

McCarter, Jennifer

From: McCarter, Jennifer
Sent: Wednesday, July 12, 2023 10:10 AM
To: Jacobson, Linda
Cc: Kilty, Quinn V
Subject: Comanche Groundwater Notification of Concentration Exceedances May 2023 sample event
Attachments: Comanche Station GW Contours 2022.pdf

Hi Linda,

We have received the results of the Comanche sampling event completed May 1-11, 2023 and HDR has completed their data validation. All bottom ash pond wells were sampled plus well W-10B and the Pump Test Well (PTW) during the pump test. This email serves as our notification under Par. 95(d)(i) of the Consent Agreement, that concentrations of cobalt, cadmium and radium exceeded the standard in the May 2023 sample results as summarized in the table below. As a reminder, the pump test well (not shown on attached figures) is located at the south end of the bottom ash pond, near W-6B/6B-1. Well W-11 also exceeded the for BAP GPS for cobalt, similar to past notifications and monthly reports. When W-11 was installed it was described as potentially downgradient of both the BAP and the landfill. However, based on water levels measured since installation, and as shown in the attached 2022 groundwater contour maps, W-11 is not downgradient of the BAP. Therefore, it is not appropriate to compare the results to the BAP GPS, and W-11 is not included in the exceedances table below. This will be discussed further in the annual report. The analytical results for this event were included in the March Monthly Progress Report.

Comanche Station CCR Impoundment May 1-11, 2023 Groundwater Sampling Events*			
Wells with Concentrations over Groundwater Protection Standards			
Appendix IV Parameters with Concentration Exceedances	Cobalt (mg/L)	Cadmium (mg/L)	Radium 226/228 (pCi/L)
GPS	0.0092	0.0063	8.15
W-3B	0.11	0.018	11.7
W-6B1	0.060	0.011	--
W-7	0.020	--	--
W-12	0.029	--	--
W-14	0.0098	--	--
W-16	0.021	--	--
PTW	0.086	NA^	10.8

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