ISAAC FOLI (Affiliate)

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Date: 2025.03.20 11:27:30 -06'00'

From: Batchelder, Terry (CONTR)
To: Foli, Isaac David
Subject: [EXTERNAL] RE: Data Query for Appendix MgO CRA 2026
Date: Thursday, March 13, 2025 8:45:47 AM
Attachments: Response to Data Query for Appendix MgO CRA 2026.docx

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Good morning Isaac,

Attached is the data that you requested for the CRA2026.

If you have any questions please call or email me.

Terry Batchelder
Sr. Waste Handling Engineer
Waste Facility Manager
MgO Project Coordinator
Work Phone 234-8479

From: Foli, Isaac David <idfoli@sandia.gov>
Sent: Wednesday, March 12, 2025 9:24 AM
To: Batchelder, Terry (CONTR) <Terry.Batchelder@wipp.doe.gov>
Subject: Data Query for Appendix MgO CRA 2026

WARNING - EXTERNAL EMAIL
****
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for information.
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Hi Terry,

I am seeking some updated information for the Appendix MgO for CRA-2026. Would it be possible to provide the following?

- The number of MgO release orders purchased from January 8th 2018 – January 10th 2025.
- The number of MgO samples tested for reactivity from January 8th 2018 – January 10th 2025.
- The average reactivity of tested samples from January 8th 2018 – January 10th 2025.

Information Only

For records purposes its best if these figures could be summarized in a reply to this email, or in an attachment to an reply to this chain. Please let me know if there is any additional information I can provide.

Thank you so much for your time,

Best,
Isaac

Information Only

Response to Data Query for Appendix MgO CRA 2026

During the time frame of January 1, 2018, to January 10, 2025, there was a total of 15 release orders which consists of 3000 tons of MgO procured. There was a total of 360 samples taken with the average reactive of 97.7%. The total amount of supersack that were emplaced was 1,571 / 3000 lbs., and 407 / 4200 lbs.

In September of 2022 the MgO project changed independent labs from ALS Fort Collins to Southwest Research Institute.

Start Date	End Date	Rel Order	MgO/ Tons	Sample Amount	AVG Reactivey	
1/1/2018	3/2/2018	FY18-1	250	30	96.1	
10/2/2018	10/30/2018	FY18-2	250	30	98.1	
7/23/2019	8/22/2019	FY19-1	250	30	98.1	
7/17/2020	9/24/2020	FY20-1	250	30	97.9	
8/11/2021	10/31/2021	FY21-1	250	30	96.7	
4/13/2022	9/14/2022	FY22-1	250	30	96.8	
12/19/2022	2/14/2023	FY23-1	125	15	98.5	new lab
2/13/2023	3/17/2023	FY23-2	125	15	97.8	
3/22/2023	4/20/2023	FY23-3	125	15	97.8	
4/24/2023	5/26/2023	FY23-4	125	15	98.2	
5/30/2023	6/30/2023	FY23-5	125	15	97.7	
7/19/2023	8/22/2023	FY23-6	125	15	98	
11/14/2023	2/5/2024	FY24-1	250	30	98.8	
4/16/2024	7/26/2024	FY24-2	250	30	97.1	
10/7/2024	12/20/2024	FY25-1	250	30	97.7	
		15	3000	360	97.7	

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