



# Benton County

## Solid Waste Advisory Council

January 24, 2018 Approved Minutes (7 pm – 8:30 pm)

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Members Present: Linda Brewer (Chair, City of Corvallis), Jay Simpkins (Benton County unincorporated area), Jeff Freeman (Vice-Chair, City of Corvallis), Larry Sleeman (City of Philomath), Lynne Neville, Jeff Morrell, Lauri Richer (Corvallis).

Members Excused: Chuck Kratch

Guests Present: Jenifer Stuber (Republic Services, Inc.), John Deuel (Oregon State University)

Staff Present: Xan Augerot, Gordon Brown, Bill Emminger, Paula Felipe (recorder)

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- I. **Call to Order** - The meeting was called to order at 6:30 pm by Chair Brewer. New member Lauri Richer representing City of Corvallis.
- II. **Citizen Comments** – “Glad to be here.”
- III. **Approval of November 29, 2017 SWAC Minutes - minutes were presented for approval. MOTION was made to approve November minutes, unanimously approved.**
- IV. **Election of Chair and vice Chair**

Chair Brewer said her time as chair is coming to an end, and current Vice Chair is Jeff Freeman. Freeman was nominated as the new Chair. Brief discussion took place on rotation criteria and term limits. Jeff Freeman was voted in as Chair unanimously. Larry Sleeman was nominated as Vice Chair; the vote was all in favor; Sleeman was voted in unanimously.
- V. **Coffin Butte Landfill Franchise Agreement Update.** The landfill franchise is 20 years at a time and comes due at the end of 2020. Time to talk about current franchise and what we want to see in the future. Xan said the County met with the legal firm that will represent County in negotiations with Republic. They discussed County’s interest and timeline and had a great tour of landfill with two attorneys. The goal is to have a draft agreement within a 12-month period. Xan said we want to have the time to address issues and be forward thinking on how best to manage the landfill from environmental standpoint. We also want to talk with other counties who host landfills and get the benefits of other’s experience. “We also want input from all of you. What issues do you see now and in future?” Among highlights discussed were:
  - Technology is changing and we need to look at cost structures and disincentives from a community member perspective. Gordon added the PRC has grown considerably in last 20 years; how is SWAC to address that and new technology.
  - The PRC is a regional facility and will be part of the new Franchise agreement, which could be close to capacity in 20 years. For now, talking about 20 year timeframe. Republic said 20 years’ timeline is recommended for capital improvement projects.
  - Goal: To have draft landfill agreement by end of 2018.
  - There will be public hearings and process.
  - Xan would like to see content-focused recommendations from the committee. What are recommended approaches to waste reductions and should we encourage more research, for

example. How to continue to develop our relationship with OSU and waste reduction and recycling?  
How to address the whole issue of expansion?

- Does this agreement address “other people’s garbage” so we don’t get “overloaded.” Brewer said Coffin Butte is permitted by DEQ as a regional landfill. Gordon said definition of regional landfill includes taking in 75,000 tons from out of County, which we already do. Benton, Linn, Lincoln, and Polk Counties are considered part of a region. In the future, the other regional landfill in NW Oregon will probably be closed in two years; then we would be the last remaining regional landfill in the most populous part of the State. Nearest one is Dry Creek or Columbia Ridge. Marion County has facility and still sends overflow here; and this will increase over next 20 years and should be addressed in new agreement. SWAC should look at other landfills closing in future and consider impact on landfill.
- Gordon said SWAC can provide a list of things they want addressed in the agreement to share with BOC: For examples: 1) Waste from out of region?; 2) pricing and tonnage; 3) make sure we preserve PRC and perhaps expand it; 4) say something about Materials Recovery Facility (MRF).
- Chair Brewer will send an email about brainstorming ideas. Bring ideas for next meeting. Republic Services added they are in talks with City of Adair where they have infrastructure we can tap into; might be good opportunity: we need a MRF that meets everyone’s needs. Linda said ‘don’t let the perfect stand in the way of the good.’

**VI. SWAC Terms:** Larry Sleeman said there are 3 positions in Corvallis and 3 in unincorporated Benton County, and currently we have 3 terms, which should end on different years (2018, 19, 20 (not the way it is now). Usually we don’t count a partial term. Four other positions: Philomath, Albany, Adair, City of Monroe (3 of 4 are unfilled at this time). Some highlights:

- Sleeman suggested stagger the terms for City of Corvallis and unincorporated areas.
- Xan said most advisory committees have two term limits. If takes longer to get up to speed, you could argue for longer 3 term limit.
- Sleeman: It’s nice to have background knowledge. Lauri is a Master Recycler graduate with an interest in garbage. Some advisory committees have no term limits.
- Recruitment strategies include word of mouth; online newspapers; social media; sustainability coalition. We could talk to republic and put in in their newsletter. Jen will talk to Julie about putting DSAC/SWAC ads for recruiting members in their newsletter. County will be advertising for this committee due to perpetual vacancies.
- Could put Corvallis and Unincorporated positions on rotating basis to avoid a mass exodus.
- Xan said SWAC can submit changes to the Bylaws and then Teresa would stagger the roster.
- Gordon said maybe instead of one or two from Monroe; find an area in South Benton County. Same goes for Adair Village; representatives from Geographic areas.
- Roster needs to be updated.
- Recommend consider 2 terms of 3 years each, that is six years. Also, could be off for a year and come back fresh if there is an opening. Will decide at next meeting.

**VII. SWAC / DSAC Orientation Plan.** List of topics to include for new committee members: Information could be put on a website, such as the copy of the franchise agreement; map of landfill; waste reduction plan; Bylaws; copy of annual report. (Could divide the 9 sections into a timeframe over the course of the term.) Bill said if DSAC/SWAC tell us what they want to see online, we can look into putting it on the County website.

**VIII. Upcoming Schedule:** Next meeting will discuss SWAC term limits; orientation plan; ideas for Franchise agreement; no reviews for some time until annual report from Coffin Butte. Xan would like to get our inputs for Franchise agreement by end of March.

**IX. Adjourn.** Meeting adjourned at 8:03 p.m. Next SWAC meeting is Wed., February 28, 2018 from 6:30 pm to 8:30 pm.



# Benton County

## Solid Waste Advisory Council

April 11, 2018 Approved Minutes (6:30 pm – 8:30 pm)

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Members Present: Jay Simpkins (Benton County unincorporated area), Larry Sleeman, Jeff Freeman, Jeff Morrell, Lauri Richer (Corvallis).  
Members Excused: Linda Brewer  
Guests Present: Peter Spendelow (DEQ), Ian Macnab (Republic Services, Inc.); Julie Jackson (Republic Services, Inc.), Rachel Snyder (Republic Services, Inc.); John Deuel (Oregon State University), John Sarna (Benton County Environmental Issues Advisory Committee).  
Staff Present: Xan Augerot, Gordon Brown, Bill Emminger, Paula Felipe (recorder)

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- I. **Call to Order** - The meeting was called to order at 6:32 pm by the Chair Jeff Freeman.
- II. **Citizen Comments** – None.
- III. **Approval of February 28, 2018 SWAC Minutes** – The minutes were presented for approval. **MOTION** was made to approve the minutes, **which was SECONDED and then unanimously APPROVED.**
- IV. **Review Solid Waste Website** – *Bill Emminger:*  
*Bill provided a tour of the Benton County Environmental Health website and the Solid Waste Management webpage, which includes links to resources. See following link:*  
<https://www.co.benton.us/health/page/solid-waste-management>
  - Public education and resources for the Advisory Committees are two main purposes for the site.
  - Both City and County want to make the site easy to access so people do not need to search too hard to find it.
  - This site contains links to both the DSAC and SWAC Minutes.
  - There is a link to Republic Services of Corvallis.
  - There is a link to the OSU Master Recycler Class.
  - Chair Freeman said the site can be useful to new members, like Lauri Richer, and he asked for her feedback. Bylaws, Franchise agreement, recycling reports, other resources available to the public were discussed as good information for the site.
  - All Advisory Committee members are encouraged to visit the site and provide feedback at the next meeting.
- V. **Coffin Butte Landfill Franchise Agreement Topics** – *Chair Jeff Freeman* distributed a SWAC ‘wish list’ and a copy of a Memo addressed to the Benton County Board of Commissioners from SWAC. This memo provides recommendations for the franchise renewal negotiations and are based on an email survey conducted by member Linda Brewer. The following is a list of the recommended items from SWAC members:
  - Road maintenance and repair surrounding the landfill;

- Feasibility studies for expansion of the landfill footprint and establishment of a Materials Recycling Facility (MRF);
- Funding of seed money for entrepreneurial efforts related to materials management activities;
- An accounting of the current distribution and alignment of the franchise fees and the host surcharge fees with the county solid waste management codes, policies, and franchise agreements.

*A discussion was held on the data analysis and how items are ranked with smaller being best.*

**MOTION** made to submit the results/recommendations based on the survey to the Board of Commissioners; **MOTION SECONDED; and unanimously APPROVED.**

**VI. Republic Services Rate Increase – Rachel Snyder** A discussion took place on the Gazette-Times article dated Sunday, April 8, 2018 about the need for more quality in recycling habits and about Republic Services proposed rate increase.

- Republic Services said most communities are going with the increase. Question raised about how the increased fees will be spent. Republic Services (Rachel) said the money will go toward success in recycling to make it more viable and more outreach, education, more carts, and cracking down on contamination. She added they want to increase efficiency and have some backlog. Materials are taken to the MRF and sorted and some have markets. When materials like paper become soaking wet and contaminated, then cannot recycle it. On-going effort to educate public on what can and cannot be recycled. DEQ has contamination reduction plan.
- More than half the world sends recycling to China, which is cutting back on what it will accept. This will impact many States and manufacturing.
- Changes in China’s Importation Restrictions (2018 Blue Sky): will accept no more than 0.5 percent contamination and no unsorted paper and no whole plastic containers, items such as milk containers are prohibited and whole loads can be rejected.
- Republic Services said if we can get to ½ percent contamination, then we can recycle more. So, we need more quality recycling.
- OSU is also heading toward more re-use and reduction and on procurement changes.
- Albany and Philomath have voted to approve the increased rate.
- Republic Services wants everyone on board to go forward.

**MOTION** was made by Jeff Morrell to recommend to the Board of Commissioners that they accept the Republic Services \$2 rate increase with a 2-year sunset clause to cover the cost of recycling; Larry Sleeman **SECONDED THE MOTION**, which was **APPROVED by a vote of four (4) in favor and one (1) opposed.**

**VII. Oregon DEQ presentation on Waste Composition Study – Peter Spendelow (Oregon Department of Environmental Quality—DEQ Materials Management):**

Here are some highlights from Spendelow’s talk. (Note: To see the full details of these studies on the DEQ Website, which includes data tables for every substream in excel file formats, see:

<http://www.oregon.gov/deq/mm/Pages/Waste-Composition-Study.aspx>

- In May 2016, DEQ began a year-long statewide waste composition study, with assistance from Metro, Marion County, Lane County, Washington County, and the cities of Portland and Beaverton.
- Fieldwork was conducted by Sky Valley Associates, which included collecting and sorting 974 samples of solid waste weighing on average more than 200 pounds each, collected at 55 landfills, transfer stations, and mixed solid waste processing facilities throughout an entire calendar year.
- 103.7 tons of solid waste were sorted, and 17,727 beverage containers were counted in that sample.
- The waste composition study is required by State law every 6 years starting in 1992.
- Not enough samples in Benton County to calculate composition; random selection method; truck loads randomly picked. If Benton County wants to do its own analysis, could split the cost of the next study, which can be expensive—about \$25,000 to \$30,000 that includes having crews trained to sort.
- 82 waste streams sampled.
- Bag up each component and bring back to facility to wash and dry if needed.
- Recyclable materials are recovered.
- Separate study on residential yard debris. Top 5 items in residential debris in 2016: 1) edible food; 2) pet litter, animal feces; 3) non-recyclable paper; 4) all non-edible food; 5) Disposable Diapers.
- All Substreams in 2016 mostly had edible food, recyclable paper, non-recyclable paper; clean lumber; non-edible food; plastic packaging; plastic film; disposable diapers; asphalt roofing; rigid plastic products; pet litter, animal feces; cardboard including wine boxes; among others. For clarification, ask Peter Spendelow, 503-229-5253.
- Special study on residential organics/food collection: There isn't much food in organics carts. Yard debris 93.2 and food only 4.5 percent.
- Look at the big picture and do a cost benefit analysis. Recycling has value and can improve on green house gas and energy. Calculate the recycling rate and see if it is worthwhile—look at impact on greenhouse gas—do analysis of impact.
- Markets are improving and manufacturers need cleaner materials.
- Need better processing of plastics.
- Promote wasted food reduction activities: It is a huge benefit if you did not have to produce it in the first place: Some types of food have greenhouse effect with high carbon intensity foods such as meat.
- For more info, contact Peter Spendelow, 503-229-5253 or Spendelow.Peter@deq.state.or.us

**VIII. Upcoming Schedule.** The next DSAC/SWAC meeting will take place on Wednesday, May 23, 2018 at 6:30 pm in the Sunset Conference Room, 1<sup>st</sup> Floor, Sunset Building.

**IX. Adjourn.** Meeting was adjourned at 8:30 p.m.



# Benton County

## Solid Waste Advisory Council

### June 27, 2018 Approved Minutes (7 pm – 8:30 pm)

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Members Present: Jay Simpkins (Benton County unincorporated area), Jeff Freeman, Chair (City of Corvallis), Jeff Morrell (Benton County unincorporated area), Lauri Richer (City of Corvallis), and Linda Brewer (City of Corvallis)

Members Excused: Larry Sleeman, Vice Chair (City of Philomath) and Lynn Neville (unincorporated area of Benton County)

Guests Present: Ian Macnab (Republic Services, Inc.); Julie Jackson (Republic Services, Inc.), Bill Bromann (Republic Services, Inc.); Broc Kienholz, Landfill Manager (Republic Services, Inc.); Eric Tuppan, (Consultant to Republic Services, Inc.)

Staff Present: Xan Augerot (Commissioner, Benton County), Gordon Brown (Benton County Environmental Health), Bill Emminger (Division Supervisor, Benton County Environmental Health), Rob Turkisher (Benton County Environmental Health), Paula Felipe (Public Health Program Assistant, recorder)

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- I. **Call to Order.** The meeting was called to order at 6:56 pm by the Chair.
- II. **Citizen Comments – John Deuel of Oregon State University** could not attend but sent an updated report on OSU Materials Management, which was read by Gordon Brown: “Processed over 30,000 lbs. of reusable materials from Campus Move-Out. Have adapted to changes in acceptable materials in the recycling markets and are developing a new outreach campaign to launch this fall to improve the quality of materials being recycled from OSU.” Discussion on triangle of public land near First Alternative Northwest and saw sofas, chairs. Republic Services said items in the ‘triangle’ are picked up. Republic picks up items left at the curb. One Republic driver picked up 29 yards of furniture/garbage at the curb in one location, which was charged to the property owner. “To improve the quality of materials being recycled”—does that mean less is being recycled and more being put into the trash? More education outreach needed to promote widespread understanding on what can be recycled under new rules (such as related to contamination issues and types of plastics that can be re-used—bottles and jugs are on the list). A letter from Republic (Rachel) will go out to school districts in August and will offer presentations to staff. Benton County has a sustainability coordinator working on solid waste issues and energy and conservation issues throughout the County. Republic Services (Julie Jackson) reminds us the most expensive way to throw it away is to place into recycling for people to sort and throw away.
- III. **Approval of SWAC Minutes** – The April 11 minutes were presented for approval. Five proposed corrections to the Minutes: (1) On page 2 under motion, should read Jeff Morrell made the motion, not Jeff Freeman; (2) Under Section 6, first line under Republic Services rate increase, it says Julie Jackson and it should be Rachel Snyder; (3) On page 3, in reference to Peter Spendelow’s talk, it says 17,000 beverage containers were counted throughout Oregon. He meant *in that sample*, so it should read in the sample to be clear; (4) Morrell said there is a typo under Republic Services increase, 6, Albany and Philomath voted to approve instead of “approve of;” and (5) cardboard including wine boxes...what does that mean? Does that mean it includes plastic bladder inside? The context is referring to contamination of waste streams like plastic

film, disposable diapers. Could be a bottle is left inside the wine box, but for more clarification, contact Peter Spendelow.

**MOTION** was made to approve the April 11 minutes as amended, **which was SECONDED and the unanimously approved.**

#### **IV. 2017 Coffin Butte Landfill & Pacific Region Compost Annual Report – Ian MacNab**

Coffin Butte Landfill has permitted airspace of 39,148,002 cubic yards. During 2017 accepted 941,430 tons of solid waste. An estimated 969,048 cubic yards of airspace was used for the year. A total of 16,740,632 cubic yards has been consumed as of December 31, 2017. Remaining capacity for the entire permitted landfill footprint as of the end of 2017 was 21,727,371 cubic yards. The remaining available landfill space expressed in tons is about 17,381,897 tons. Using the 2014-2016 average disposal rate of about 528,000 tons per year, there are about 32.92 years of landfill space available. If we use our three year density average of 0.93 tons/cy, the site life extends to 38.27 years. This illustrates the importance of density on landfill site life.

- Gordon distributed charts: Figure 1 “Tons Disposed by County” showed an increase in 2017 compared to previous years. Also, the huge drop in number of vehicles in landfill. In past during a recession, people do not buy as much and there is less construction; less remodeling; less packaging and purchases, and therefore, less waste in general.
- Future Projects include installation of eight horizontal and ten vertical wells; continued maintenance of trees planted in 2016 along the eastern perimeter which help screen the site from Highway 99; and Leachate Management with about four more acres of exposed membrane will be deployed to better shed storm water. 28.3 million gallons leachate projected production (how much treated and how much in ponds). Try to ship it out immediately and not build inventory. In discussion with Adair on future waste-water plant to connect with ponds. Reclaimed water would go to PRC for compost and provide to some of farmers for irrigation water. The recycled, treated water is not used for drinking water. PRC currently in summer uses Adair drinking water for composting. In future, the recycled water would be for grass seed, but not for berries.
- 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 in compliance wells.
- Leachate production for the water year 2016-2017 was estimated at 28.3 million gallons. This was generated by Cells 1 through 5 during the water year ending September 30, 2017. Continue to monitor the secondary leachate collection systems beneath Cells 2, 3, 4, and 5.
- There were 0 odor notices at Coffin Butte for 2017.
- There were five verbal complaints logged at Coffin Butte Landfill and PRC scale houses.
- **Summary of Pacific Region Compost (PRC) Activity for 2017:** Compost sales: 49,645.50 cubic yards; Green waste: 13,542.00 tons; Food Waste: 98,468.00 tons (residential) and 6,145.00 tons (Commercial).
- Level of customer service about the same, according to Republic Services.
- Recycling costs more than landfill material; the real solution is to reduce waste.

- On Pathogen reduction program: Monitor temperatures in all of the piles. Track all of the windrows. Temp probes and computerized in our database; log continually what the temp is and adjusts air to piles. All tracked thru spreadsheets and online database. High temps deal with bacteria and weed seeds.

**Tuppan Consultants LLC on Coffin Butte Landfill Ground Water– Eric Tuppan:**

- Trend plots for indicator parameters for eastside wells were presented in annual report.
- East Side Compliance Wells: Report on Bicarbonate Alkalinity; Chloride; TDS; Calcium; Iron; Magnesium; Manganese; and Sodium. Compared to the Site Specific limit (SSL). Variability can be due to the well, which doesn't recharge well; it's not a stable purging of the water; and also that zone has naturally occurring organic carbon from an old marsh, so it mucks up chemistry like manganese and iron. But, surprisingly, most of the parameters in 2017 are normally distributed with some level of certainty.
- Water levels compared to annual rainfall; ground water flows indicated. Looked at ground water contours at three wells. Looked at highs and lows of ground water over course of 25 years. Looked at annual rainfall between 1995 and 2015 in 20 years: On average, water table going down and decrease in rainfall. Rainfall impacts ground water. Spike in 96-97 ground water levels. Evidence of impact in climate change.

**MOTION** made by Jeff Morrell to recommend that the Board of Commissioners accept the 2017 Coffin Butte Landfill & Pacific Region Compost Annual Report. Linda Brewer seconded the **MOTION. All in Favor, passed unanimously.**

**V. Upcoming events and agenda items:** Members interested in attending a field trip to watch the wells being drilled. Potential date: Wed., July 25, 2018. Other possible agenda items: Look at earlier minutes; find out what fees and surcharges were used for in Franchise agreement.

**VI. Meeting Adjourned at 8:26 pm.**



# Benton County

## Solid Waste Advisory Council

August 22, 2018 Approved Minutes (6:30 pm – 8:30 pm)

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Members Present: Jay Simpkins (Benton County unincorporated area), Jeff Freeman, Chair (City of Corvallis), Lauri Richer (City of Corvallis), and Linda Brewer (City of Corvallis)  
Members Excused: Larry Sleeman, Vice Chair (City of Philomath), Jeff Morrell.  
Guests Present: Ian Macnab (Republic Services, Inc.); Julie Jackson (Republic Services, Inc.); Broc Kienholz, Landfill Manager (Republic Services, Inc.), John Deuel of Oregon State University  
Staff Present: Gordon Brown (Benton County Environmental Health), Bill Emminger (Division Supervisor, Benton County Environmental Health), Rob Turkisher (Benton County Environmental Health), Paula Felipe (Public Health Program Assistant, recorder)

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- I. **Call to Order.** The meeting was called to order at 6:34 pm by Chair Jeff Freeman.
- II. **Citizen Comments – John Deuel.** OSU is working with Republic Services on correct messaging on what can and cannot be recycled thru major communications campaign. “This is an opportunity to wake them up to new changes and to improve quality and quantity of recycling.” Collecting at residence halls has been a challenge. There are co-mingled carts available and recycling on each floor (15 residence halls). They have moved the recycling to lobby instead of the rooms. These are called ‘All-in-the Hall’ bins. With a Pepsi grant recycling fund, they are buying 22 more bins. OSU will sort it before Republic picks up. Sorting is a daily operation and the bins are designed for paper, bottles, cans, and jugs. The Housing staff keeps eyes on the bins. Cardboard and trash taken to the dumpster. Every year brings a new population of students to work with, and OSU is open to new ideas on ways to spread the message about recycling methods.

III. **Approval of the June 27, 2018 SWAC Minutes (There was no meeting in July)**

**MOTION** was made to approve the June 27 Minutes with one correction: *Linda Brewer said on Page 3, line 2, it should read “windrows” (not windows) and then put a period and delete the rest of sentence because EPA guidances are not correct here.* **MOTION** was Seconded and unanimously approved.

IV. **Republic Services Call Center Update - Julie Jackson**

Republic Services listened to the responses about Customer service call center in Phoenix, Arizona and has opened a call center for Corvallis to respond to Oregon callers. There will be 10 customer services reps answering phones for Corvallis. These jobs are listed and Republic Services hopes to have them hired and trained by Oct 1 and starting the first week in November. Albany, Salem, Corvallis (Portland also will have 10 people). Can call 4 am to 8 pm or can call local office from 8 am to 5 pm. September is the busiest month and they request patience during the training period. Portland Call center can take over for calls and vice versa. Lauri asked if contamination is decreasing? Republic Services/MRF has not seen a big improvement yet. From May thru July, there was a decrease in recycling tons by 160 tons compared to a 3 month period last year. There has been an increase in trash by 400 tons. About 2 percent are upsizing their cart. Unfortunately, people are making more trash than ever before. Lauri asked

can bins be monitored and cited? Republic Services are concerned with the drivers' safety first and they are required to pick up all carts. They do not have time to look at every cart, but they do try to see 'problem' carts. Drivers can see from camera in vehicle; such as big pieces of styroform, plastic bags, etc. Drivers can call dispatcher and report. Among the worst contamination are styroform and plastic bags. Plastic milk jugs are fine; but not cartons. It is intrusive for neighbors to be looking into each other's trash bins and telling others what to do; and there could be confrontations. Looking into having a recycling forum at the library. More awareness needs to be raised. Continue to look for markets for recycling items.

#### **V. Report on Benton County Solid Waste Franchise and Host Surcharge Fee Uses**

Gordon Brown (EH) distributed documents, including the 2017-19 Adopted Biennium Budget for Benton County (from July 1, 2017 thru June 30, 2019). Following are highlights of the discussion:

- Property tax provides about 88 percent of discretionary revenue to the County, and the second largest source of revenue is the surcharge on tonnage delivered to the Coffin Butte Landfill. As the economy expanded from 2008, tonnage recovered, increasing income. This increase will enhance ability to fund capital improvements and major one-time expenses such as the Justice System Study.
- Landfill Surcharge receipts will continue to increase from both a tonnage and larger than historical annual CPI adjustments.
- Landfill Surcharge receipts will also increase due to a one-time use of Coffin Butte to dispose of up to 500,000 tons of garbage from METRO while it deals with a landfill issue in its service area. This revenue will be treated as one-time income and not used to support the operating budget.
- Financial Policy for the Landfill Host Surcharge Revenue: \$2 per ton fluctuates with tonnage at landfill. Almost 20 years ago, the budget officer predicted tonnage and any surplus would go to environmental clean-up fund, and for road maintenance around landfill and grants, with remaining going into general fund. With better predictions, came less surplus.
- In 2017 a change was made to just put revenues into general fund and use as needed for roads or environmental clean-up fund.
- The Franchise fee was paid by landfill – a fixed amount but was adjusted by CPI. Albany hauler and Republic Services/Corvallis pay 5 percent of revenue goes into Franchise revenue, which was stable.
- Page 11 of Budget under Community Development: Able to use funding to support the sustainability and resiliency half-time position.
- Page 118, Solid Waste Management General fund: Franchise fees dedicated to solid waste management and nuisance abatement. Mission and purpose language is in the solid waste management code (first page cover sheet explains in more detail).
- Environmental Health – Solid Waste Abatement: 2017-2018 Budget: Total revenues: \$380,153. Total expenditures including Personal services and Materials: \$352,860 (which leave \$27,293 surplus).
- If anyone has questions on Franchise and surcharge fees, ask Gordon Brown at [Gordon.brown@co.benton.or.us](mailto:Gordon.brown@co.benton.or.us)

#### **VI. Member Comments on Items for Upcoming Agendas**

- Any questions on Franchise and surcharge fees.
- Chair Freeman shared a newspaper (*Portland Oregonian*) article on air quality standards applying to landfills (specifically about Arlington). Article referred to “Neighbors for Clean Air” <http://www.whatsinourair.org/> Note: Republic Services does regulate landfill gas emissions and dust from unpaved roads, and regulation varies from state to state. There is legislation this year to cap and do something about air quality. Landfills also have federal EPA regulations. Republic captures about 75 percent, methane which goes to gas energy plant or flared off. Stay tuned—a lot more discussion in legislature to come.
- Next month there will be a hauler report.
- Tours available at the landfill—daytime and Saturdays.
- Bill Emminger visited the Corvallis ‘auto-drop’ recycling site and said it was clean and looked well managed.
- The newsletter from Republic Services is available online. Mail out one to customers and provide them online, at the library, senior center, and Benton County. Republic has 14000 customers in city and 8000 emails. Look for more recycling news in the January newsletter via email.
- Lauri discussed policies on recycling on campus and how it can be initiative by departments.
- Clackamas county has transitioned from milk cartons to dispensers. DEQ grants are available and they are looking at schools’ trash / milk carton program.
- SWAC is now recruiting for a new person to fill position for unincorporated area/Benton County
- Some members prefer to receiving minutes/agenda via email instead of Calendar invite.
- OSU/John are looking for volunteers for ‘moving day’ – a training opportunity too. It is fun, exciting to see students going off to college, parents crying, while monitoring cardboard and recycling.

**VII.** Adjourn at 8:05 pm. Seconded, passed.

**VIII.** Next meeting date Wednesday, September 26, 2018 at 6:30 pm in Sunset conference room.



# Benton County

## Solid Waste Advisory Council

September 26, 2018 Approved Minutes (6:30 pm – 8:30 pm)

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Members Present: Jay Simpkins (Benton County unincorporated area), Jeff Freeman, Chair (City of Corvallis), Lauri Richer (City of Corvallis), Jean Gritter (North Albany), Larry Sleeman Vice Chair (City of Philomath)

Members Excused: Linda Brewer (City of Corvallis)

Guests Present: Julie Jackson (Republic Services, Inc.); John Deuel of Oregon State University

Staff Present: Xan Augerot (Board of Commissioners), Gordon Brown (Benton County Environmental Health), Bill Emminger (Division Supervisor, Benton County Environmental Health), Rob Turkisher (Benton County Environmental Health), Paula Felipe (Public Health Program Assistant, recorder)

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- I. **Call to Order.** The meeting was called to order at 7:02 p.m. by Chair Jeff Freeman.
- II. **Citizen Comments – John Deuel (OSU):** Recycling is getting better on campus. OSU is using volunteers at 20 recycling stations, and the campus is looking cleaner. The new residence hall collections were moved into the lobbies and are doing well. Seeing better quality of materials at sorting stations. OSU will have a Campus-wide recycling event and waste audit on October 12, so they will have a bench mark to compare. The recycling awareness campaign has launched and they expect each person on campus to hear the message at least twice. OSU is hiring materials management workers. Attending a national conference in Pittsburgh by the Association for Advancement of Sustainability to learn what other schools are doing. Workshops offered on diversity sustainability, social justice, recycling awareness, among other sessions. OSU is still using re-usable containers. Talking about models for re-usable cups, cutlery, and special events and how to further reduce waste at OSU.
- III. **Approval of the Minutes. MOTION** was made to approve the August 22 SWAC minutes, seconded, all in favor, **MOTION** passed.
- IV. **Benton County Solid Waste Franchise and Host Surcharge Fee Uses – Gordon Brown**  
*Linda Brewer submitted comments to Gordon, who shared with members. Linda's comments suggested city employees are not seemingly aware of beneficial use of taxes. Review of the 2017-19 Biennium Budget for Benton County.. Bill Emminger confirmed, as suspected in the last meeting, that the gap in level of funds (of revenue reported at end of year) was indication that payments at end of the quarter had not cleared yet. A general discussion took place on franchise fees and budget issues. Highlights included:*
  - *There is some good data. Fees do support solid waste program/environmental health; and the fee uses are specified in code, which includes funding for recycling education, solid waste reduction, and unlawful dump sites.*
  - *Discussion of the EH budget for 2018: Solid waste program and land/water programs: revenue and expenses includes an FTE breakdown under same programs.*
  - *How much surcharge/user fees go back to roads in vicinity of landfill itself? Members have brought up in the past the issue of covered loads going to landfill. The trash along the*

*highways are not so much from Republic Services trucks, which are covered, but more due to the smaller haulers with uncovered loads. Since Sheriff gets money from fees, can we ask for more patrols? Sheriff's deputies are already patrolling the area and are aware of the issue. Also, Republic Services has been fining people without covered loads, but they use a more positive approach by giving a discount to those who have covered loads.*

- *On Appendix I under "General Programs and Services Detail," there is \$230,000 in the adopted 2015 to 2017 budget dedicated to the Road Fund. There is \$500,000 budgeted for capital projects.*
- *Simpkins reported a section of road where litter/trash can be seen. It is a very narrow stretch of road with no shoulder. It's part of Oak Grove (from Albany to Landfill) but further west from the school and trash on the side of the road is unpredictable.*
- *There is an Albany man who walks and picks up trash and reports to officials. He has some good information.*
- *There are two fees: the host surcharge fees go to County General Fund, and Franchise fees go to EH solid waste program. EH has the info on Franchise fees; host surcharge come from County Budget Finance Office.*
- *Funds not spent are forwarded to general fund, and not necessarily used for EH. Maybe could have County Finance Officer speak to SWAC with focus on available funding and purchasing processes.*

**V. Republic Services Annual Report for 2017 – Julie Jackson** Republic Services sent a Letter to Benton County Commissioners with a copy of the annual report. Republic Services with Benton County have Oregon's first curbside recycling, yard debris and food scrap collection programs and 23 Sustainable CNG trucks serving the community.

- News about Customer Service Center: The call center has hired 10 employees in Corvallis office who begin on October 8 and train for 2 weeks. By the first week in November should be answering phones.
- The local Operations Team continues to use tools like call blasts, which is a recorded call that can be sent to specified customers impacted by weather, holiday hours, road closures, and other events.
- Email and texts are also tools available to customers. Benton County has a local version of the Republic Services website, located at: <http://local.republicservices.com/site/Corvallis-OR>
- Customers can also reach Republic Services 24/7 via website: [http://local.republicservices.com/site/Benton\\_County-OR](http://local.republicservices.com/site/Benton_County-OR) or their app, MyResource
- Rachel Snyder is Republic's Recycling Coordinator and her email is: [rsnyder2@republicservices.com](mailto:rsnyder2@republicservices.com) She makes presentations in the community and in schools. She also co-facilitates the Master Recycler program and is an Oregon Green Schools Coordinator. Republic works with Benton County to meet the requirements of the Oregon Department of Environmental Quality (DEQ).
- Tons Recycled in 2017: 23,243 tons. Food Waste Recycled: 483 tons, which is a 19 percent increase likely due to increased collection at OSU.
- Residential Recycling (in Tons): Commingle: 5980.50; Glass: 695.59; and Yard debris: 9902.94
- Recycling: Household Hazardous Waste: Total tons: 75.91 (includes 23.33 Paint and 22.12 latex paint) and 12.9 flammable liquids; and 2.21 Batteries, and .02 Mercury.

- Batteries are properly disposed of in landfill, since there is not a recycler for them. In household quantities, you can throw batteries in trash. Re-chargeable cell phone batteries can be recycled.
- Discussion on-going about electronics and recycling: Work with State program (e-cycle) and an electronics recycler in Clackamas County.
- Recycling Events: Household Hazardous Waste & Spring Clean Up.
- Financial Information: Schedule of Franchise Fees (on last page). SWAC will review this report and have it on agenda for the next meeting.
- For questions, email Julie Jackson at jjackson6@republicservices.com

**VI. Member Comments on Items for Upcoming Agendas**

- Need to focus on more than just recycling materials. Discuss ways to reuse and reduce waste and how to use minimum resources to create products. Like detergent, think about a pouch vs a jug.
- Informative Public TV series on global issues and plastics in the oceans.
- Good article: “The Pacific Ocean has a plastic problem. Here’s the bold plan to fix it.” Here’s the link <https://www.nbcnews.com/mach/science/pacific-ocean-has-plastic-problem-here-s-bold-plan-fix-ncna867456>
- Discussion and approval of Republic Services Annual report (including schedule of Franchise fees) on next agenda.
- Next meeting: Wednesday, October 24 at 6:30 pm in Sunset Conference Room.

**VII. Adjournment: *MOTION* was made to adjourn the meeting, seconded, all in favor, *MOTION* passed. Meeting was adjourned at 8:32 p.m.**



# Benton County

## Solid Waste Advisory Council

October 24, 2018 Approved Minutes (6:30 pm – 8:30 pm)

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Members Present: Jay Simpkins (Benton County unincorporated area), Jeff Freeman, Chair (City of Corvallis), Lauri Richer (City of Corvallis), Larry Sleeman, Vice Chair (City of Philomath)  
Members Excused: Linda Brewer (City of Corvallis), Jean Gritter (North Albany),  
Guests Present: Julie Jackson (Republic Services, Inc.), Broc Kienholz (Republic Services, Inc.)  
Staff Present: Gordon Brown (Benton County Environmental Health), Bill Emminger (Division Supervisor, Benton County Environmental Health), Tammy Shandy (recorder)

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- I. **Call to Order.** The meeting was called to order at 6:30 p.m. by Chair Jeff Freeman.
- II. **Introductions and Citizen Comments** – Gordon introduced Tammy Shandy, who served as Recorder during Paula’s absence.
- III. **Approval of the Minutes.** **MOTION** was made to approve the September 26, 2018 minutes, seconded, all in favor, **MOTION** passed.

#### IV. **Republic Services Annual Hauler Report – Julie Jackson and Broc Kienholz**

*The following are highlights from the discussion of the Hauler report:*

- **Glass category.** Glass collection was down (from 1,061 tons collected in 2016 to 1,027 tons collected in 2017). Overall, County-wide glass collections are expected to go up with the 10 cent deposit helping motivate people to recycle glass. Oregon beverage recycle works pretty well. Republic Services made a big effort in 2018 to promote glass recycling and gave customers color-coded map zones to better understand when glass is picked up.
- **Plastic Film.** Plastic film collection is down (from 47 tons in 2016 to 26 tons in 2017). Plastic film does not weigh much, but there is a good market for that material if it is clean. Grocery stores like Fred Meyer and Safeway (among other Albertsons Companies stores) collect plastic film and send to a company to use that material. We encourage people to drop it off at those stores. In 2017, Albertsons companies recycled about 24 million lbs of plastic film, which is used to make composite lumber for decking, railings, and other commercial purposes. For more info on recycling plastic film, see: [https://www.albertsonscorporation.com/content/dam/minisite/albertsonscorporation/albertsons-pdfs/AlbertsonsCompanies\\_SustainabilityUpdate\\_2018.pdf](https://www.albertsonscorporation.com/content/dam/minisite/albertsonscorporation/albertsons-pdfs/AlbertsonsCompanies_SustainabilityUpdate_2018.pdf)
- **Food Waste.** Increase from 407 tons in 2016 to 483 tons in 2017. (Note: This increase is likely due to increased collection at OSU).
- **Batteries.** Decline in number of batteries collected, and the Household Battery recycling was discontinued at the Benton County depot because Republic Services has been unable to find a resource to recycle them. You can still recycle car batteries and lithium batteries.
- **Total Recycling Tons:** Increased from 21,242 tons in 2016 to 23,243 tons in 2017.
- **Total Landfill Tons:** Increased from 36,158 tons in 2016 to 38,461 in 2017
- **For FAQ about Recycling, see:** <http://local.republicservices.com/site/corvallis-or/Documents/Spring-2018.pdf>

- People seem to be listening and looking more at how to change habits. Some catering services still use styrofoam containers: It is good to ask about the containers and help promote more understanding and sustainable practices. For more info on recycling and contamination, see: <http://local.republicservices.com/site/corvallis-or/Documents/Winter-2018.pdf>
- **Household Hazardous Waste**. Hazardous material increased from 74.80 total tons to 75.91 total tons, which includes paint, flammable liquids, and batteries.
- **Schools**. DEQ will periodically fund projects; master recyclers worked with DEQ for a take back event. DEQ has a grant cycle that is closed but will re-open and focus on waste reduction rather than just recycling. DEQ is looking at fast track application for schools to get grants.
- **CPI Index and Refuse Rate Index (RRI)**. Discussion on which Index to use. Julie said the surcharge is issued solely for the cost of processing recycling—not for the drivers or any operating costs for the trucks. There are use indexes based on what industry costs look like and this impacts wages, trucks, fuel and the other costs. These are two completely separate things, Julie explained. Could include this issue during renewing franchise negotiations. Gordon ran it by County Finance Officer and County Counsel and haven't heard back yet—about change to the CPI index. Benton County gets a preferential rate at the landfill, so lower than other counties. Materials from Benton County get a better rate when drivers declare where load is from. Benton County hosts the landfill and that has value. Other things involved in CPI (all indexes different) Benton County does not include fuel costs. Can go to website and see Indexes (for Republic Services – Benton County RRI).

**MOTION** was made to recommend the Republic Services 2017 Annual Report for Benton County to the Board of Commissioners as written with the changes Julie recommended on the charts. **Motion** seconded; all in favor, Motion passed unanimously. *This annual report will be recommended to the BOC by SWAC in December*

#### **V. Member Comments on Items for Upcoming Agendas**

- Reduce waste, Reuse, and Recycle. Review list of items to be recycled and see if we can bring someone in to speak to group to get educated in more depth.
- Update on Solid Waste position and Franchise update.
- Recommendations for Franchise Agreement and Renewal.
- Look into having Sean McGuire, who is working on the County's 2040 vision and climate change initiative, talk to SWAC about latest news.
- Plastic bag ban—more discussion and exploration.
- Update on National Sword (China's new quality specifications for taking recycled materials)
- Republic Services' community outreach programs, fairs, social media pages, live presentations. Julie can send a list to SWAC.
- Get a timeline for events: Landfill Franchise Dec 31, 2020; Hauler Franchise agreement Sept 2021.
- Timeline for what contributions or work products we need to provide as a committee in order to provide those things in a timely fashion to BOC.

- Gordon's retirement and replacement plan. In short term, Rob Turkisher, EH specialist, is being cross-trained into solid waste program. Longer term: looking at hiring someone to work with Gordon, who plans to retire in April 2019.
- Discussion on Microplastics. Micro plastics are being tested for and found to be in many consumer products. One article indicated table salt contained micro plastics. Found microplastics in table salt (National Geographic) and water. See: <https://www.nationalgeographic.com/magazine/2018/06/plastic-planet-health-pollution-waste-microplastics/>
- Packaging items wrapped in plastic so common with many products in the stores. How can we be more informed about the plastic industry? Company in California called Rethink disposables. For more info, see: <http://www.rethinkdisposable.org/>
- If all consumers reduce waste, it would make a difference to the landfill. What is our role and responsibility? Is it to educate? Primarily SWAC is to advise BOC on solid waste issues, and if SWAC believes BOC should take up an issue, could make a public policy recommendation to BOC.
- Julie attended an interesting meeting in Portland with Speaker of House, legislators, and industry people on climate cap and trade. Republic Services is involved due to greenhouse gases at the landfill and provides input on how landfills are regulated and the costs to landfills.

**VI. Next Meeting:** The next SWAC & DSAC meeting is at 6:30 pm on Wed., November 28, 2018 and there will be no SWAC meeting in December.

**VII. Adjourn:** **MOTION** made to adjourn the meeting, seconded, all in favor, **MOTION** passed. Meeting was adjourned at 8:30 p.m.