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SERVICES

28972 Coffin Butte Rd Corvallis, OR 97330
o 541.745.5792 f 541.230.5534 republicservices.com

January 15, 2025

To: Petra Schuetz, Benton County Community Development Department

Re: Arsenic Memo Addendum

Dear Director Schuetz:

Benton County's consultant, Maul Foster Alongi, requested that Coffin Butte Landfill consider sharing the most recent findings available as it relates to arsenic levels in groundwater monitoring well "MW-59."

We believe this to be a typographical error and that Maul Foster Alongi is requesting information about well MW-9S. This well has been subject to a quintennial sampling schedule (every 5 years) since 1991, as set by the Oregon Department of Environmental Quality.

Groundwater monitoring well MW-9S is located on the landfill's northeast side and has historically had arsenic readings above what is considered the normally occurring "background concentrations" typically found in this geographic region.

Arsenic concentrations in groundwater well MW-9S have ranged from 27 to 41.8 micrograms per liter over the past 30 years. Natural background concentrations for arsenic in the South Willamette Valle (where Coffin Butte is located) is 18 milligrams per kilogram.*

Coffin Butte Landfill conducts groundwater sampling twice a year, in April and October. As part DEQ's split-sampling, well MW-9S was sampled in October 2024. These samples were sent to a third-party laboratory for statistical analysis and it was determined that arsenic concentrations were at 27 micrograms per liter, which is consistent with previous years. The results will be submitted to ODEQ in March as part of our state-required Annual Environmental Monitoring Report (AEMR.)

Well MW-9S was previously sampled in 2019.

**As noted in the attached arsenic memo, dated February 13, 2024.*

Respectfully submitted,

Ginger D. Richardson
Director, Public Affairs
Republic Services