



# Benton County

## Disposal Site Advisory Committee

January 24, 2018 Approved Minutes

(APPROVED ON 6/27/18)

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

Members Excused: Chuck Kratch

Guests Present: John Deuel (Oregon State University Campus Recycling).

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

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**I. Call to Order** - The meeting was called to order at 8 p.m. by Chair Brewer

**Citizen Comments – John Deuel.** He is taking Master Recycling class and toured the landfill and PRC and potential leaders asking great questions. OSU is now engaged in 3-month process to develop strategic plan and DSAC/SWAC will have inputs into that plan in terms of waste recycling and reductions. OSU is looking into longer term, including what kind of waste programs will they have 20 years from now. OSU hopes to contribute to the County's process.

**II. Introductions**

**III. Approval of Minutes -**

**MOTION was made to approve November 29, 2017 DSAC minutes as written; motion seconded; all in favor, so approved.**

**IV. Election of Chair and Vice Chair –** Traditionally we would have the same officers as SWAC.

Motion made to nominate Jeff Freeman for Chair and Larry Sleeman for Vice Chair. All in favor; the Vote was unanimous.

**V. Current Landfill Operations: Coffin Butte Landfill Representative – Jenifer Stuber**

- Finished Cell B construction; granted approval by DEQ to put in waste.
- Installed three new horizontal wells for gas collection due to large organic materials that came in and we wanted to capture gas.
- In 2018 designing more horizontal and vertical wells to go in; probably done in June/July this year. The horizontal wells are trenched about 3 feet under surface.
- Completed 4 acres of EPDM installation mainly on east slope; another 4 acres in 2018. Currently have 1.2 million gallons leachate in storage; out of total available space of 7.5 million.
- Still haul leachate to Salem, according to the requirements established by accepting facility.
- At PRC in process of upgrading ASP pile and the system we are putting in is pretty high-tech system with auto-regulation and we can view it from our phones. We have materials on site and hope to be done by end of March. (We have a booster based on our internet for the phones).

- Republic Services hopes to enhance capacity and improve processing time.
- No odor complaints about landfill; one at PRC in 2018.

**VI. Next DSAC meeting in April.**

**VII. Adjourn MOTION was made to adjourn; motion seconded; all in favor, so approved.**  
Meeting was adjourned at 8:20 pm by Chair Brewer.



# Benton County

## Disposal Site Advisory Committee

June 27, 2018 Approved Minutes \* 6:30

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), Linda Brewer (City of Corvallis).

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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 Tupper (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 (Environmental Health), Paula Felipe (Public Health Program Assistant, recorder)

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I. **Call to Order, Citizen Comments** - The meeting was called to order at 6:36 pm by Chair Freeman. No comments from citizens.

II. **Introductions**

III. **Approval of Minutes:** Chair initiated discussion on why hauling leachate to Salem (under Part V). Members decided it was not due to lack of rain in Corvallis and amended the Minutes to say "according to the requirements established by accepting facility."

**MOTION was made to approve the January 24, 2018 Minutes as amended; motion seconded; all in favor, so approved.**

IV. **Current Landfill Operations: *Coffin Butte Landfill Representative Ian Macnab***

Broc is new operations manager at Coffin Butte with 19 years of experience with Republic Services. He came from Northwestern Utah landfill (13 years) and Eastern Utah where he also worked with the landfill. He moved here in April this year. He took over from Jenifer Stuber of Republic Services.

- The New cell 5B started filling beginning of March 2018. Working on a design for next liner (Cell 5C). Hope to construct in summer 2019. Old unlined, former military portion, burned up area, relocating into lined cell. Need additional air space to start moving that material over next few years. Once vacated/quarry fill excavation and eventually will be part of Cell 6. Multiple purposes for creating more space. Giant project to relocate materials. Have not found anything unusual at this point. Geophysical work for approximate volume conducted in 2016. Did a series of test kits on surface; largely household waste from the 70s. Last year drilled 10-12 4-inch bore holes across surface and took precautions to see deeper materials; putting together designs for contractor bids. Start relocating next year with bulk of it in 2020-21.

Landfill dates back to 1940s with Adair military base that used mainly small arms ammunition not heavy artillery.

- Landfill gas expansion. Ten Vertical wells to be installed starting in July in newer areas (Cells 4, 5, and 3). Good time for a field trip. Will have pumps in the wells to collect gas more efficiently. Drilling about a week after July 16. A couple of members expressed interest in field trip.
- Five more acres of ethylene propylene diene monomer (EPDM) to do this year. We do 4-5 acres every year. Start around September.
- Leachate: 2 million gallons in ponds. (7.5 million total capacity so plenty of space left.) Should be a million gallons or below by October 1<sup>st</sup>. Continue to haul to both Salem and Corvallis.
- Pacific Region Compost (PRC): The new Aerated Static Pile (ASP) system is now computer-controlled, fully automated, bigger, modern system brought online in April. Still fine-tuning to optimize; it blends seasonal streams coming in.
- Standard annual permit renewal; received the permit about a month ago. No substantial changes.
- New personnel changes at Republic Services: send emails to Aaron at Republic Services, Inc. who distributes them.
- Very little gas emissions and it is so decomposed, not much problems with odors.

**V. Upcoming Schedule:** Plan a field trip to Coffin Butte. Next DSAC meeting in September.

**VI. Adjourn. MOTION was made to adjourn; motion seconded; all in favor, so approved.**  
Meeting was adjourned at 6:55 pm.



# Benton County

## Disposal Site Advisory Committee

September 26, 2018 Approved Minutes \* 6:30 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), Jean Gritter (North Albany)

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Members Excused: Linda Brewer (City of Corvallis)

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

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

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- I. **Call to Order: Citizen Comments** - The meeting was called to order at 6:36 pm by Chair Freeman. No comments from citizens.
  
- II. **Introductions:** Welcome to new member Jean Gritter from North Albany, who has taught high school for 20 years. She has a daughter in 7<sup>th</sup> grade. Jean heard about the opening and felt it was a place she could help make a difference and has an interest in solid waste reduction and recycling.
  
- III. **Approval of Minutes:** Member commented to make sure Broc Kienholz's name is spelled correctly in the "Guests present" section of the Minutes. (*His name was correctly spelled*). **MOTION** made to approve the June 27, 2018 Minutes; all in favor, the Minutes are **APPROVED**.
  
- IV. **Current Landfill Operations:** *Coffin Butte Landfill Representative - Julie Jackson* No big changes in the last month. The dry weather is good for the landfill/leachate. PRC adjusts seasonally and is monitored on a regular basis. To report odors, email Aaron Vance or Ian McNab of Republic Services, Inc. Julie will get Aaron's cell phone, as requested by Jay Simpkins. Issues followed-up from last meeting:
  - New wells are finished. Sometimes odors when digging, but now they are finished. The plastic barrier helps and working surface is covered every day.
  - Republic Services is happy to give new member, Jean Gritter, a tour of landfill.
  - No problems with gas wells: Republic Services hired a company who specializes in gas wells. A lot of drilling involved. They look like a big post hole and start to settle over time.
  - The Field trip scheduled last month was cancelled due to the contractor's equipment issue.
  - Upcoming Legislative session may address landfill gases. Issues could include capturing the gas and putting it on the power grid and have it exempt from cap and trade legislation. Looking at language as we move forward. Republic Services works with Oregon Refuse and Recycling Association and work with landfills around the State. Republic Services also gives input to legislative committees. Republic Services supports having the exemption since they are highly regulated and have to report to DEQ on landfill gases. Republic Services does what it can to capture the gas or flare it off.

- Any changes on recycling with China? It is still 100 percent closed. Now our recycling goes to Clackamas and a lot of recycling goes to Malaysia. Price we are paying stopped rising. There is a lot of competition with secondary markets.
- Want to continue a clean stream of recycling. There was some confusion over recycling: On the Republic Services website, see the following link "Saving Little Pieces of the Earth."  
<https://www.youtube.com/watch?v=BsliD1nRE8M&list=PLUO9E3cULi8NcmphSP-y3d3ipjdtl3qwH>
- Republic Services cautions that 'take back' events could cause confusion if people think all of these items are recyclable. We are trying to educate people what is not recyclable. See the following links for clarification on recycling (should look into putting these links on County website): <https://recyclingsimplified.com/expert-tips/>  
<https://recyclingsimplified.com/recycling-basics/>
- Republic Services is down 100 tons of recycling over a 3 month period, but bad news is they see an increase of 300 tons of trash. Economy has been good so waste generated is high. To recycle is good, but not the ultimate solution. We also need to look at life cycle analysis and how that process reduces more waste overall. Sometimes it is less resource intensive to throw some items in trash. Example, a jug vs pouch of laundry detergent (pouches are less resource intensive).

V. **Upcoming Schedule:** The next DSAC meeting is the Nov 28 meeting, which is usually a combined Nov/Dec meeting (DSAC meets 4 times a year).

VI. **Adjourn. MOTION was made to adjourn; motion seconded; all in favor, so approved.**  
Meeting was adjourned at 7:01 pm.



# Benton County

## Disposal Site Advisory Committee

November 28, 2018 Approved Minutes \* 5:45 pm

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

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Members Excused: Jean Gritter (North Albany)

Guests Present: Broc Kienholz (Republic Services, Inc.), Ian Macnab (Republic Services), John Deuel, OSU

Staff Present: Gordon Brown (Benton County Environmental Health), Bill Emminger (Division Supervisor, Benton County Environmental Health), Rob Turkisher (Environmental Health), Loren Emang (Public Health Emergency Preparedness), Paula Felipe (Public Health Program Assistant, recorder)

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- I. **Call to Order: Citizen Comments** - *The meeting was called to order at 5:45 pm by Chair Freeman. No comments from citizens. (This meeting followed a public tour of the Butte Coffin Landfill and was held in the Republic Services conference room.)*
  
- II. **Approval of Minutes: MOTION** made to approve the September 26, 2018 DSAC Minutes; all in favor, the Minutes were **APPROVED unanimously**.
  
- III. **Current Landfill Operations:** *(Ian MacNab)*
  - Still filling Cell 5B and will be building cell 5C next summer.
  - Will start relocating the burned up area next year. Have not found any problems relocating the area associated with the old Camp Adair.
  - About 600,000 gallons leachate in ponds; pretty close to dry for winter.
  - Regarding turning gas into electricity: The powerplant owner wants a certain amount of gas to initiate the process. They have internal deliberations and decide when to expand new air permits. They need enough gas to go online: Currently, it is flaring 150 to 250 cubic feet per minute of fuel; so it is a ways off before they would consider it.
  - Leachate still hauling in Corvallis and smaller amount to Salem as needed. A company is contracted to haul leachate to a waste water treatment facility.
  - Pacific Region Compost (PRC): There is a new ASP system (aeration system) that came online last spring. It is a more modern design with a large blower, conduit valves, temperature probes, and the values can increase and decrease oxygen flow. It also helps with the early process odors associated with composting.
  - Impervious surfaces create instant runoff with the rain. The water flows into one of three storm ponds below.
  
- IV. **Upcoming Schedule:** DSAC meets 4 times a year, and the next meeting is January 23, 2019 at 6:30 pm.
  
- V. **Adjourn. MOTION** to adjourn; motion seconded; all in favor, so approved. Meeting was adjourned at 5:53 pm.