

From: crgilbert@comcast.net
To: [REDJICK Daniel](#)
Cc: "[Mark Yeager](#)"; "[Sam Imperati](#)"; "[Ken Eklund](#)"; IMacnab@republicservices.com; grough@republicservices.com; "[Bromann, Bill](#)"; [NICHOLS Darren](#); "[Paul Nietfeld](#)"; BMay@co.marion.or.us; "[SANDERSON Shane](#)"
Subject: RE: SWAC & DSAC Joint Work Session - December 7, 2022 Proprietary Information - BCTT - Sub-Committee - A1. Landfill Size/Capacity/Longevity - 11-29-2022 meeting
Date: Monday, December 5, 2022 9:52:49 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.emz](#)
[image004.png](#)

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This e-mail is a reminder that the data and reporting here within does not represent a consensus of the BCTT Sub-Committee A1, but is submitted as draft information for further discussion , if the Sub-committee elects for the Sub-Committee's final report of charges for the BCTT committee.

As information, the following draft table further developed the data from Paul Nietfeld intake information using the data in each Coffin Butte Landfill & Pacific Region Compost annual reports (CBR) that were submitted to Benton County.

The table also reflects Geo-Logic Associates 2021 site development plan update that is resident in Benton County BCTT's library.

Of importance is the CBR Density column that reflects the conversion of the scaled weight of solid waste into the landfill with the volumetric equivalents of annual airspace used.

This illustrates the importance of density on landfill site life Republic members discussed with the Sub-committee.

As the density is lowered per ton of solid waste, then more headspace is consumed in the landfill thereby lowering landfill space availability.

Simply put one ton of feathers has a higher capacity of volume with less density than one ton of bricks.

For ease of assessment, the historical years from 1993-2009 were trimmed, but can be provided to the sub-committee, if needed.

At first glance, there appears to be anomalies with the transitions of remaining airspace in the landfill for year 2021.

Nonetheless for example, the shifting of the closed landfill burn dump of 1940 may attribute to reduction of airspace that was outside the purview of the Geo Logic 2021 Plan.

Notwithstanding any other alleged anomalies, the propriety landfill software used by Republic is the purported standard for addressing the solid waste scaled tons, density, and airspace used in the purview of the operations of Coffin Butte Landfill.

Therefore, the charges being currently discussed are at the cusp of proprietary information that Republic wishes to first discuss, in part, with Benton County to preserve certain parameters of proprietary information needing confidentially, if any, with the charges.

Once this is completed, then the charges hopefully may proceed to fruition.

Thank you.

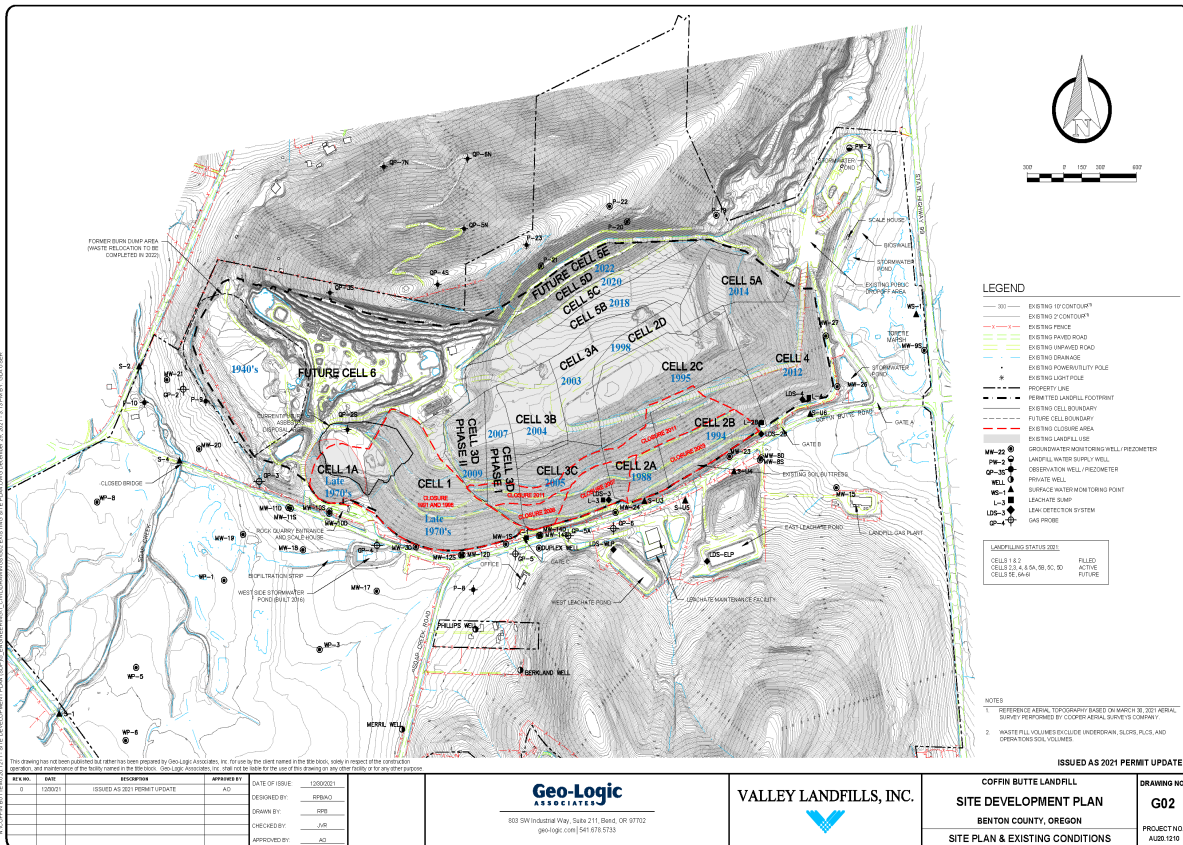
Chuck
Member of Benton County

DRAFT 12/5/20022

Year	Annual CBR Tons Scaled	CBR Density Aerials	CBR Annual Airspace Used (CY)	CBR Remaining Airspace (CY)	Geo Logic 2021 Plan Consumed Airspace (YD)	Geo Logic 2021 Plan Remaining Airspace (YD)
2010	458,590	0.892 tons/cy	514,111	39,594,002		
2011	482,951	0.1.0375 tons/cy	465,495	24,807,718		
2012	473,440	0.83 tons/cy	572,825	23,741,813		
2013	479,160	0.92 tons/cy	523,100	24,458,567		
2014	499,687	0.92 tons/cy	545,510	24,458,363		
2015	530,971	0.89 tons/cy	595,593	23,839,138		
2016	552,979	0.93 tons/cy	592,689	22,453,729		
2017	941,430	0.97 tons/cy	969,048	21,727,371		
2018	1,010,879	0.99 tons/cy	1,021,090	20,427,503		
2019	1,034,934	0.80 tons/cy	1,293,668	18,352,257		
2020	863,210	1.0 tons/cy	863,210	17,621,208		
2021	1,046,067	0.98 tons/cy	1,046,415	17,249,778	1,072,037	4,834,330
2022					1,057,700	3,776,631
2023					1,057,700	2,718,931
2024					1,057,700	1,661,232
2025					1,057,700	603,532
2026					1,057,700	1,028,093
2027					1,057,700	999,823
2028					1,057,700	1,685,254
2029					1,057,700	626,554
2030					1,057,700	1,428,675
2031					1,057,700	370,975
2032					1,057,700	391,696
2032					1,057,700	1,020,066
2034					1,057,700	1,977,627
2035					1,057,700	919,927
2036					1,057,700	1,157,678
2037					1,057,700	99,978
2038					664,409	664,409

As indicated in the table Cell 5E and Cell 6 are reserved for future cells once Cells 5A, 5B, 5C, and Cell 5D reach full capacity for capping

The data in the table was provided by Republic members of the sub-committee from a historical prospectus that began the filling of various cells.



From: crgilbert@comcast.net <crgilbert@comcast.net>
Sent: Sunday, December 4, 2022 10:24 AM
To: 'REDICK Daniel' <daniel.redick@Co.Benton.OR.US>
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Subject: FW: SWAC & DSAC Joint Work Session - December 7, 2022 Proprietary Information - BCTT - Sub-Committee - A1. Landfill Size/Capacity/Longevity - 11-29-2022 meeting

If my memory serves me correctly, the charges being currently discussed are at the cusp of proprietary information that Republic wishes to first discuss, in part, with Benton County to preserve certain parameters of proprietary information needing confidentially, if any, with the charges.

Once this is completed, then the charges hopefully may proceed to fruition.

The subject matter was expressed in the last BCTT sub-committee A1. meeting of November 29, 2022.

Thanks.

Chuck
Member of Benton County

From: Mark Yeager <mayeager@gmail.com>
Sent: Saturday, December 3, 2022 8:33 AM
To: REDICK Daniel <daniel.redick@co.benton.or.us>
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Subject: Re: SWAC & DSAC Joint Work Session - December 7, 2022

Hi Daniel - please put my November 13 email to the County regarding the work of the Landfill Life Subcommittee of the BCTT workgroup into the SWAC packet for the December 7 meeting.

Thank you

Mark Yeager

On Thu, Dec 1, 2022 at 11:47 AM REDICK Daniel <daniel.redick@co.benton.or.us> wrote:

Greetings,

The Solid Waste Advisory Council (SWAC) and Disposal Site Advisory Committee (DSAC) will meet virtually for a Joint Work Session on Wednesday, December 7th, 2022 from 6:00pm-7:00pm. Work Session details and agenda can be found [here](#).

The purpose of the one-hour work session is to provide an opportunity for SWAC & DSAC's "Benton County Talks Trash" (BCTT) work group representatives to liaison with SWAC & DSAC members. Please send over any written comments or materials you'd like to include for SWAC/DSAC consideration by 12/5 at noon.

Please feel free to reach out with any questions.

Best,



Daniel Redick *he/him*
Solid Waste & Water Quality Program Coordinator
Community Development
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Email: daniel.redick@co.benton.or.us
www.co.benton.or.us

**Community Development has moved to the Kalapuya Building at [4500 SW Research Way, 2nd Floor](#).
Come see the new space; we are officially open for business!**