temp for day and night

94 Clean bathroom fans regularly

95 Clean registers

96 Signage at main entrances/exits "Keep this door shut", "hey you, close the roll up door!"

97 Ducts have been sealed and insulated

98 Energy Star/ energy efficient equipment cooking appliances

99 Clean vent hood

100 Replacement water heater?

101 Instant hot water heater

102 Pipes insulated

103 Keeping solar panels clean?

104 Energy Trust Information provided to employees

3.3 Interior lighting is energy-efficient (T8, T5 or LEDs) OR there is an active plan for replacement/upgrades.

Purchasing

105 Rechargeable batteries are used for the office instead of disposable batteries.

106 Non-toxic, low-VOC office supplies, such as white out, whiteboard pens, etc. are used.

Transportation

107 Incentives are provided for employees to choose public transit, alternative transportation or carpooling.

108 Teleconference and video conference technologies are prioritized over in-person meetings.

109 Employees can telecommute (work remotely from home).

Employees participate in a commute challenge annually, like the Bike More Challenge or the Oregon Drive Less

110 Challenge.

112 Bike parking or lockers are available.

Alternative transportation or alternative fuels are used, including bikes, zero emissions vehicles, and biodiesel-

113 powered fleets.

114 Electric vehicle charging is available to customers and employees.

115 A "no idling" policy is promoted for motor fleet and vendors who deliver goods and services.

A Commuter Benefits Program exists to enable employees to use pre-tax deduction under IRS code 132(f) for

116 transit, vanpool or biking costs.

Business Culture

Maintenance of a centralized location or other system for employees to find information on sustainability-related
117 resources.

118 Sustainability-related information and accomplishments are communicated to customers.

119 Have had one or more current employees participate in the Master Recycler class.

120 Worksite is tobacco free.

121 Employees have access to health and wellness fairs.

122 Employees receive paid time to volunteer in their community.

Community Engagement

Business sponsors or participates in another annual community event that promotes sustainability within your
123 community.

Business sponsors or participates in another annual community event that promotes social justice, equity, and
124 inclusion within your community.

INDUSTRY SPECIFIC

Food Service specific

An employee is assigned to perform and document periodic walk-throughs of your hazardous materials storage,
maintenance, and engineering areas to identify old or unused chemical products and to dispose of them safely.

125 Examples products include pesticides and floor cleaners.

126 Over-prepped food is utilized in or used to create new dishes.

127 Menu items are rotated based on seasonal availability.

128 Unbleached deli sheets and pastry bags are used.

Working with the manufacturer to see if dishwasher spray heads can be replaced with more efficient heads without
129 invalidating the warranty.

130 Open refrigerated cases are covered at night.

131 Refrigerated case lighting is LED and/or equipped with motion sensors.

Ingredients are bought in bulk and packaged in unlined Kraft paper bags. Unlined paper bags can be recycled or
132 composted with food waste. Examples of suitable ingredients include flour and salt.

133 Worn-out or stained linens and uniforms are donated to thrift stores for recycling into other products or sale.

134 Specials are listed on a chalk/whiteboard or shared verbally rather than printed.

135 Sustainable catering practices are offered to customers (minimal packaging, buffet style serving, etc.).

136 Sustainability practices are communicated to customers (through menus, website, etc.).

137 There are incentives to customers who bring their own shopping bag, coffee mug, etc.

138 Motion sensors and/or LED lights are in display coolers.

139 Single-use plastic bags are not used.

140 Seafood certified by the Marine Stewardship Council or Seafood Watch is always available to customers.

Educate staff and require that all non-essential lighting, equipment and machines be turned off after business
141 hours.

142 Turn off exhaust hoods when associated appliances are off.

143 Serve water only upon request.

144 Purchase minimum of 10% of food products from locally grown/produced sources.

145 Switch to reusable coasters instead of napkins (or use no coasters at all).

146 Eliminate paper placemats and paper liners; trays are sanitized after each use.

F51 Food waste from kitchen and dining are collected for composting

Breweries

125 Utilize a filtration process that does not use diatomaceous earth (DE).

126 Work with vendors to minimize and/or take back non-recyclable product packaging where possible.

127 Purchase cans and bottles with post-consumer recycled content.

128 Require cleaning/sanitizing product suppliers take back empty containers.

129 Package beer in cans, kegs, and/or growlers rather than glass bottles.

Retail

Open/closed sign is either LED or not electric (annual energy costs savings for an LED open/closed sign could save
125 up to \$140 per sign)

126 Customers are offered a paperless option for receipts.

127 Business works with vendors to reduce packaging or to take back pallets and other packaging that is not recyclable.

128 Customers receive a discount if they bring their own bags, coffee cup, etc.

129 At least 10% of inventory is purchased from local sources (250-mile radius businesses).

130 Chemical and aerosolized fresheners are not used.

131 30% or more of marketing materials are online or in applications.

132 There is an active plan to reuse, upcycle or donate items returned as defective.

Buy-back programs or upcycling programs are promoted to encourage new sales with a trade-in of old products
133 that can be recycled, reused, or donated

For salons, check if you are a green circle member or participate in other programs to recycle hair clippings, foil,
134 etc.

135 Company buys and promotes products with natural materials, ethical practices, fair trade, etc.

Auto Industry

- 125 Insulate boilers and hot water pipes.
- 126 Replace standard motors with variable frequency drives (VFD) on boilers, HVAC, compressors, and/or pumps.
- 127 Use non-chlorinated brake and parts cleaner.
- 128 Eliminate or reduce chemicals with a flash point of 140 degrees Fahrenheit or less.
- 129 Use an aqueous parts washer and dispose of waste correctly.
- 130 Use refillable spray cans
- 131 Participate in Eco Power or other oil recycling programs with third party certifications.
- 132 Inflate all shop and customer tires to recommended pressure.
- 133 Develop "green driving tips" and proper vehicle preventative maintenance checklists for customers.
- 134 Provide staff with ongoing education and training on hybrid and alternative fuel vehicle maintenance.
- 135 Prohibit the use of chlorinated solvents.
- 136 Purchasing re-refined antifreeze.
- 137 Program to purchase re-refined crankcase oils and/or lubricants.
- 138 Shop uses only HVLP (high volume, low pressure), air-assisted airless, or electrostatic spray guns.
- 139 VOC-compliant coatings/paint used in shop.
- 140 You have a closed loop water treatment system for process water that you generate on site.

Hospitality (includes overlap with food service)

- An employee is assigned to perform and document periodic walk-throughs of your hazardous materials storage, maintenance, and engineering areas to identify old or unused chemical products and to dispose of them safely.
- 125 Examples products include pesticides and floor cleaners.
 - 126 Bulk-dispensed shampoo and other amenities are provided in guests' rooms.
 - 127 Chemical and aerosolized fresheners are not used.
 - 128 Shower heads meet Water Sense criteria of 2.0 gpm or less.
 - 129 Pool and/or hot tub heaters are ENERGY STAR®-certified or solar thermal technology is used.
 - 130 Guest TVs and refrigerators are ENERGY STAR®-certified.
 - 131 At least 25% of all menu items include ingredients that are organic and/or produced within 250 miles.
 - 132 Over-prepped food is utilized in or used to create new dishes.
 - 133 Food waste is tracked regularly and assessed to improve ordering, storage, and prep processes.
 - 134 Menu items are rotated based on seasonal availability.
 - 135 Unbleached deli sheets and pastry bags are used.
- Check with the manufacturer to see if dishwasher spray heads can be replaced with more efficient heads without invalidating the warranty.
- 136 invalidating the warranty.
 - 137 In a conveyor type washer, ensure that water flow stops when there are no dishes in the machine.
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 - 151 There are incentives to customers who bring their own shopping bag, coffee mug, etc.

Childcare

- 125 Playground equipment and toys do not contain PVC finishes.
- Millwork and built-in furniture is free of urea-formaldehyde and uses zero-VOC finishes and adhesives.
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- 127 Ceiling tile in learning and play areas is a high recycled content and a high noise reduction coefficient (NRC).
- 127 Use of non-toxic techniques inside and outside of the facility to prevent and control pests (both insects and weeds). If a serious threat remains and pesticide application is the only viable option, parents and staff are notified in advance and a licensed professional applies the least toxic, effective product at a time when children will have the least exposure to the application
- 128 least exposure to the application
- 129 Toys are screened for lead by searching www.cpsc.gov.
- Furniture is made of solid wood or low-VOC (Volatile Organic Compounds) products, with few items made of particleboard. When purchasing furniture or renovating, choose either solid wood (new or used) or products that have low VOCs are purchased.
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Area rugs are vacuumed daily and cleaned at least twice a year and as needed using fragrance-free, 3rd party certified cleaners.
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There is a door mat at all outside entrances and encourage the wiping of shoes before entering, or people remove shoes prior to going indoors.
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- 140 Solar tubes to enhance natural classroom light are installed.
- 141 A learning garden is in place and soil augmented with food waste from classrooms.
- 142 Teachers model sustainable practices and recycling as part of the daily routine.



COMMUNITY DEVELOPMENT DEPARTMENT

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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

July 28, 2021 Minutes 6:30 pm to 8:00 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), Fred Penning, Linda Brewer (Vice Chair)

Absent: John McEvoy

Guests Present: Broc Kienholz, Ian Macnab, Julie Jackson, & Ken Larson (Republic Service Staff)

Benton County Staff Present: Greg Verret (Community Development Director), Daniel Redick (Solid Waste and Water Quality Coordinator), Jen Brown (Sustainability Program) & Linda Ray (Recorder)

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:50 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. Linda pointed out an edit on page 4 of the June 23rd minutes. The word “formerly” should read as “formally”. With that revision, John made a **MOTION** to accept the June 23rd minutes. Seconded by Larry, the minutes were unanimously approved.

State Legislation Update. The State Legislature is coming to a close. State Bill 582 (producer packaging responsibility bill) has been signed by the Senate President.

Materials Management Update. Daniel led the council by giving a brief update on the initiatives that gained interest at the last SWAC meeting.

The initiatives that have already taken action and need more feedback and support are;

- The Green Business Initiative. Daniel suggested that SWAC members review the list of requirements that businesses would need to meet and give their feedback at the next meeting.
- The Library of Things. When Daniel explored this initiative he met with the staff at the Library of Things. They were curious for feedback on other items that they should provide to the public. Daniel asked SWAC to look at the list they have available and bring feedback at the next meeting on additional items that would be beneficial for them to provide.

The following initiatives are not actively being developed and need SWAC’s feedback.

- Re-Use Center Repair Mall
- Restaurant Take-out Container Program
- Construction/Demo Task Force. The council discussed an opportunity to form a subcommittee to do more research on this initiative and help move it forward.

During the discussion, John gave feedback on a few initiatives:

- Green Girl needs someone to take over and lead the program.
- Reusable food take-out container. The Sustainability Coalition and Waste Prevention Action Team was interested before SWAC's discussion began on this topic and may be an important resource to reach out to. He also noted that the local restaurants need to be involved and that can be done by talking to the owners or polling them for feedback.
- Re-Use/Repair Mall. John stated that it would be beneficial to talk to Goodwill or Habitat For Humanity to find out what is working, what the gaps are and what items would benefit from the repair service.

Daniel closed the discussion by stating that he will send "homework" to the council to explore the initiatives and asked the council members to bring their feedback to the next meeting.

Solid Waste and Sustainable Materials Management Plan. Prior to the meeting, Daniel sent out a document (*Exhibit A*) that discussed the challenges and goals he sees as he develops the plan. Jay suggested moving the column labeled "challenge addressed" closer to the beginning of the chart so it flows better. He also asked why the year 2012 was chosen as the baseline that was established to compare the changes over the years. Daniel stated that it was a goal that was established at the state level (50% below 2012 levels). Fred asked if population increase is a factor in the statewide goal for waste reduction. Daniel responded that the goal is not per capita, but by total generation. If Benton County were to attain that goal, the county would need to reduce total waste generation to around 78,000 tons of waste by 2025. It can be realistic if there is an initiative and tools to work with. State Legislation can also impact what waste generation looks like in 2025.

Julie emphasized using those state wide goals as a guideline since she had experience working on committees that developed these goals. They were referred to as "aspirational goals". John stated that without doing waste audits, SWAC could be more strategic about the goal by looking at each waste stream and projection of reducing it. Looking at it more analytically may help the council make better decisions on achieving the goal of waste reduction by the year 2025. He suggested that "per capita" as a measurement would be beneficial. Daniel noted that he has the per capita information laid out and can give SWAC updates at future meetings. Daniel's next steps will be to take this feedback and lay out goals and strategies to meet those goals in the plan and address the challenges. Once goals and strategies are in place, Daniel will draft a report for SWAC to review. He will come back to the group with more data, analysis and sections of the plan for more feedback. The report will help guide where the plan is headed.

John emphasized the importance of reaching out to stakeholders and to make the plan as inclusive as possible. It would also create a sense of buy-in or ownership for the stakeholders, which would help encourage their involvement in the future.

As Daniel develops the plan, he will include language that builds an argument for the initiatives and data associated with each initiative. Daniel will also include wording that addresses the challenges around each initiative and ways to work through them.

The council gave feedback that the "main objective" listed in the Plan may be better stated as the "goal". Daniel is working to include in the plan an explanation of greenhouse gas emissions and the reasoning behind each tactic, which will be displayed in a "life cycle" with supporting data.

Member Requests. Debi asked if Republic Services could provide safety vests and tools for smaller groups that want to do litter pick-up in the county. Julie will follow up with Debi after the meeting on this request. Debi also addressed the topic of food waste and construction waste and wants to see the stakeholders aware of their interest in these issues. Daniel sees a lot of potential collaboration with the City of Corvallis Sustainability Coordinator on these initiatives.

Julie gave an update of the progress taking place with the Secure Load Campaign that was implemented this year at Coffin Butte Landfill. Since February of this year, 268 people were charged for not securing their loads. There has been some negative feedback from the public, but overall there has been improvement. Broc has noticed there is less litter along the highway by the landfill and more community members are taking precautions in securing their loads when transporting them.

The meeting was adjourned at 8:00 pm.

EXHIBIT A

Goals, Strategies, and Challenges – Solid Waste Management Plan DRAFT

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
<i>I. Reduce greenhouse gas emissions and other environmental impacts across material lifecycles</i>					Benton County		High Greenhouse Gas Emissions and Environmental Impact Across the lifecycle of materials
	1. Decrease waste generation to 15% below 2012 levels for the years 2025-2049 (78,445 tons). Incremental goals (to meet the 2050 goal below): 20% below 2012 levels by 2030, 25% below 2012 levels by 2035, 30% below 2012 levels by 2040, 35% below 2012 levels by 2045. After 2050, the statewide generation goal is 40% below 2012 levels (55,373 tons).			Waste Generation in Tons (Recycled + Disposed)	Benton County		High volume of waste materials generated

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
		Waste Prevention					High volume of preventable waste are added to the waste stream
			a. Certification Programs <ul style="list-style-type: none"> - Green Business Certification Initiative - Oregon Green Schools 	Number of businesses participating, self-reported lbs/tons waste prevented	Benton County;	Corvallis Sustainability Coalition; Republic Services; Corvallis School District; Alsea School District; Philomath School District; Oregon Green Schools;	High volume of preventable waste from businesses
			b. No Food Left Behind	Estimated households, students, and individuals reached	Corvallis Sustainability Coalition (Lead);	Benton County	High volume of edible food waste generated
			c. Food Waste Donation/Prevention resources for food service businesses from Health Inspectors	Number of businesses provided with resources from health inspectors	Benton County		High volume of edible food waste generated
			d. ReUse Resources <ul style="list-style-type: none"> - Loan/Borrow/Rent programs <ul style="list-style-type: none"> o Library of Things 	Lbs of materials reused, Number of reused items/instances	Benton County;	Corvallis Benton Library; Oregon State University	Reusable materials are added to the waste stream

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
			<ul style="list-style-type: none"> ○ Reusable To-Go Containers - Pre-owned material sales 				
			e. Textile waste prevention Education/Outreach Campaign	Number of people reached via outreach	Benton County;	Oregon DEQ;	High volume of clothing disposed
			f. Construction and Demolition (C&D) policy options for C&D waste prevention <ul style="list-style-type: none"> - Permit requirements 	Number of people reached via webpage	Benton County;	Municipalities;	High volume of recoverable C&D waste in landfill
		Extended Producer Responsibility (EPR)	a. Support implementation of new State legislation regarding EPR (SB 582)		Oregon DEQ (Lead);	Benton County; Republic Services	Lack of durable/low waste material options for consumers
	2. Increase waste recovery rate to 44% by 2025 (SB 263)						High volume of recoverable wastes are added to the waste stream
		Composting					High volume of compostable organic materials disposed in the landfill stream
			a. Education/Outreach campaign to increase organics collection services provided	Number of residential and business customers with organics collection services	Republic Services (Lead);	Benton County;	Low participation in curbside organics collection (62% of residential customers)

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
			b. Commercial food waste recovery ordinance/requirement/ other policy options	Amount of commercial food waste recovered annually	Benton County;	Republic Services;	Low participation in curbside organics collection (62% of residential customers)
			c. Compost Food Waste Education/Outreach Campaign	Number of people reached via outreach, tons composted	Republic Services (Lead);	Benton County;	Low public participation in composting food waste
			d. Certification Programs <ul style="list-style-type: none"> - Green Business Certification Initiative - Oregon Green Schools 	Number of businesses participating, self-reporting lbs/tons composted	Benton County;	Corvallis Sustainability Coalition; Republic Services; Corvallis School District; Alsea School District; Philomath School District; Oregon Green Schools;	High volume of compostable food waste from businesses
			e. Cost incentives for businesses food waste collection	Number of residential and business customers with organics collection services	Republic Services;	Benton County;	Cost for businesses to participate in food waste composting service is prohibitive to business participation.
		Recycling					High volume of recyclable materials are disposed in the landfill stream

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
			a. Education/Outreach campaign to increase recycling services provided	Number of residential and business customers with recycling services	Republic Services (Lead);	Benton County;	Low participation in curbside recycling (75% of residential customers)
			b. Certification Programs <ul style="list-style-type: none"> - Green Business Certification Initiative - Oregon Green Schools 	Number of businesses participating, self-reporting lbs/tons recycled	Benton County;	Corvallis Sustainability Coalition; Republic Services; Corvallis School District; Alesia School District; Philomath School District; Oregon Green Schools;	High volume of recyclable materials from businesses in the landfill stream
			c. E-cycles Education/Outreach Campaign	Number of people reached via outreach, e-waste tons recovered	Republic Services (Lead);	Benton County;	Low public participation in e-waste recycling
			d. Increased information and resources on webpage	Number of people reached via webpage	Benton County;		High volume of recoverable C&D waste in landfill with little public information about resources and options
			e. C&D recovery options	Tons of C&D material recovered	Republic Services (Lead);	Benton County;	High volume of recoverable C&D waste in landfill

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
		Extended Producer Responsibility (EPR)	a. Support implementation of new State legislation regarding EPR (SB 582)		Oregon DEQ (Lead);	Benton County;	Lack of recyclable material options for consumers
	3. Reduce litter and debris	Roadside Litter Prevention	a. Covered and Secured Loads initiative	Number of people charged at increased rate (uncovered/unsecured load)	Republic Services (Lead);	Benton County;	Roadside Litter and Debris from uncovered and unsecured loads
			b. Dump Stoppers Initiative	Volume/Weight of material disposed, Number of properties participated	Benton County	Republic Services	Illegally dumped material negatively impacting environment
		Roadside Litter Disposal	c. Quarterly Clean-Ups (Republic Services)	Volume/weight of waste collected	Republic Services (Lead);	Benton County;	Large amount of Roadside Litter and Debris along highway 99 adjacent to landfill
			d. Adopt-A-Road program	Volume/weight of waste collected	Benton County;		Large amount of Roadside Litter and Debris on county roads (independence highway)
<i>II. Ensure solid waste and materials management program</i>	1. Ensure solid waste services and resources are equitable and accessible		a. Offer Recycling Depots and HHW events in key locations to provide greater geographic distribution	Number of residents using satellite services	Republic Services (Lead);	Benton County; Municipalities	Some resources and services are concentrated in the Corvallis area, limiting accessibility to County

Objective	Goal	Strategy	Tactic	Measurement	Lead	Contributors	Challenge Addressed
<i>processes are effective</i>							residents living further away
			b. targeting information to under-utilizing segments of the community		Benton County;	Republic Services	Some information is less accessible to under-utilizing segments of the community
	2. Adjust to changes in waste management, including regulations, technology, and public preferences		a. Design program initiatives to be adaptable	Term and effectiveness of initiatives	Benton County;		Programs which cannot adapt may become ineffective with changing conditions
	3. Secure adequate funding for solid waste and materials management initiatives		a. Request funding through the biennial budget process, and through other funding sources as needed	Amount of program funding compared to program needs/costs	Benton County;		Funding is needed for each program initiative
	4. Develop partnerships to help meet program objectives		a. Develop partnerships to help meet program objectives	Number of program partners engaged	Benton County;	Other partners	Various agencies and organizations are involved with existing or planned initiatives
<i>III. Ensure public service in solid waste services</i>	1. Ensure franchisee is responsive and provides service to the public		a. Work with franchisee to address community member concerns	Number of concerns from the public addressed	Republic Services (Lead);	Benton County;	Some community member concerns reaching county staff may need to be addressed by the franchisee



COMMUNITY DEVELOPMENT DEPARTMENT

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BENTON COUNTY

Solid Waste Advisory Council (SWAC)

August 25, 2021 Minutes 6:00 pm to 7:30 pm

Members Present: John Deuel, Larry Sleeman, Debi Gile, Jay Simpkins (Chair), Fred Penning, Linda Brewer (Vice Chair) & John McEvoy.

Guests Present: Broc Kienholz, Ian Macnab, Julie Jackson, & Ken Larson (Republic Service Staff)

Community Members: Doug Pollock, Kevin Kenaga, Nancy Whitcombe, Paul Nietfeld, Joel Geier, Ken Edwardsson, Cliff & Wendy Adams

Benton County Staff Present: Greg Verret, Daniel Redick, & Linda Ray

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:00 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of the Minutes. John Deuel made a **MOTION** to approve the July 28, 2021 minutes. Seconded by Larry, all in favor, **MOTION** passed.

Solid Waste Management Plan. Daniel previously shared an overview of the Solid Waste Management Plan with SWAC members and asked for feedback. Highlights of that discussion were as followed:

- The calculations included in the Plan for the landfill capacity and lifespan are sensitive to density and reflects that the estimated landfill capacity has decreased by half over the last seven years. The capacity is a reflection of increased tonnage of the past 3-5 years. The reported overall life span fluctuates in the landfill's annual report.
- There are no governing policies regarding the acceptance of out-of-county waste at the landfill. Coffin Butte is a regional landfill operated by Republic Services and the amount of out-of-county waste accepted is not determined by the state or county.
- There was clarification of the difference between the terms "waste disposal" and "waste generation" that was mentioned in the Solid Waste Management Plan. Daniel clarified that waste generation includes both the disposal of waste and recycling.

Citizen Comments. Several members of the public joined the meeting with specific interest in the Coffin Butte Conditional Use Permit application to expand the landfill. Highlights of those are comments are as follows;

- Joel Geier (neighbor of Coffin Butte landfill) expressed disappointment that a recommendation was made by SWAC in support of the landfill expansion to the Benton County Planning Commission without full understanding of the location and details of the

application. [Staff clarified that it was DSAC (not SWAC) that passed the motion to support the application at their July meeting.] Linda Brewer replied by addressing the actions of the Council and letter of support for the landfill expansion that was sent to the BOC. She recognized and apologized that she and the Council acted without complete knowledge of the information in the application for the landfill expansion. She expressed the possibility of another letter drafted by SWAC and sent to the BOC in response to better understanding of the application.

- The county is required to take action on any land use application submitted within 150 days of submission. The applicant in this case extended that time period by 45 days to allow for additional time. Greg stated that the applicant will make modifications to the application and once that is re-submitted, the time frame will be adjusted. The Planning Commission public hearing is not scheduled until the revisions to the re-submitted application are completed.
- Nancy Whitcombe (resident of Tampico Road) pointed out that Oregon State Statute suggests that DSAC is meant to be comprised by residents (or property owners) adjacent to or near the landfill. Greg responded he will have a conversation with the County Attorney for his input on the state statute. He went on to explain that the County bylaws for DSAC state that the committee should attempt to be comprised of residents near or adjacent to the landfill.
- Nancy Whitcombe expressed concern that there are no guidelines in place when making recommendations regarding the landfill. She suggested that DSAC has a dedicated meeting on this matter to take in neighbors comments.
- Nancy Whitcombe also pointed out that the neighbors of Coffin Butte Landfill were notified of the application, but the timeframe in which they received the notice did not give them sufficient time to review the application.
- Doug Pollock (neighbor of Coffin Butte landfill) expressed his concerns about the carbon impact and greenhouse gases that are generated by allowing other counties to bring waste to Coffin Butte Landfill. He would like Republic Services to take proactive steps to increase the price for other counties choosing to bring waste to Coffin Butte.
- Doug Pollock and Nancy Whitcombe both asked to view the revenue generated for Republic Services from the Coffin Butte Landfill. Julie Jackson replied that the revenue information is not provided publicly.
- A community member asked if Republic Services reports all community complaints to SWAC/DSAC. Broc Keinholz responded that all complaints are reported to SWAC/DSAC and to DEQ.
- Kevin Kenaga (concerned neighbor) gave a brief history on the landfill and stated that it is located in the Forest Conservation zone. He also pointed out that historical documents state that the landfill is “allowed but discouraged”.
- Joel Geier pointed out that the requested property for the potential expansion is a completely new zone with little knowledge of the geology and is essentially a new dump site and not an expansion.
- Nancy Whitcombe asked if the plan was to close Coffin Butte Road and cover it with waste. Julie Jackson stated that at this time, decisions have not been made on the plans for expansion.
- Nancy Whitcombe also expressed concern about closing Coffin Butte Road and the possible issues that emergency services may face in the road changes. Nancy went on to address the council regarding their actions in sending in a letter of support of this application to the Planning Commission without discussion about emergency preparedness or before holding a public forum to gain perspective from neighbors of Coffin Butte Landfill.

- Julie Jackson stated that Republic Services will hold a virtual public meeting before the Planning Commission meeting to gain feedback from neighbors and property owners affected by the landfill expansion.
- Doug Pollock expressed concern about his interactions with county staff and their neutrality with this application. Greg stated that county staff is neutral and that staff initiated discussion with the applicant about issues that could lead to denial of the application.
- Doug Pollock and Nancy Whitcombe both expressed frustration that the potential for closing Coffin Butte road is part of this application and not a separate approval.

Greg concluded the discussion by clarifying that the role of showing support for or against this application is the role of SWAC and not DSAC. His opinion is that is established because there is a member of Republic Services on DSAC, so that could be a conflict of interest. He also stated that SWAC has a broader scope of waste management in general which will bring that perspective to this consideration.

Members expressed their gratitude to the community members that were present and gave their feedback.

John Deuel made a **MOTION** to adjourn the meeting, seconded by Linda Brewer, the meeting ended at 7:42 pm.

BENTON COUNTY
Solid Waste Advisory Council (SWAC)
October 13, 2021 Minutes 6:30 pm to 8:00 pm

Members Present: John Deuel, Debi Gile, Jay Simpkins (Chair).

Members Dismissed: *John McEvoy was excused from the meeting due to ex parte. John is on the Planning Commission and will be involved in the landfill CUP going before the commission in November.*

Members Absent: Larry Sleeman, Fred Penning & Linda Brewer

Republic Services: Julie Jackson, Jim Hutchinson, Broc Keinholtz, Ian McNab, & Kenny Larson

Benton County Staff Present: Greg Verret, Daniel Redick, & Linda Ray

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:43 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.* There was not a quorum at this SWAC meeting, therefore no voting could take place.

Coffin Butte Landfill Expansion. Republic Services staff presented the application for the landfill expansion to the SWAC members. See Exhibit A attached that includes the slideshow shared by Republic Services. Ian McNab, Environmental Manager for Republic Services presented an overview of the revised proposal in response to community feedback. Ian shared a map on screen that details the proposed northern road that will avoid impacts on Tampico Road. This revision of the proposal for flow of traffic would be to use Robison Road to Hwy 99. It would also provide better access for residents and emergency vehicles. This proposal also eliminates concerns about improving Tampico Road. Coffin Butte Road would be used by landfill and quarry traffic (as a private road). Ian also shared the proposal for expansion in regards to allowing more usage of the quarry that is being used by Knife River. The Conditional Use Permit will help preserve the rock resource.

Traffic currently using Coffin Butte Road was initially planned to be re-routed to the southern route using Tampico Road but after consideration from public feedback, the applicant now proposes to use a northern route via Robison Rd to Hwy 99. After widening and paving Robison and Wiles Roads, it will also benefit the neighboring community and reduce truck traffic along Tampico road. Julie Jackson announced that a virtual town hall meeting will be hosted by Republic Services on October 20th at 6pm.

Responses from SWAC,

- John Deuel asked for information on how Republic Services promotes waste reduction and waste prevention. Julie shared about changing the permit at the Pacific Regional Compost site (PRC) as one resource for reducing waste. Since 2010 they have taken all food waste including protein and dairy. They worked with DEQ to get the permit. The compost site is the largest in the state. 120,000 yards of compost a year is produced at the PRC. Republic Services donates 400-500 yards of that material to community gardens. Republic Services has also been involved in the recent legislation that was signed into law as the “Plastics Pollution and Modernization act”. This law goes into effect in March of 2025.
- Jay asked what the life span of the landfill would be if the application is not improved. Ian replied that the life span would be roughly 19 years. He noted that if rock is left in quarry it would reduce the lifespan more.
- Jim Hutchinson pointed out that if the quarry is not used it will take additional years off the lifespan of the landfill.
- Jay reiterated that SWAC is supposed to help provide landfill services to the county as long as possible. He emphasized that once Coffin Butte is closed, Benton County’s waste will be shipped to Eastern Oregon.

Jay asked for clarification on how the lock box works on Robison road in an emergency. Ian stated that only Republic Service staff and emergency services would have access to that lock box.

Julie Jackson noted that the Adair Fire Chief found that the new revised proposal for traffic for the landfill was no longer a safety issue since it included an alternative route to use Robison Road.

Citizen Comments:

- Mark Yeager is a resident of Soap Creek Valley and previous SWAC member. Mr. Yeager urged the council to explore alternatives for this expansion. He also suggested that the dump expansion be delayed to explore those other alternatives. Mr. Yeager asked SWAC to recommend denial of the application to the Planning Commission.
 - Kenneth Funk is a resident on Tampico Road. Mr. Funk raised his concern that any escaped leachate may affect water quality in his area. He also expressed concern regarding waste being brought in from other counties. He urged SWAC to disapprove the application.
 - Gina Flak is a resident near Coffin Butte and also has a small farm on her property that includes horses. She expressed concerns about the evacuation availability for residents and animals should a need arise.
 - Grant Carlin is a property owner located directly behind the proposed landfill expansion area. Mr. Carlin referred to Letter “F” on the applicant’s re-submittal and expressed concern about the issue of noise increase in the area. He would have liked to see an independent consultant perform the noise testing in that area.
 - Doug Pollock a local resident to the landfill addressed the proposal to vacate Coffin Butte Road. Mr. Pollock stated that the proposed alternative route is not an effective substitute. Mr. Pollock asked SWAC to make a recommendation against the proposed application for the Conditional Use Permit.
 - Nancy Higgins is a resident of the neighborhood near Coffin Butte. She expressed concern about the value and wildlife of the surrounding areas like; E.E. Wilson, McDonald Forest,
-

Dunn Forest, etc. Ms. Higgins asked that the SWAC members not support the Conditional Use Permit.

- Kevin Higgins is a resident of the neighborhood near Coffin Butte. Mr. Higgins expressed concern about the truck traffic on roadways and trash on side of the roads. Mr. Higgins recommended that SWAC not approve the application.
- Dorothy Balisok is a neighbor to the Coffin Butte landfill. Ms. Balisok agrees with her neighbors' statements and she shared her concerns about the safety of the neighborhood, water quality and wildlife. She also spoke to the longevity of the landfill and closing it once it is full. Ms. Balisok recommended that SWAC not approve the Conditional Use Permit.
- Kevin Kenaga a concerned citizen asked that SWAC not recommend an approval of the CUP application. Mr. Kenaga addressed the expansion as creating a new dump and that the bylaws require a public forum so that community members can give their testimonies prior to any recommendation by SWAC.
- Joel Geier is a neighbor to the Coffin Butte landfill. Mr. Geier addressed his concern that SWAC is made up of community members, but none of them live near the landfill. Mr. Geier prefers that the dump with its current capacity should close after that cap is met. Mr. Geier requested that SWAC disapprove the Conditional Use Permit.
- Nancy Whitcombe a resident of Coffin Butte Rd encouraged SWAC to look forward at where Benton County's garbage is going to go in the future. She asked SWAC not to approve this application in their recommendation to the Board of Commissioners.
- Joe Crockett, a community member, expressed that Coffin Butte road is a critical corridor east to west that crosses Hwy 99. Mr. Crockett is opposed to the landfill expansion.
- Kate Harris, neighbor on Soap Creek Valley Rd, stated that it would be a disservice to expand the landfill beyond the original plans. She noted that answers need to be found as to what the county will do when the landfill meets capacity and closes. She recommended that SWAC not approve this proposal.

After a brief discussion about scheduling, the SWAC will hold an emergency meeting so that members can all be present and make a recommendation to the Planning Commission regarding the landfill expansion.

The meeting adjourned at 8:47 pm

BENTON COUNTY
Solid Waste Advisory Council (SWAC)
October 19, 2021 Minutes 6:00 pm

Members Present: John Deuel, Debi Gile, Jay Simpkins (Chair), Linda Brewer (Vice Chair), Fred Penning, & Larry Sleeman

Members Excused: John McEvoy was excused from the meeting due to ex parte. John is on the Planning Commission and will be involved in the landfill CUP going before the Commission in November.

Benton County Staff Present: Daniel Redick & Linda Ray

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:30 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.* This emergency meeting was scheduled so all members of SWAC could weigh in on the decision to send a recommendation for or against the CUP application to expand the Coffin Butte landfill.

Coffin Butte Landfill Expansion Discussion. SWAC members discussed the land use permit LU-21-047; Coffin Butte Landfill expansion. Key points of that discussion are as follows;

- John Deuel asked if the landfill site development plan been updated since 2003 (projected to last 20-25 years). Planner Inga Williams stated that the site development plan is a requirement for Benton County code when they do an update. So it wouldn't be updated again unless this CUP is approved. A preliminary site plan has been submitted.
- John Deuel asked for clarification on what a regional landfill means. He would like to know who ultimately makes the decision on how much tonnage is accepted at the landfill. Daniel read off the definition of a regional disposal site (designation that the site makes itself). A regional disposal site receives or is designed to receive more than 75,000 tons of waste per year from outside the service district. There is no requirement under state law to accept a certain amount outside of the region or total. Benton County does not have any authority on how much or where the waste comes from that is accepted in to the landfill.
- Debi Gile noted that citizen comments that were heard at the October 13th SWAC meeting should be taken into consideration in SWAC's decision about any recommendations to the Planning Commission. Debi also stated that Republic Services has been compliant and responsive to citizen complaints. Debi stated that in hindsight, SWAC should have been part of the review process before the franchise agreement was voted on. It would have been a good opportunity to suggest ideas and hopes that is considered in the future.

- Linda Brewer stated that the conditional use permit to expand the landfill does not mean a new landfill is being developed. She also noted that landfill management is based on optimizing tonnage accepted in volume. The landfill cells that are established are interlinking and support each other. She also addressed the comments made by community members at the October 13th stating that the landfill should be closed. She reminded SWAC and community members of the significant rate increase if waste was to be shipped to Eastern Oregon, as well as the carbon footprint that would happen with trucks taking loads that distance. The tipping fee (cost of emptying the truck) would be twice of what it costs to dump trash at Coffin Butte.
- Fred Penning did some research on Valley Landfills prior to the meeting. He noted that very few counties can run their own landfills, so a regional landfill owned by a corporation is more effective. Fred also stated that the job of SWAC members is to advise the Planning Commission on this application and the economics of it are important.
- John Deuel stated that Benton County has an important opportunity with this conditional use permit application to raise the concern on the future of waste disposal after the landfill is at capacity and closed. He would like to see more focus on a strategy to reduce and prevent waste. He noted the importance of long term sustainability beyond Benton County rather than maintain status quo of a low fee. John suggested a delay in the action of the Planning Commission until there is discussion on waste prevention. He also emphasized the need for SWAC to do more research and have more information before making any recommendation. He would like to know more about the need and rationale to expand the landfill.
- Larry Sleeman stated that the issue that captures his attention the most is the percentage of waste coming from outside Benton County (88%). The application does not address this issue and Larry would like SWAC/DSAC to consider looking at how to regulate that percentage. Larry noted that the new proposal for traffic to use Robison Road addresses community members' concerns regarding safety.
- Jay Simpkins stated that artificially shortening the life of the landfill doesn't do Benton County any good. It reduces the length of time we can produce a viable solution. Jay emphasized to SWAC members that the council's job is to support the county as a whole. He encouraged SWAC members to consider the percentage of county residents that do not live near the landfill and the increase of taxes and rates going up in price. He also expressed the value in the consultants that were hired by Republic Services and how their findings support the application. Jay stated four options that he saw at hand;
 1. To recommend that the Planning Commission approve the landfill expansion application
 2. To recommend the Planning Commission to reject the landfill expansion application
 3. To ask for a delay in the process
 4. To do nothing.

Letter of Recommendation to the Planning Commission.

There was discussion about what to include in the letter of recommendation to the Planning Commission if the council members chose to do so.

John emphasized his position on making sure that there is a long-term strategic plan well after the Coffin Butte closure. Jay suggested including this concern as an important consideration by the Planning Commissioners when making a decision about the application. Larry followed up by stating that the work of SWAC and the Materials Management Sub Committee (Working Team) that

has been collaborating the past year on efforts to reduce waste and focus on prevention. The Working Team worked hard to find initiatives that support this effort. John followed up by stating that the letter should include information on high priority programs of policies and those initiatives the working team studied and suggested to support.

Fred Penning expressed his curiosity in regards to the difference in waste from other counties. Fred stated his support to approve the application, but requested that the comments and concerns that locals around the landfill have brought to SWAC's attention be included. Fred would also like the letter to include concern about traffic safety around the landfill.

Linda Brewer made a **MOTION** for the Solid Waste Advisory Council to make a recommendation to the Planning Commission regarding the Conditional Use Permit application submitted by Valley Landfills LLC. Larry Sleeman seconded the **MOTION**. **The MOTION passed 6-0.**

Linda Brewer made a **MOTION** to send a letter of recommendation to the Planning Commission in support of approving the application. The letter will also include a list of concerns and stipulations for that recommendation for approval. Larry Sleeman seconded the motion. **The MOTION passed 5-1.**

Continuing the discussion on what should be included in the letter of recommendation, the council members suggested the following;

- Jay sees the approval as a “stop gap” until county can develop strategic plan on the future of the landfill. He and John Deuel both recommended that the letter include a further look into the future of the landfill and the long-range plan on what to do after it is closed. There is a lack of strategic planning on the future for Benton County after the landfill reaches capacity. John would also like to see a set of policies implemented on reducing solid waste. John also shared several points on this topic;
 1. The County has a responsibility to develop a comprehensive long term plan and set of policies to address the impact of the closure of the landfill and reduction of solid waste.
 2. The county should conduct a comprehensive study of the current landfill tipping fees and benchmark against other landfills in Oregon and address the excessive amount of out of county waste being brought to Coffin Butte.

John stated his concern that there has been a lack of public input and lack of time to gather data to work on a comprehensive plan for the future of Coffin Butte.

The council members agreed that Linda Brewer would draft the letter of recommendation and would include concerns or suggestions by individual council members in that letter.

The final draft letter of recommendation and input by the council members are attached in Exhibit A.

SWAC members briefly discussed scheduling for the last SWAC meeting of the year. It will take place on Wednesday, December 1st.

The meeting adjourned at 8:46 pm.

ⁱ The role of SWAC is to advise the Board of Commissioners. The role of SWAC in this matter was to provide a letter of recommendation to the Planning Commission.



Community Development Department

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October 21, 2021

Benton County Planning Commission
360 SW Avery Ave.
Corvallis, OR 97333

Respected Commission Members:

On July 31, 2021, the members of the Benton County Disposal Site Advisory Council (DSAC) submitted a letter to you in support of an initial conditional use permit submitted by Republic Services which would expand the Coffin Butte Landfill and re-route traffic in the Soap Creek area of Benton County OR. In response to vigorous public outcry against our action, we engaged in two listening sessions with County residents most directly impacted by this proposed expansion. On Tuesday, 10/19/21, an extraordinary meeting of the SWAC was convened via GoToMeeting to discuss our response to a subsequent revision of the permit application LU-21-047.

The six members of the SWAC were present, as were Benton County employees Daniel Redick, the County's Solid Waste and Water Quality Coordinator and Inga Williams, Associate Planner. At times during the two-hour meeting, more than 50 members of the press and public were listening in.

The result was a re-affirmation of the SWAC's support of the revised application by a 5-1 vote on October 19. Many of the concerns of the member who voted in opposition are summarized in items 1 and 2 below.

The members of the SWAC recognize the legitimate concerns of the Tampico/Soap Creek Valley population. This portion of our population bears the brunt of the impact of their landfill neighbor. As they do so, the greater need of the County's population as a whole for a sanitary landfill resource is addressed. Concerns of the community surrounding the landfill include odors, noise, and the inconvenience of altered local traffic patterns.

In the matter of revised conditional use permit LU-21-047 submitted by Republic Services, the members of the Benton County Solid Waste Advisory Council support your approval of the conditional use permit with the following provisos:

1. Benton County should wisely use the 30-year stop-gap respite created by the conditional use permit to meaningfully anticipate and seek solutions for trash disposal in Benton County after the closure of Coffin Butte Landfill. There is a defined window of time for county leadership to plan without the demands of a crisis.

2. Likewise, Benton County leadership should use this respite period to attempt to meaningfully persuade other counties that contribute their waste to Coffin Butte to increase their recycling rates and reduce the amount of trash they deliver to our shared resource.

Without doubt, the members of the SWAC/DSAC would have benefitted had we been informed of this matter by Republic Services much earlier than late July 2021. All members agree that more timely public awareness of this matter and our own decision-making process would have benefitted from greater time for information gathering and sharing, discussion, and consideration. As it was, we spent considerable time correcting false impressions and back-filling the lack of information that caused great angst among the neighbors of the landfill.

Sincerely,

Members of Benton County Solid Waste Advisory Council

John (Jay) Simpkins III, Chair

Linda J. Brewer, Vice Chair

Fred Penning

John Deuel

Deborah Gile

Larry Sleeman

BENTON COUNTY
Solid Waste Advisory Council (SWAC)
December 1, 2021 Minutes 6:00 pm to 6:30 pm

Members Present: John Deuel, Debi Gile, Jay Simpkins (Chair), Linda Brewer (Vice Chair), Fred Penning, and Larry Sleeman

Members Dismissed: *John McEvoy was excused from the meeting due to ex parte. John is on the Planning Commission and will be involved in the landfill CUP going before the Commission in November.*

County Staff Members Present: Greg Verret, Daniel Redick & Linda Ray

Call to Order/Introductions. Chair Jay Simpkins called the meeting to order at 6:02 pm. *Due to the current health crisis with Covid-19, the council met via Go To Meeting (a virtual meeting platform) online.*

Approval of Minutes. There were 3 sets of minutes up for approval.

- **August 25th:** Linda suggested making a grammatical change on page 1, bullet point 1, She suggested the term “in half” be changed to “by half” in regards to the landfill expansion. John made a **MOTION** to accept the minutes with that correction. Seconded by Linda, the **MOTION** passed 6-0
- **October 13th:** Linda suggested changing the word “dump” wherever it was used in the minutes by replacing the word with “landfill”. Fred stated that the vernacular should be reflective of the choice of word used by the public or members. After a brief discussion, Linda withdrew her suggestion to make the word change. Linda made a **MOTION** to accept the minutes. Seconded by John, the **MOTION** passed 3-0 (*The October 13th meeting did not have a quorum, so only those members that attended voted in the decision to approve the minutes*).
- **October 19th:** Linda recommended a change in the minutes regarding a statement made by Fred in reference to SWAC’s recommendation concerning the application to expand the landfill. Fred referenced the Planning Commission in regards to the recommendation. SWAC is an advisory council to the Board of Commissioners, so the recommendation was intended for the BOC. After discussion, the decision was made for staff to draft language in the minutes to reflect that correction. John made a **MOTION** to accept the minutes with that change. Seconded by Linda, the **MOTION** was approved 6-0.

Citizen Comments.

Nancy Whitcombe spoke to the issue of waste being brought to Coffin Butte from other counties. She stated that if the application for expansion of the landfill is approved, then the historic cap on the amount of waste allowed to be deposited at Coffin Butte will be eliminated and the amount of waste received will increased substantially. She encouraged SWAC to change their recommendation of support for the landfill expansion.

Joel Geier stated that his application to fill a vacant seat on the SWAC is in process. He suggested several points of change he would like to see regarding SWAC. Among those, he suggested that a change in an agenda item that was titled "citizen" comment. He explained that it is not an inclusive term and does not reflect the correct terminology. Greg apologized to the attendees for the oversight in using incorrect language. He emphasized that the county as a whole is working towards changing language to reflect more diversity and inclusion. Going forward, the agenda item "citizen comments" will be changed to say "community member comments". Joel encouraged SWAC members to pursue conversations with contracted consultants and not solely rely on conversations with Republic Services regarding the landfill expansion. Joel mentioned that several community members are considering organizing a local Waste Management Cooperative and hopes that SWAC's engagement with that group when it comes to the franchise agreement will be productive.

Rana Foster submitted questions prior to the meeting and Linda Brewer was able to respond.

Ken Eklund expressed his concern about the methane cap at the landfill and how that would be affected if the application for expansion is approved. He would also like to see further discussion about the bulk of waste being shipped to Coffin Butte from outside Benton County. (Jay clarified that the term "methane" cap should be considered as "tonnage" cap.)

Kevin Kenaga shared his concern that SWAC should have had more information before making suggestions to support the expansion. Kevin asked that SWAC reconsider the approval on another basis regarding the proposal to close Coffin Butte Road. He noted that other agencies have expressed concern and caution to make sure the road is kept open.

Marge Popp stated that she is a concerned community member in opposition of the application. She urged SWAC to consider the testimonies given at the recent Planning Commission meetings regarding the expansion and change the decision to support the application.

Priya Tucker lives near the landfill and spoke to the impact of the landfill on her property and efforts to farm there. She requested that SWAC change the recommendation made to the BOC in support of the application and to reflect on the information that has been presented since that decision. She also expressed concerned that the public was not given sufficient time when the notice of application was sent out, nor the SWAC members before they made their decision.

Greg Storms referred to the landfills operating report and believes that the landfill will reach capacity in 16 years and the council should consider future decisions that will rise regarding closing the landfill.

John Deuel clarified that the letter of recommendation sent to the BOC included conditions that addressed several concerns that have been raised by community members.

The Solid Waste Collection Franchise Application Review - SWAC was sent this document the day of the meeting and members felt they needed more time to review the document and consider if SWAC should take any action. This item will be included on the January SWAC agenda for more discussion. Daniel clarified that the review is presented to SWAC so that they can make recommendations or suggestions to the BOC. It is not a requirement from SWAC to act on this review. John requested a copy of the agreement being negotiated and to allow SWAC more time for discussion. The Board of Commissioners will meet to discuss the application and make a decision in the coming weeks. So SWAC will not have sufficient time to review and make any recommendations. John made a formal request for a copy of the new collection franchise agreement. Daniel sent the current collection franchise agreement to SWAC just before the meeting, and will ask County Counsel about the new collection franchise agreement. Daniel said that the collection franchise agreement is intended to be revised in 2023 to line up with the Corvallis collection franchise agreement, and that County Counsel would be involved in that process. Daniel said he will check with County Counsel on how the timeline of the upcoming agreement will be arranged. Greg mentioned that SWAC members may provide feedback as individuals during the public hearing.

Solid Waste Management Plan. Daniel mentioned that the Solid Waste Management Plan was reviewed in previous SWAC meetings, and that the next stage of the plan development involves writing out the content based on data and examples of other plans. The next steps for feedback are to send detailed content to SWAC for review, send SWAC a draft of the plan, have opportunities for feedback from DEQ and the public, and then share the draft with the Board of Commissioners. Work on this plan to this point has included data analysis, which will be reviewed for accuracy. Joel Geier, a community member, asked if there has been input from independent expert consultants, and Daniel responded that the plan does not have input from independent consultants at this time, but includes stakeholder input. Greg mentioned that the plan will address next steps and identify needs for future technical consultation and public engagement. There may be future plans which address other details that are not addressed in this plan. Public engagement will be planned with input from the Public Information Officer. Some similar plans have public input periods of 30 days for feedback on completed published drafts. Staff intends for the plan to be revisited in 2025, but will also include some aspects of long-range planning.

Member Requests. Debi thanked Linda for the recommendation to attend the Association of Oregon Recyclers. She is encouraged by the efforts being done around the state to promote recycling. In regards to "Library of Things", Debi suggested that safety vests and tools for litter pick up around the county be made available for smaller groups that want to clean up. Julie Jackson responded that she would look into Republic Services getting involved to help with those supplies. Debi referred to the success of the recent "cover and secure your load" campaign by Republic Services and hopes to see the same efforts made towards food waste, construction materials, etc. Debi asked if the county is working with the City of Corvallis sustainability program in collaboration to reduce waste. Daniel reported that he has been working with the city towards that effort.

SWAC Members discussed the upcoming expiration of several member's terms. Larry Sleeman and John Deuel terms will be ending on December 31, 2021. Jay Simpkin's term ends on December 31, 2021 as well, but he expressed interest in continuing to participate as a member for an additional year if approved by the BOC.

Agenda items. Recruitment for the vacant positions on SWAC/DSAC. Election for the Chair and Vice Chair on both councils.