



**Disposal Site Advisory Committee
AGENDA**

August 24, 2022

6:00 pm

To join virtually: <https://global.gotomeeting.com/join/972646029>

You can also dial in using your phone.

United States: [+1 \(786\) 535-3211](tel:+17865353211)

Access Code: 972-646-029

- I. 6:00 p.m., 5 Minutes – Call to Order..... Chair
- II. 6:05 p.m., 5 Minutes – Review/Approval of the Minutes..... Chair
- III. 6:10 p.m., 5 Minutes – Community Member CommentsChair
Anyone can bring up news, information, questions to discuss with the Committee.
- IV. 6:15 p.m., 10 Minutes – Heron Rookery InquiryChair, Ian
- V. 6:25 p.m., 30 Minutes – Landfill/Recycling Center Annual Report 2021.....Chair, Ian, N Whitcombe
Continuing discussion and action re accuracy/completeness of this report, prior to it being released to the Board of Commissioners.
- VI. 6:55 p.m., 5 Minutes – Break.....All
- VII. 7:00 p.m., 20 Minutes – Independent Landfill Data Verification.....Chair
Discussion and action re recommending third-party testing and verification of important landfill data (volumes, gas and leachate, etc.) to county Commissioners.
- VIII. 7:20 p.m., 10 Minutes – Independent Audit into Landfill WasteChair
Discussion and action re recommending third-party audits of what’s actually going into the landfill to county Commissioners.
- IX. 7:30 p.m., 5 Minutes – Member Requests..... Chair
- X. 7:35 p.m., 5 Minutes – Agenda items for next DSAC meeting..... Chair
- XI. 7:40 p.m., 5 Minutes – Wrap Up/Adjourn..... Chair



**Benton
County**
OREGON

COMMUNITY DEVELOPMENT DEPARTMENT

360 SW Avery Avenue

Corvallis, OR 97333-1192

(541) 766-6819

Next DSAC Meeting October 26, 6:00pm

Upcoming Agenda Topics

- **Community Concerns: Meeting focused on Public Feedback**
Discussion and action about a special session focused entirely on receiving public concerns about the disposal site. (May be a special session before the regular meeting)
 - **Community Concerns Report 2021**
Review and approval of a summary of community concerns/complaints about the landfill in 2021, to be submitted to Oregon Department of Environmental Quality (DEQ).
-



COMMUNITY DEVELOPMENT DEPARTMENT

360 SW Avery Avenue
Corvallis, OR 97333-1192
(541) 766-6819

BENTON COUNTY

Disposal Site Advisory Committee (DSAC)

July 27, 2022 **Draft** Minutes

Members Present: Ken Eklund, John McEvoy, Deborah Gile, Joel Geier, Marge Popp, Chuck Gilbert, and Mark Yeager

Republic Services Present: Broc Keinholz, Ian McNab, and Julie Jackson

Staff Present: Daniel Redick (Benton County Solid Waste and Water Quality Coordinator)

Call to Order/Introductions

Vice Chair Ken Eklund called the meeting to order at 6:00 pm.

Approval of Minutes

John made a **MOTION** to approve the April 27th, 2022 minutes. Seconded by Mark, the **MOTION** was approved 7-0.

Community Member Comments

- Joel reported that a community comment came into him personally about the Heron Rookery colony near the landfill. The colony seemed to be gone by mid-May which raises concern. He is curious if the landfill monitored the bird population this year and have any reports from ODFW. Ian McNab (Republic Services) responded that there has been no change in that area for quite some time. Biologists have been monitoring the eastern and western rookeries through a three-year process and reporting to ODFW, but no data is available at this time. Joel made a **MOTION** to request that Republic Services provide any information they have regarding the monitoring of the heron colonies this past spring and present it at the next DSAC meeting. Seconded by Marge, the **MOTION** was approved 6-1, 1 abstained (John)
- Kevin Kenaga attended the recent BOC meeting and learned about the budget for the facilitated work group that is being formed. He requested that DSAC request that some of that funding for the work group process goes towards environmental impacts.
- Mark requested that DSAC/SWAC meetings be combined and confirmed it would be allowable based on Oregon law. Members asked Daniel to explore reasons why DSAC and SWAC were separate meetings in the past and what options there are for combining groups into one in the future. This topic will be discussed at the August SWAC meeting.

Work Group

Joel and Marge both expressed interest in joining the Solid Waste Process work group that has been implemented by the Board of Commissioners per the Oregon Consensus Assessment. The BOC requested that two representatives from the council join the work

group. Mark made a **MOTION** to nominate both Joel and Marge to the facilitated work group. Seconded by Debie, the **MOTION** passed 7-0. Joel suggested an alternate member and Chuck expressed his interest in joining the work group if needed.

Group Priorities & Intentions

Ken asked SWAC members to send him an email on their suggestions for agenda items and the order of priority and intention.

DSAC BYLAWS

Mark made a **MOTION** to approve the proposed edits to the SWAC Bylaws that were discussed at the July 11, 2022 work session and to send them on to the Board of Commissioners for review. Seconded by Joel, the **MOTION** was approved 6-1, Chuck voted no.

Annual Report

Ian shared Republic Services Annual Report. This information can be found in **Exhibit A** (attached).

Agenda Items

Mark raised concern that the independent audit of intake at the landfill (which he previously requested) is on the DSAC agenda that meets quarterly. He emphasized that this information needs to be available sooner than the next DSAC meeting. Ken suggested an additional meeting be scheduled for DSAC that would be dedicated to cover items such as this and other topics that have not been discussed at regular DSAC meetings. The committee decided to schedule a regular DSAC meeting (not a work session) for August 24th along with SWAC.

Mark made a **MOTION** to adjourn the meeting. Seconded by Debie, the **MOTION** was approved and meeting adjourned at 8:33.



Exhibit A

COFFIN BUTTE LANDFILL & PACIFIC REGION COMPOST

Annual Report
2021



COFFIN BUTTE LANDFILL & PACIFIC REGION COMPOST

2021 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 2021:

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 38,997,848 cubic yards (including consumed). During 2021 the landfill accepted 1,046,067 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 0.98 tons/cy (1,961 lbs/cy – 2021 Operational Density). Therefore, an estimated 1,067,415 cubic yards of airspace was used for the year. A total of 21,389,767 cubic yards has been consumed as of December 31, 2021.

The remaining capacity for the entire permitted landfill footprint as of the end of 2021 was approximately 17,249,778 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 13,799,822 tons. Using an average disposal rate of approximately 750,000 tons per year, there are about 18.40 years of landfill space available. If we use our three year density average of 0.93 tons/cy, the site life extends to 21.38 years. This illustrates the importance of density on landfill site life.

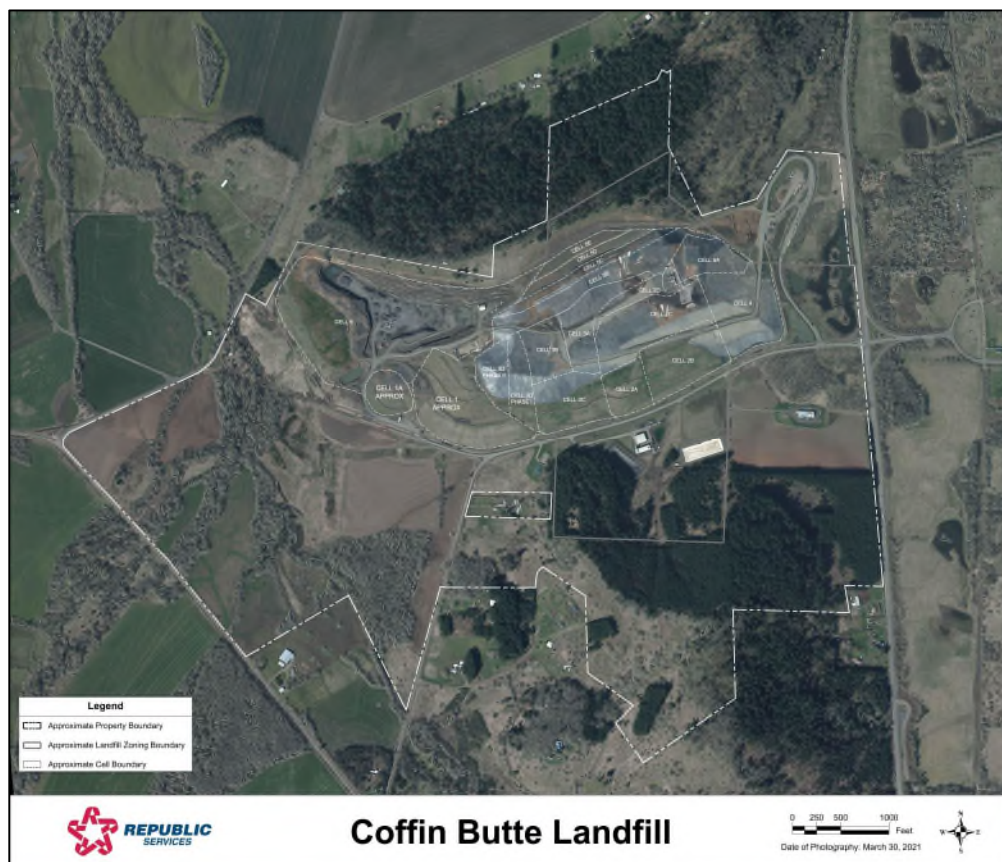


Figure 1. Aerial photo of Coffin Butte Landfill.

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:

- Burn Dump Relocation – Complete final phase of moving historic waste material into a lined portion of the landfill.
- Landfill Gas Infrastructure – Installation of eight horizontal and eleven vertical wells. A number of collapsed wells will be decommissioned.
- Paving – Paving of the entrance road from the scale house to the public area.
- Leachate Management –Continued installation of exposed tarps 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 2021. 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 2021, 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 long term 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 former Closed Landfill, groundwater quality trends are stable as well. Based on the age of the landfill and completion of source removal in 2022, 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-27 for both sampling events. No action is required with the exceedance of one SSL.

Leachate production for the water year 2020-2021 was estimated at approximately 32.3 million gallons. This was generated by Cells 1 through 5 during the water year ending September 30, 2021. 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 2020 to September 2021 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 2021 were summarized in a report on DEQ forms prepared by Valley Landfills. The air emissions generated in 2021 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 1 odor notifications to DEQ. The landfill was informed of, responded to and documented 2 odor notifications from DEQ for reports they received.

Coffin Butte Landfill Odor Notices								
Month	2014	2015	2016	2017	2018	2019	2020	2021
Jan	0	1	2	0	0	0	0	0
Feb	0	0	0	0	0	0	2	0
Mar	2	0	0	0	0	0	0	0
Apr	1	1	0	0	0	1	1	0
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	1	0	0	0	0	0	0	0
Sep	1	0	0	0	0	0	0	1
Oct	0	0	0	0	0	0	1	0
Nov	0	0	0	0	0	0	0	1
Dec	0	0	0	0	0	0	0	1
Total	5	2	2	0	0	1	4	3

* In February 2022, DEQ provided 16 complaints from the November to December 2021 time period. DEQ did not include information regarding the nature of the complaints.

SUMMARY OF LANDFILL USERS BY COUNTY OF ORIGIN

Coffin Butte Landfill Vehicles by Class and Tons Disposed - Total for Year 2021					
	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	42,452.83	12,900.97	59,398.96	41,843	114,752.76
Linn	76,778.56	5,425.95	60,576.27	35,053	142,780.78
Polk	42,377.41	2,399.56	28,032.97	20,107	72,809.94
Marion	171,226.30	1,418.02	153,079.05	17,478	325,723.37
Lane	5,037.03	100.83	32,866.18	1,903	38,004.04
Tillamook	30,061.68	0.57	8,897.47	1,662	38,959.72
Yamhill	49,328.85	1,570.74	1,225.23	2,304	52,124.82
Lincoln	50,310.49	499.92	63,775.99	4,396	114,586.40
Coos	5.85	2.58	495.46	41	503.89
Pierce, WA	0.76	1.12	0.00	3	1.88
Washington	35,315.78	219.51	570.56	1,466	36,105.85
Jackson	0.00	0.00	6.19	7	6.19
Multnomah	0.08	0.00	20.21	7	20.29
Douglas	4,264.52	0.83	106.21	170	4,371.56
Clackamas	13,173.34	5.31	2,294.90	707	15,473.55
Columbia	6,015.42	1.62	0.00	212	6,017.04
Clatsop	0.21	0.00	560.32	41	560.53
Klamath	1.78	0.00	5.55	6	7.33
Deschutes	1.11	0.00	39.76	7	40.87
Baker	24.23	9.59	4.07	120	37.89
Josephine	0.00	0.00	94.06	17	94.06
Misc. County	2.02	2.13	11.85	18	16.00
M-Clackamas	0.20	0.00	4,903.62	290	4,903.82
M-Multnomah	0.00	0.00	597.40	34	597.40
M-Washington	76,526.58	0.00	1,040.40	3,468	77,566.98
Totals	602,905.03	24,559.25	418,602.68	131,360	1,046,066.96

STATUS OF LANDFILL ENVIRONMENTAL TRUST FUND AND INSURANCE

The Value of the Environmental Trust on 12/31/2021 was \$16,224,175.

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.

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	June 30, 2026	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. 2021 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	1	0	0	0	1
May	0	0	0	0	0
Jun	0	0	0	0	0
Jul	0	0	1	0	1
Aug	0	0	0	0	0
Sep	0	1	0	0	1
Oct	0	0	0	0	0
Nov	0	0	0	0	0
Dec	0	0	0	0	0
Totals	1	1	1	0	3

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 2020 and 2021.

Summary of Pacific Region Compost Activity 2021								
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	144,307.00	0.00	0.00	0.00	0.00	2,507.00		
Outbound							0.00	95,828.34
Totals	144,307.00	0.00	0.00	0.00	0.00	2,507.00	0.00	95,828.34

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	3,609.00	161,955.00	3,221.00		
Outbound							0.00	102,128.00
Totals	0.00	0.00	0.00	3,609.00	161,955.00	3,221.00	0.00	102,128.00

SUMMARY OF PACIFIC REGION COMPOST ODOR NOTICES

Pacific Region Compost received, responded to, and documented 7 odor notifications in 2021.

Pacific Region Compost Odor Notices								
Month	2014	2015	2016	2017	2018	2019	2020	2021
Jan	1	4	5	2	2	1	0	0
Feb	1	2	7	2	0	0	1	0
Mar	1	0	12	3	0	0	0	0
Apr	1	1	18	3	2	0	3	0
May	9	2	15	10	5	3	7	1
Jun	5	19	2	2	0	4	5	1
Jul	2	5	6	1	0	2	5	3
Aug	16	8	2	1	0	1	3	0
Sep	3	5	0	0	0	3	0	1
Oct	4	17	1	2	1	5	1	0
Nov	1	4	2	0	0	4	0	1
Dec	0	3	3	0	4	9	0	0
Total	44	70	73	26	14	32	25	7

APPENDIX A

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

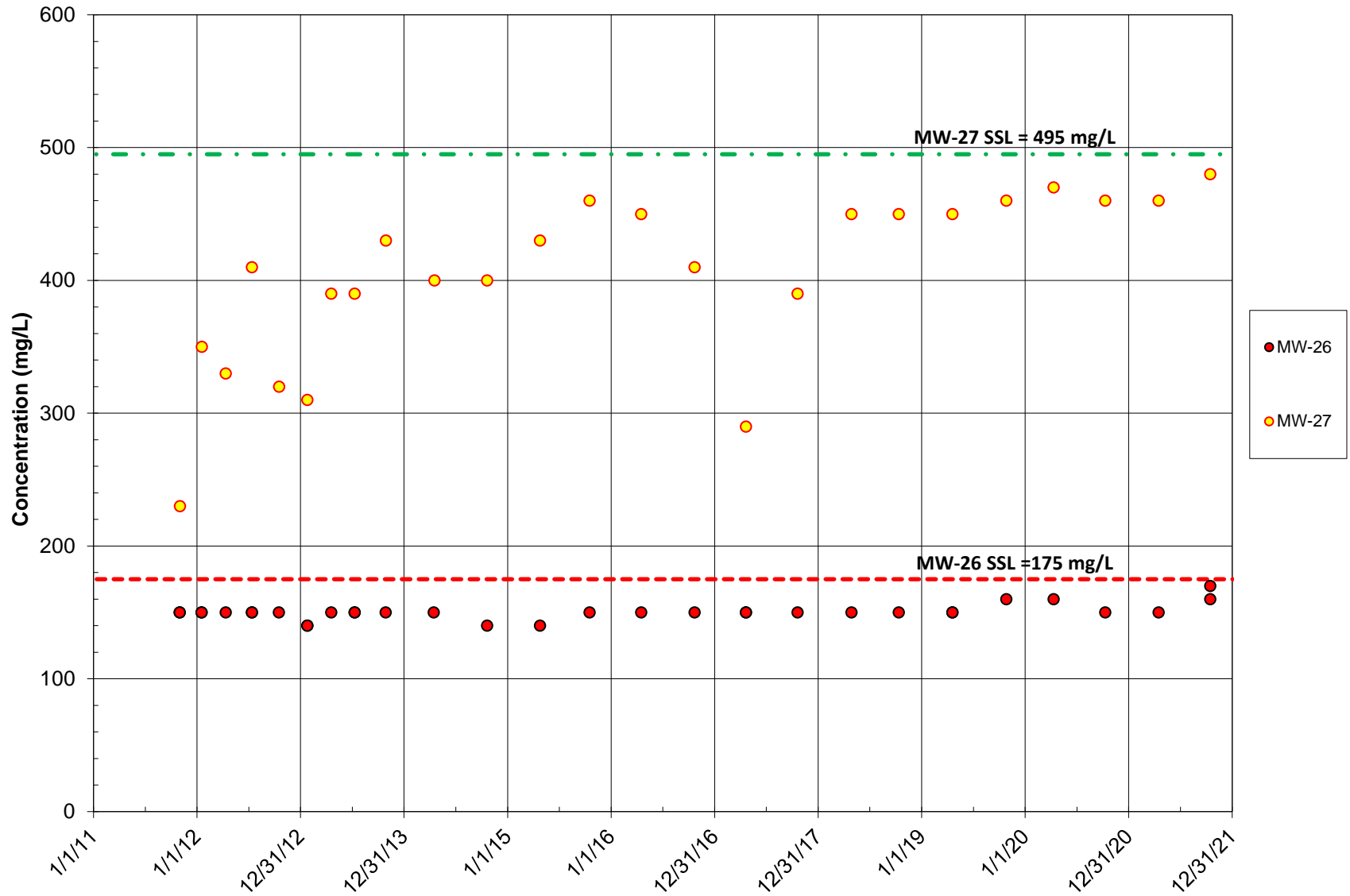
Table 4-2
Comparison of Sampling Results with SSLs
East Side Compliance Wells
2021 Annual Environmental Monitoring Report
Coffin Butte Landfill

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	
4/16/21	150	6.3	200	24	0.21	8.4	0.46	26	
10/15/21	170	5.6	190	26	0.51	10.0	0.71	27	
10/15/21 (dup)	160	5.6	190	25	0.50	9.9	0.70	26	
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	
4/16/21	460	14	480	87	7.6	37	9.5	36	
10/15/21	480	13	470	89	5.7	39	9.6	37	

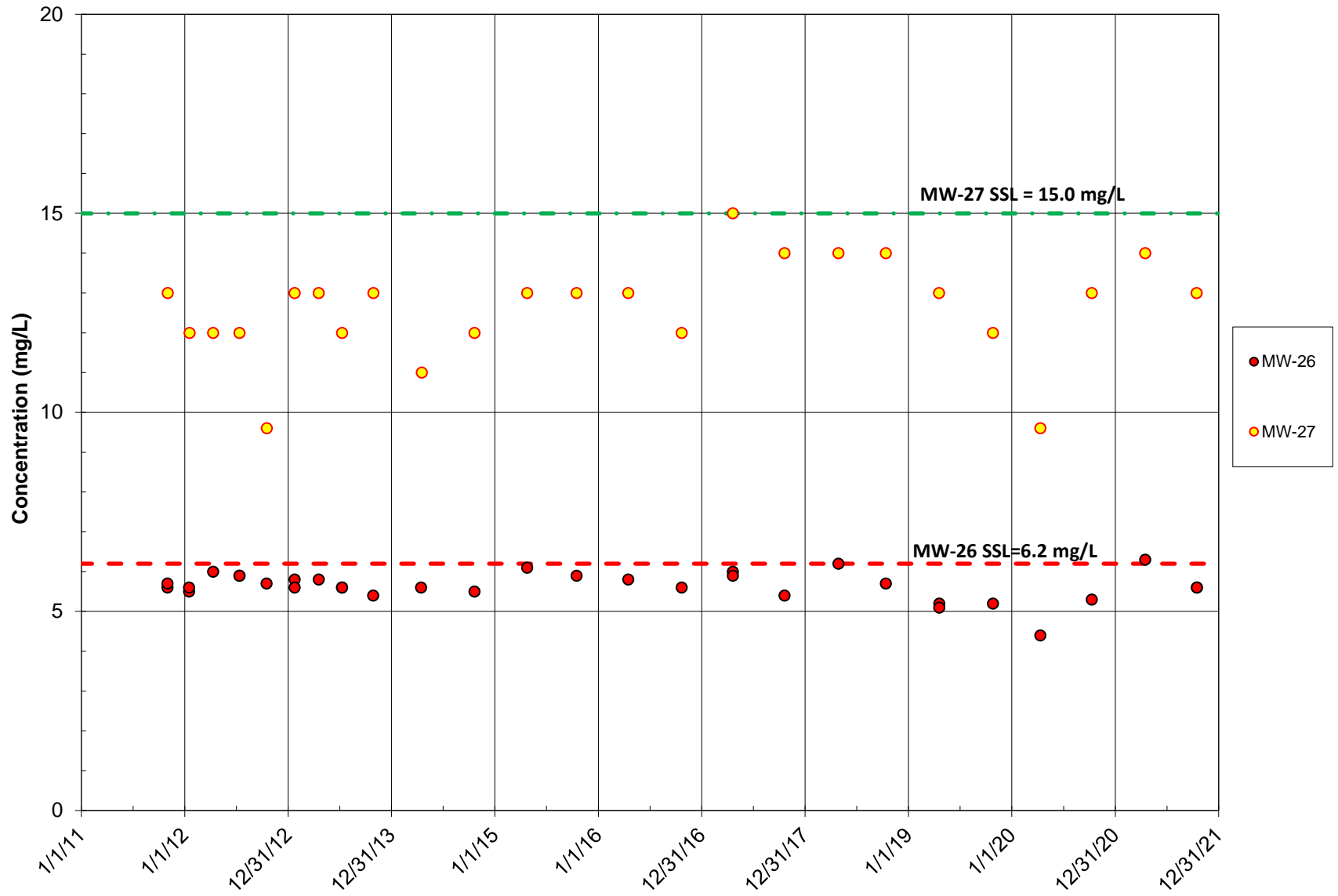
Note:

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

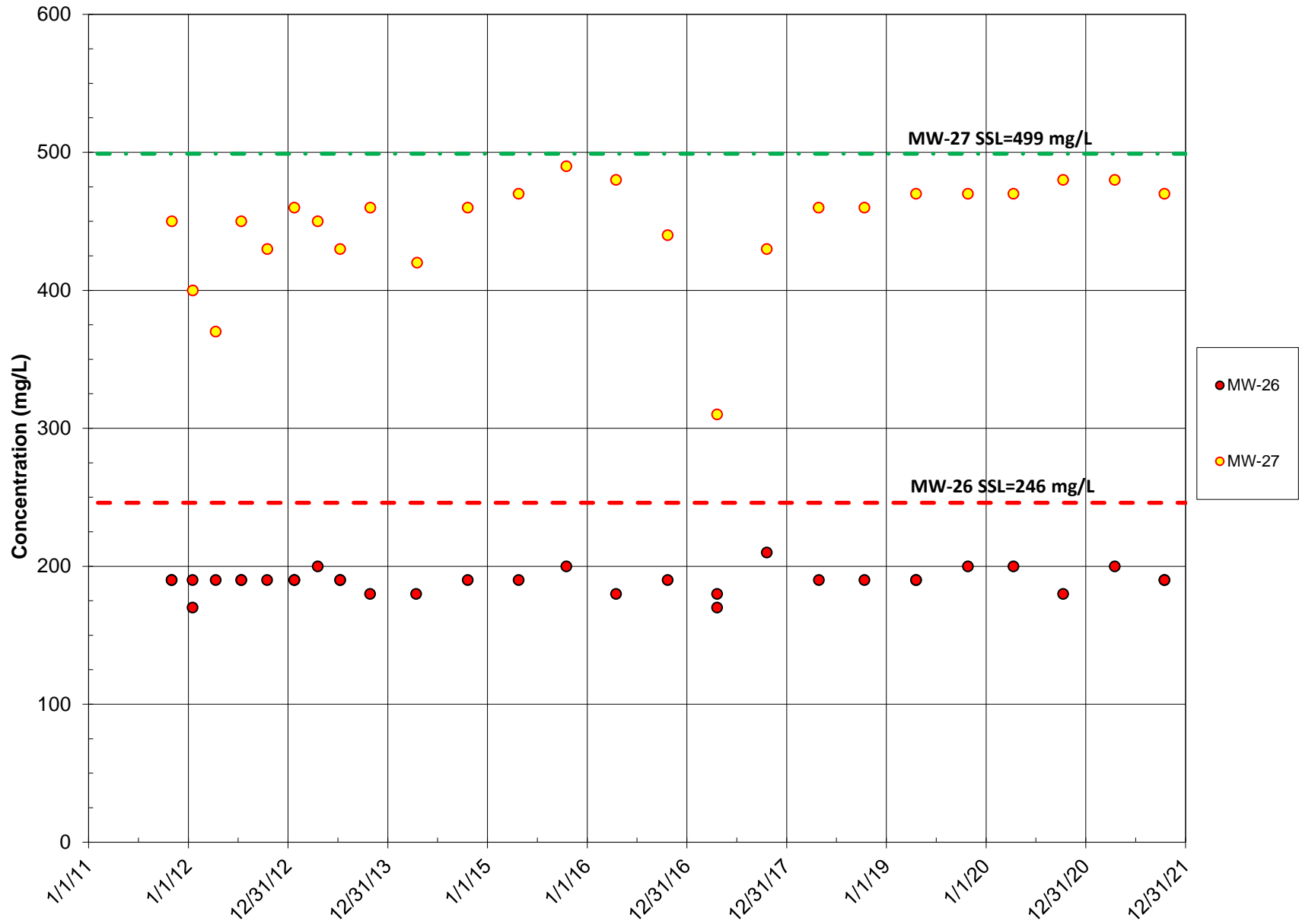
Coffin Butte Landfill East-Side Wells: Bicarbonate Alkalinity



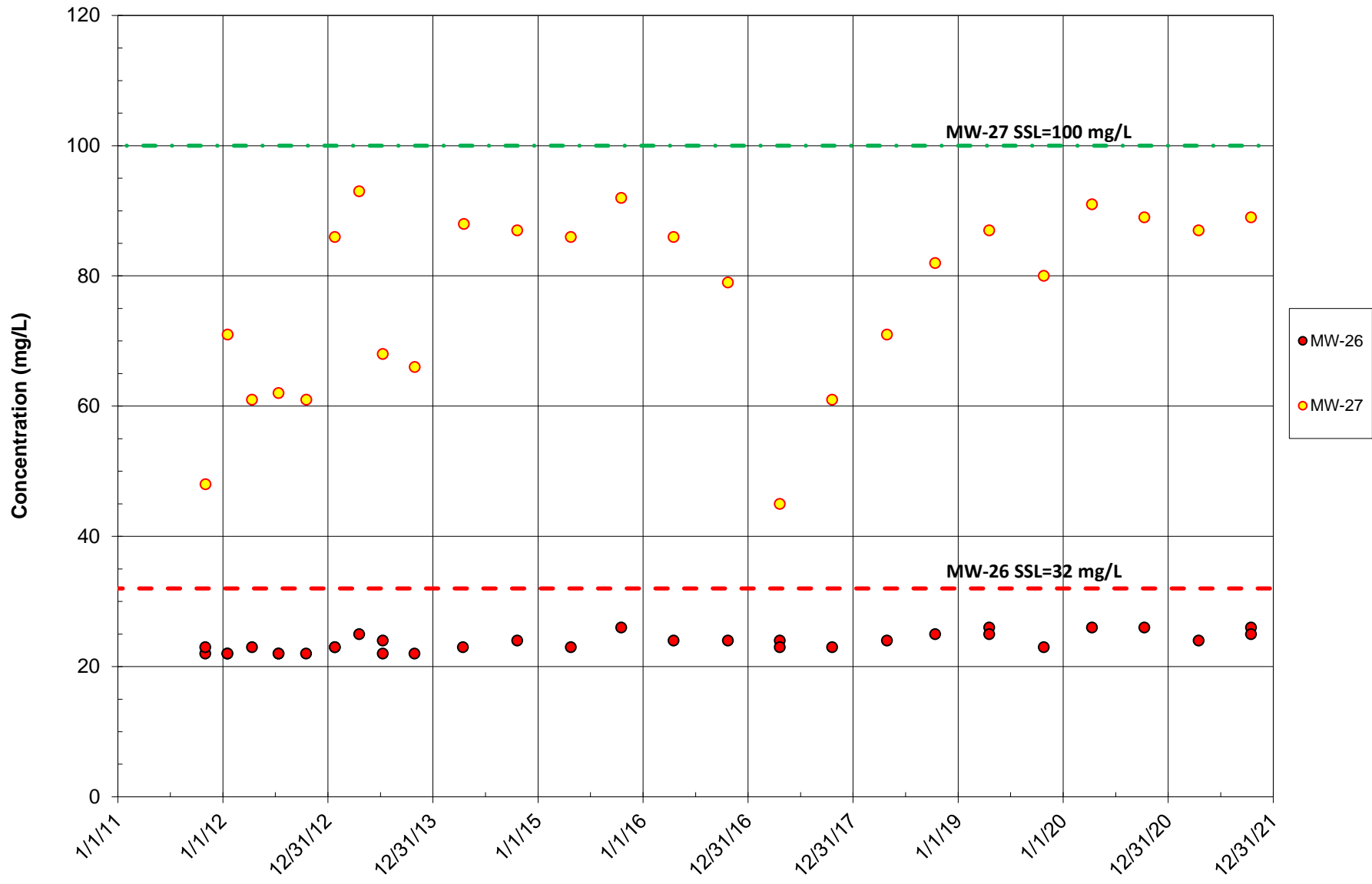
Coffin Butte Landfill East-Side Wells: Chloride



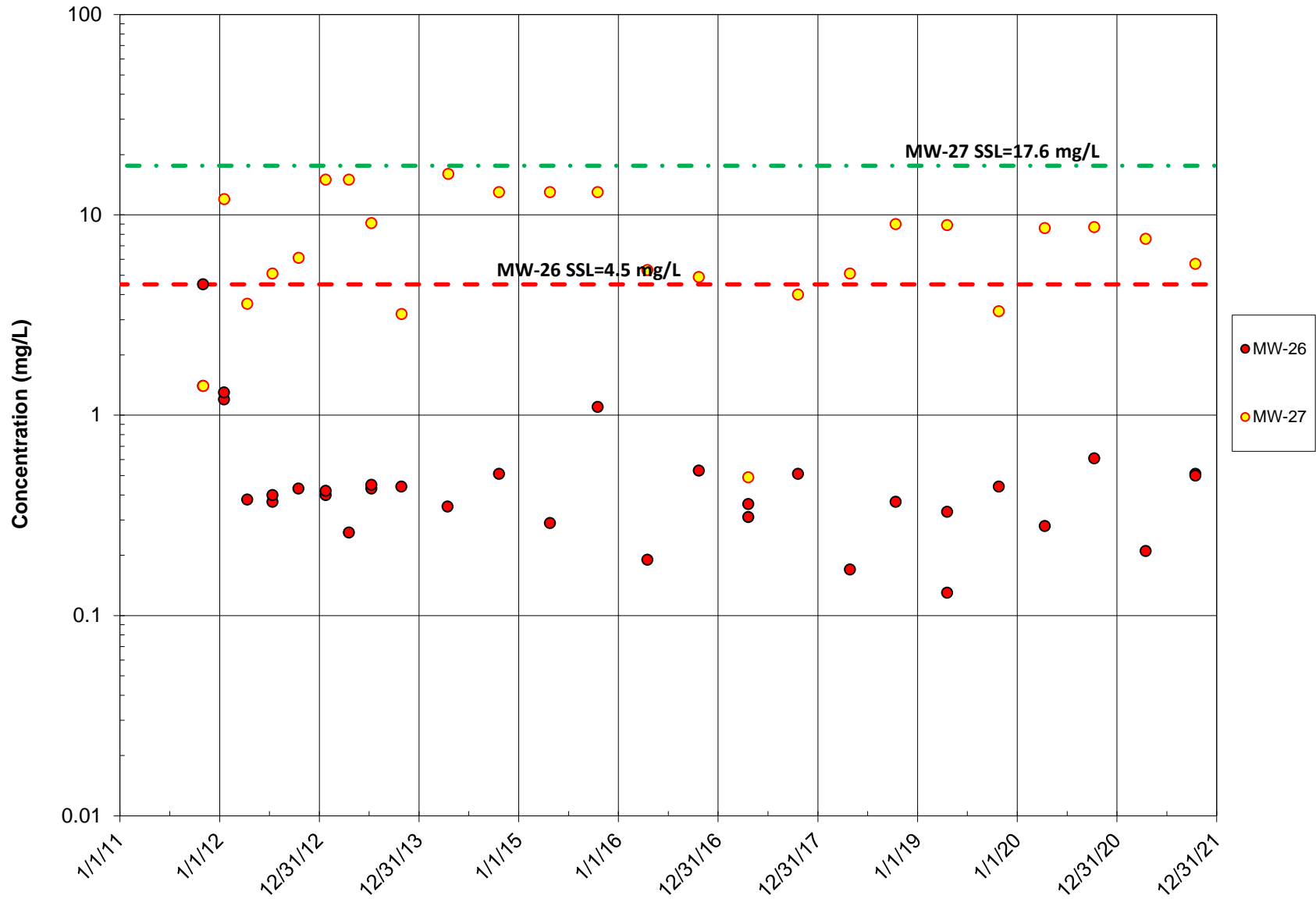
Coffin Butte Landfill East Side Wells: Total Dissolved Solids



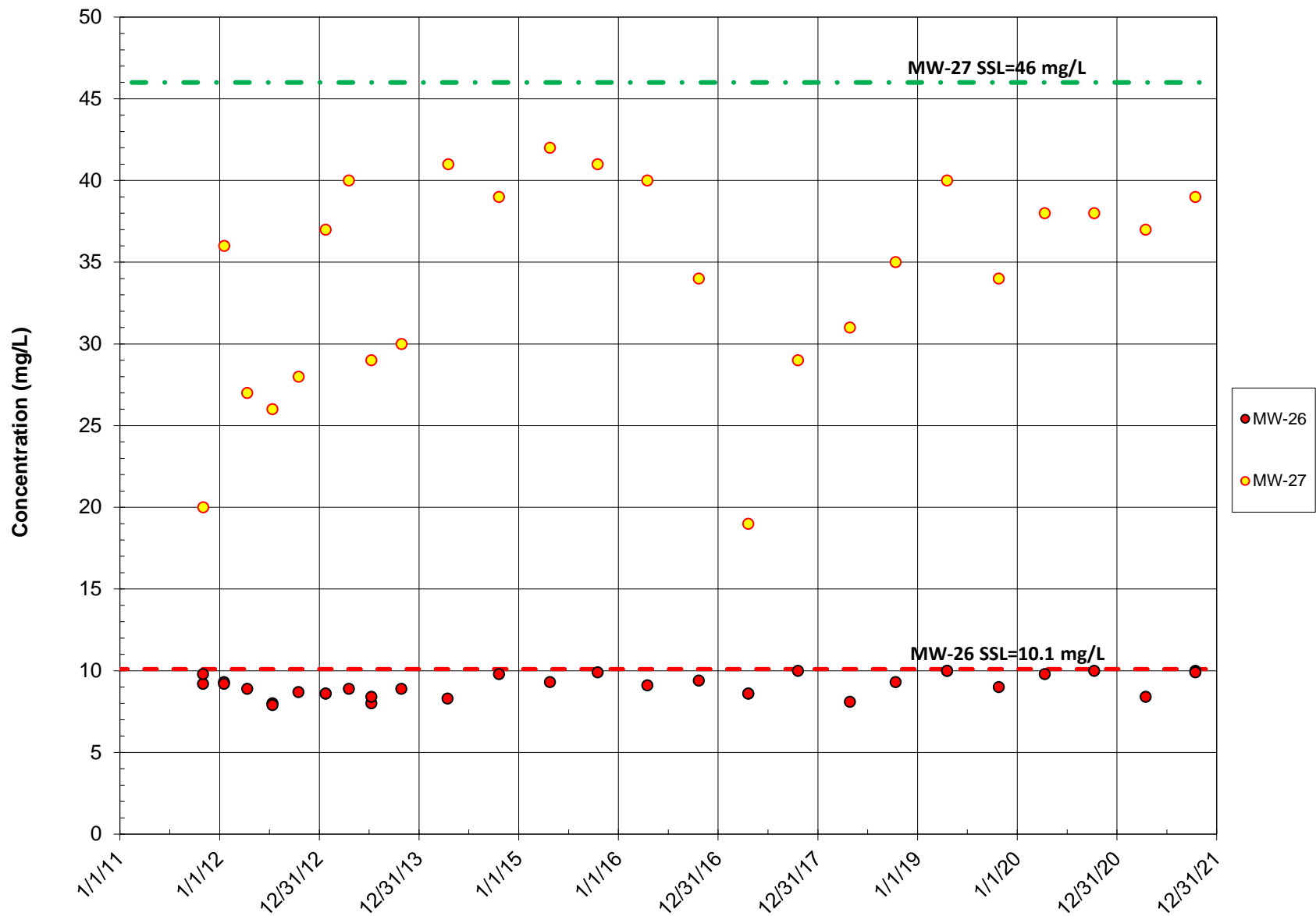
Coffin Butte Landfill East-Side Wells: Calcium



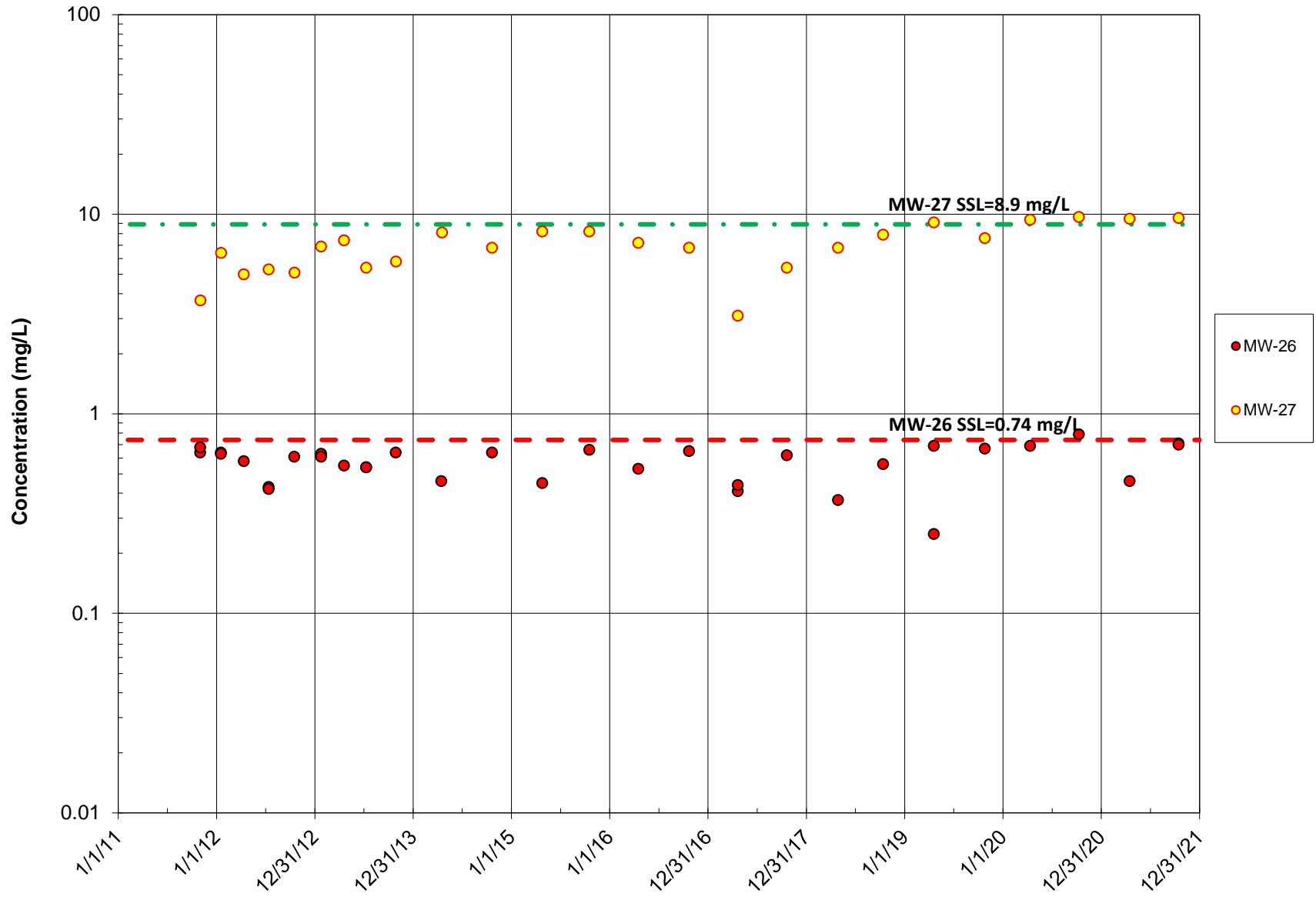
Coffin Butte Landfill East-Side Wells: Iron



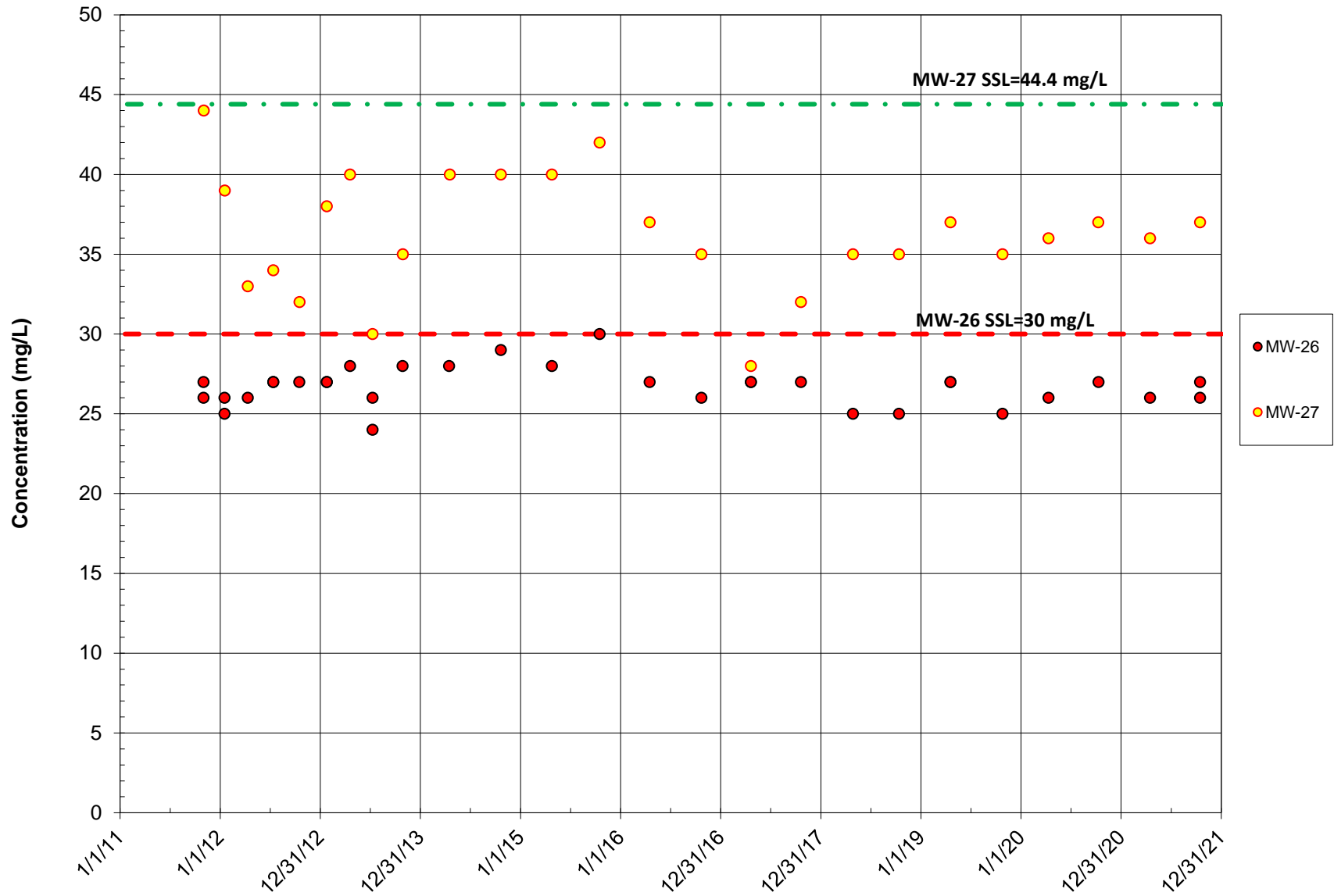
Coffin Butte Landfill East-Side Wells: Magnesium



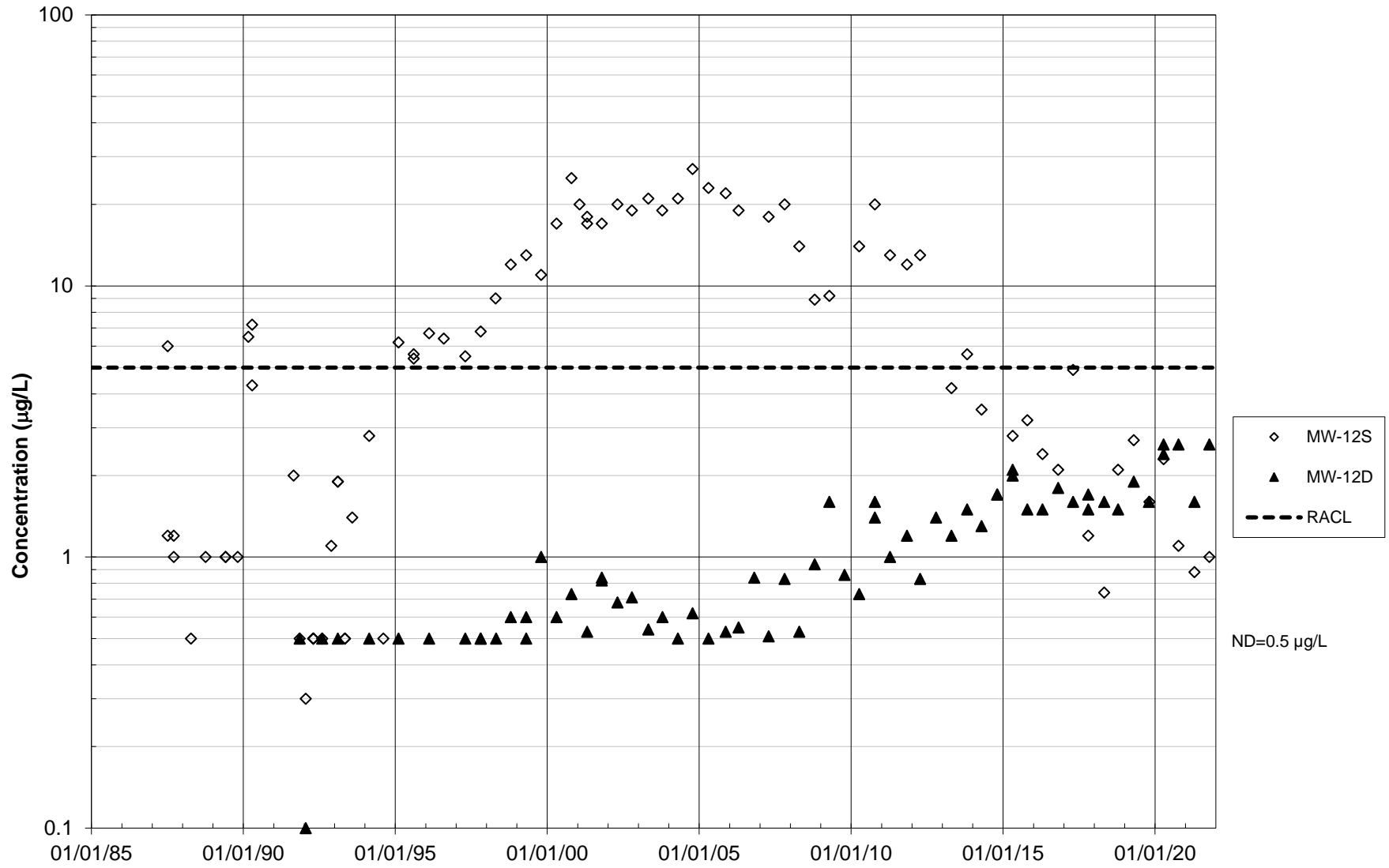
Coffin Butte Landfill East-Side Wells: Manganese



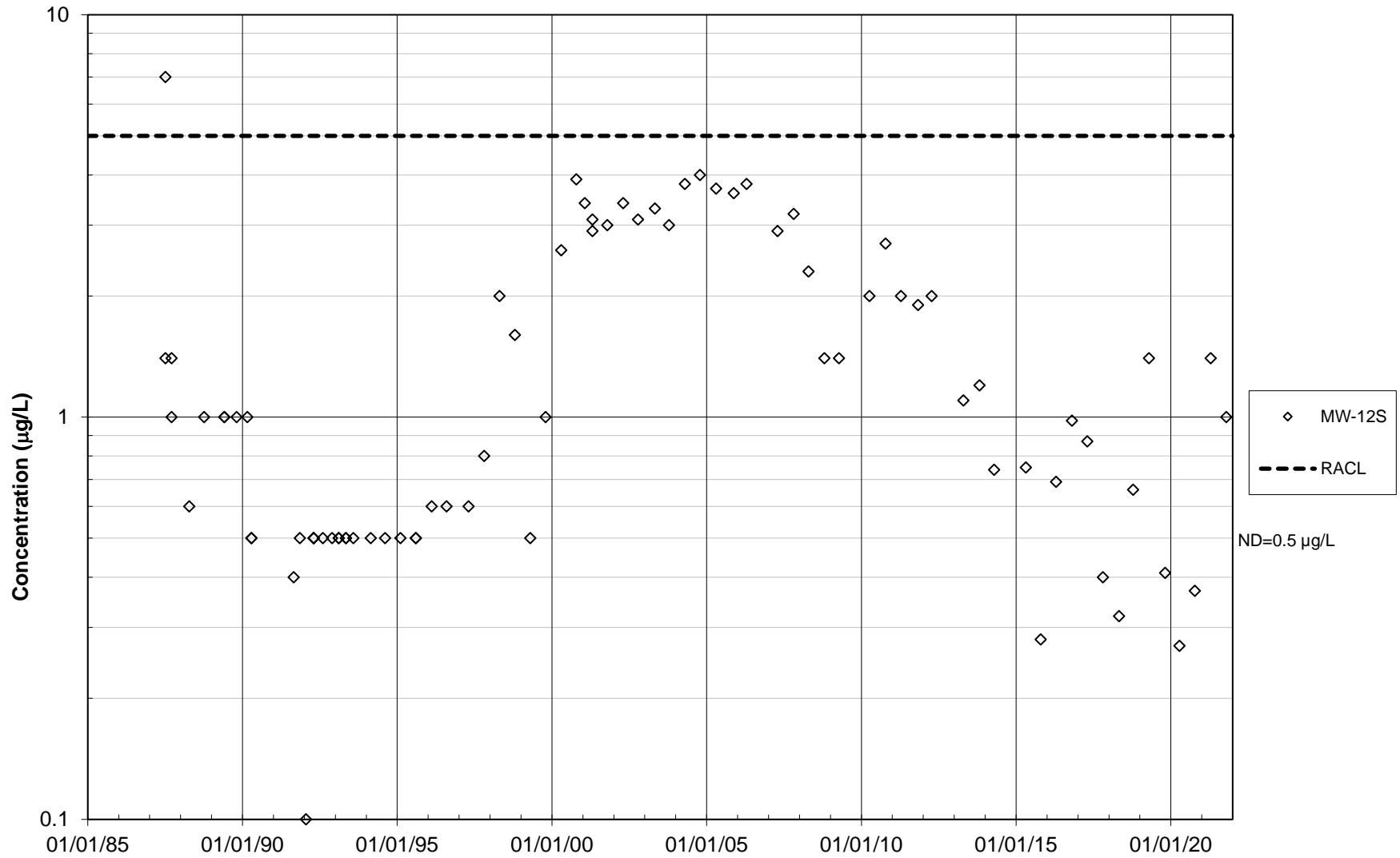
Coffin Butte Landfill East-Side Wells: Sodium



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

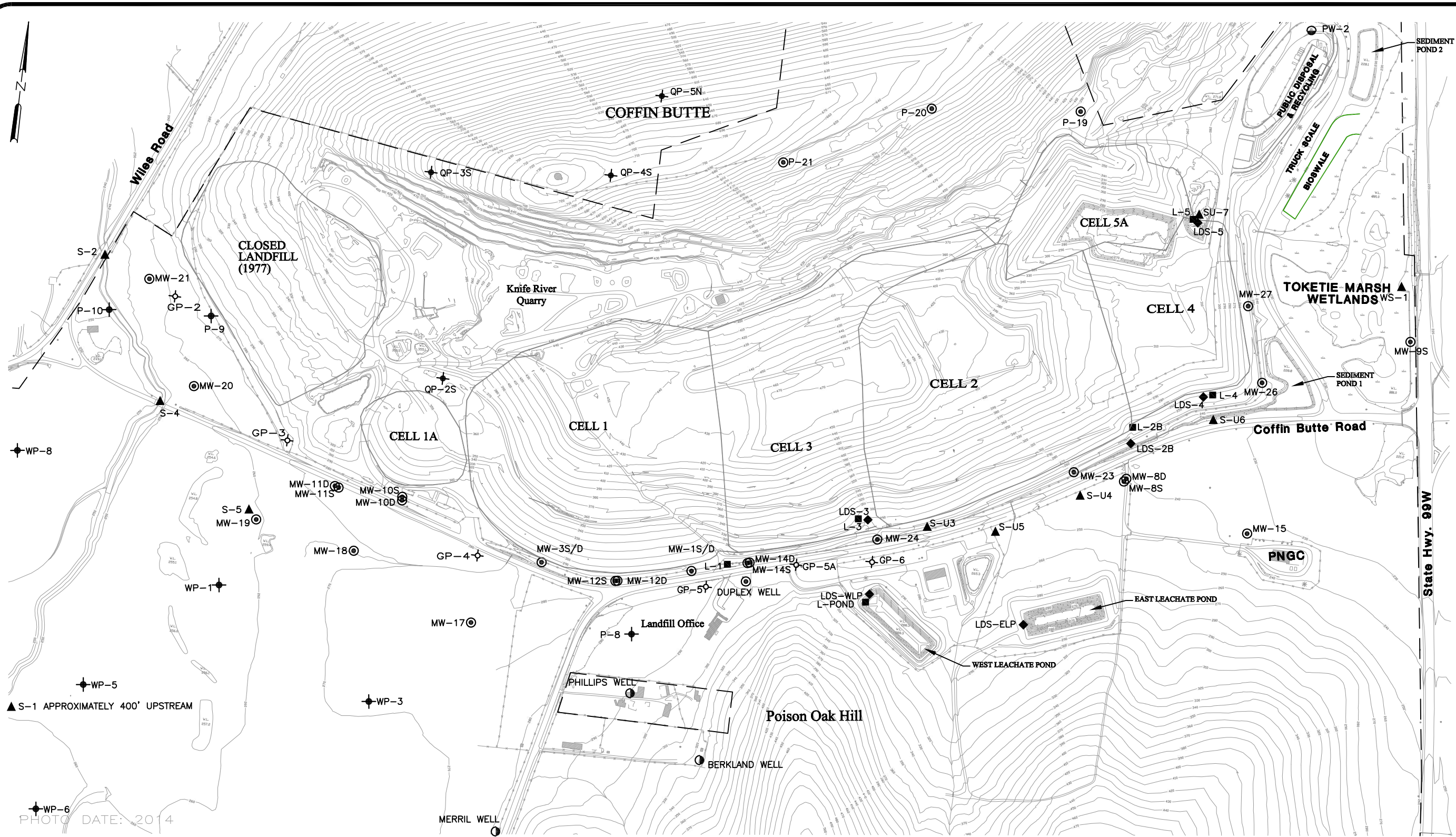


Coffin Butte Landfill
MW-2S and MW-12S: TCE



APPENDIX B

SITE MAP AND WELL LOCATIONS



- | | | | |
|---|-----------------------------|---|----------------------------------|
| ⊙ | 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

Page 1 of 2

DATE (MM/DD/YYYY)
06/30/2022

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 RMANAGEMENT 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		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: ACE American Insurance Co.		22667
INSURER B: Indemnity Insurance Co. of North America		43575
INSURER C: ACE Fire Underwriters Insurance Co.		20702
INSURER D: Illinois Union Insurance Company		27960
INSURER E: ACE Property & Casualty Insurance Company		20699
INSURER F:		


COVERAGES CERTIFICATE NUMBER: 2132109 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 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			HDO G47331067	06/30/2022	06/30/2023	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 \$ 15,000,000 PRODUCTS -COMP/OP AGG \$ 15,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H1073261A	06/30/2022	06/30/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 10,000,000 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 DED <input type="checkbox"/> RETENTION \$			G46782148 006	06/30/2022	06/30/2023	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
B A C A D	<input checked="" type="checkbox"/> 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 C50702145 - AOS WLR C5070192A - MA/OR SCF C50702182 - WI WCU C50702273 - OH XS TNS C68991171 - TX NS/XS	06/30/2022 06/30/2022 06/30/2022 06/30/2022	06/30/2023 06/30/2023 06/30/2023 06/30/2023	<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
	<input checked="" type="checkbox"/> Contractor's Pollution Liability:			See Page 2 for details	06/30/2022	06/30/2023	

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 
---	--

© 1988-2016 ACORD CORPORATION. All rights reserved.



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: 2132109

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 and WA is covered under policy no. WLR C50702145 and stop gap coverage for OH is covered under policy no. WCU C50702273, 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 C68991171) 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.

Umbrella/Excess Liability provides additional limits 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. PPK2432402

Contracting Operations Environmental Liability - \$10,000,000 Per Contamination Incident
Professional Liability - \$10,000,000 Per Incident
Policy aggregate \$10,000,000

Nietfeld Comment

Comment from Paul Nietfeld:

Per the Q1 and Q2 2022 Solid Waste Disposal Reports filed with DEQ, the Coffin Butte landfill has accepted 555,174.15 tons of waste in the first 6 months of 2022, exclusive of Sewage Sludge and Alternate Daily Cover. This compares to 524,731.13 tons for the same period in 2021, a 5.6% year-over-year increase. The intake volume for the first half of 2022 is 50.4% of the maximum annual intake defined in the 2020 Landfill Franchise Agreement (1.1 MTons/year, given no approved expansion onto the Expansion Parcel).

Question from Paul Nietfeld:

Beginning in Q1 2022, the Solid Waste Disposal Reports filed with DEQ by Valley Landfills, Inc. consist of only Page 1 of the form, significantly truncated from the 8-page reports filed for the prior year. Missing from the 2022 reports are pages detailing intake breakdown by county of origin, the ADC worksheets (by county), and the waste tire and sewage sludge detail. Is the new abbreviated report a result of a change in DEQ reporting requirements? Are the missing details available in another document?

Thank you Daniel for serving as conduit for these.

Regards,
Paul

Whitcombe Comment

Nancy Whitcombe
37049 Moss Rock Drive
Corvallis, Oregon 97330

Benton County Community Development
Attn: SWAC, Daniel Reddick
4500 SW Research Way 2nd Floor
Corvallis Oregon 97333

July 14, 2022, update added August 19, 2022

Re: Coffin Butte/PRC Annual Report

Members of the Solid Waste Advisory Council, Mr. Reddick,

I would like to be scheduled on a future SWAC/DSAC agenda to present the following request for additional information.

Since SWAC/DSAC are shortly going to be reviewing the landfill annual report, I suggest they request more granular information be provided by the landfill operator than has been provided in previous years. This would also help Planning Commission/BoC in evaluating future CUP expansions. To the extent practicable, the following information should be provided for as many preceding years as is possible.

1. Disparity in county-of-origin per the Annual Report and DEQ:

According to DEQ, the Benton County wasteshed is about 67,500 tons (about 1,500 lbs per person for a population of about 90,000 persons). But the annual report generally shows more than 100,000 tons of waste originating in Benton County. This is a significant disparity.

Recommendations:

- a) More accurate county-of-origin numbers -- Check drivers' ID for proof of county-of-residence. The most obvious explanation for the disparity is that drivers, thinking that doing so will allow them to obtain a more favorable rate, are disingenuous about actual county-of-origin of the waste.
- b) Until it is possible to reconcile information provided in the Annual Report and information provided by DEQ, include the DEQ wasteshed estimate for reference, that (along with the following "Recommendation" will allow the Council to more easily calculate the percentage of waste that actually originates in Benton County (i.e. for 2018, the "Total Tons" originating in Benton County is shown as 105,813.50, but per the DEQ the MSW generated for that year for the Benton County wasteshed is 67,410 tons). That's a difference of almost 4% -- 10.5% per the report (annual report total, 105,814 Benton County tons to total tons of 1,010,879) versus 6.67% per the DEQ (DEQ total, 67,410 tons to total tons of 1,010,879).

*Update to recommendations: Mr. Reddick has reached out to Oregon DEQ to obtain an explanation for the disparity between DEQ numbers, and annual report numbers. Annual report numbers apparently include industrial, agricultural waste, sewage sludge, asbestos, rock, asphalt, and petroleum-contaminated soil, so we would like from the landfill operator a breakdown by waste type **and** county-of-origin of non-DEQ enumerated waste (i.e. industrial waste, sewage sludge, "alternate daily cover" (aka ash from the Covanta plant), petroleum contaminated soil, etc.*

2. C & D is not separated out for non-franchise vehicles

Recommendation:

This information is collected at the gate. Separate out C&D from MSW in **all columns** in the report. There is frequent discussion of disposing of C&D waste separately, having a good idea of how much total ends up in the landfill would be useful for the Council.

3. The “Private Vehicles” column apparently includes commercial vehicles.

This information is collected at the gate. The “private vehicle” column appears to include waste haulers in large trucks that have no franchise agreement with Republic.

Recommendation:

Most people, seeing “Private Vehicles” think of a guy in a Toyota Tacoma. Separate large commercial vehicles out into a separate column, with an appropriate heading “for example: Other Commercial Vehicles”. Along with the following two recommendations, that will allow the Council to more easily calculate the average weight per commercial vehicle, and thus the burden on the Benton County transportation system.

4. Only “Total Vehicles” are shown.

This information is collected at the gate. Information as presented in the PRC/Coffin Butte annual report is inadequate for the Council, which is charged with paying particular attention to the roads around the landfill, since large heavy waste haulers are significant contributors to road degradation. A hauler weighing in at 20 tons of MSW is going to damage a road in a way that a Toyota Tacoma is not. Large commercial vehicles, such as the truck that overturned on Hwy 20 earlier this year in icy weather, pose traffic hazards that smaller vehicles do not.

Recommendation:

Have separate counts for column 1 (commercial franchise vehicles), (new) column 2 (new column, commercial non-franchise vehicles), and column 3 (private vehicles).

5. PRC

Recommendation:

Include trips generated by PRC

6. Leachate hauling

Recommendation:

The landfill operator knows how many leachate trucks travel from the landfill to Salem/Corvallis treatment plants each day. Provide this information publicly. Provide a count of leachate trucks hauling leachate to treatment in Salem and Corvallis. Leachate trucks are also extremely heavy and the potential for environmental disaster, were one to overturn and spill, is great.

7. Gravel trucks

Recommendation:

Knife River is excavating the quarry for additional landfill expansion. The number/weight of gravel trucks hauling gravel off-site would give a better picture (with leachate hauling information) of the total burden the landfill imposes on the transportation system.

Including this information would allow the Council to make more informed decisions about the impact of the landfill on the transportation system. It is important to have a bigger overall picture of the impacts of the landfill/PRC/leachate disposal/gravel traffic on public utilities.

Thank you very much,

Nancy Whitcombe