

## LA-UR-19-28471

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Title: Request for the Mass of MgO currently emplaced in the WIPP

Author(s): Reed, Donald T.  
Offner, Steve

Intended for: Documentation of memo used in CRA-2019 Appendix SOTERM

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## RE: Request for the Mass of MgO currently emplaced in the WIPP

Offner, Steve - NWP &lt;Steve.Offner@wipp.ws&gt;

Reply all |

Wed 8/14, 8:01 AM

Standiford, Daniel (Dan) - FedNet &lt;dan.standiford@cbfo.doe.gov&gt;; R+2 more

You replied on 8/14/2019 8:14 AM.

Hi Dan,

In order to do projections, we would need to know the anticipated shipping / emplacement rates along with the expected CPR content of the waste.

However, this is what has been emplaced by panel through last night (08/13/2019):

Panel	MgO Mass (kg)
1	4,482,355.37
2	6,663,814.74
3	6,435,090.00
4	6,482,715.00
5	5,273,203.50
6	3,314,613.30
7	780,141.05
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Total:	33,431,932.97

Let me know if you have any questions.

*Steve Offner*

**Government Contractor**

**WWIS/WDS Database Administrator**

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**From:** Dan Standiford <Dan.Standiford@cbfo.doe.gov>

**Sent:** Wednesday, August 14, 2019 7:27 AM

**To:** Valentine, Michael - NWP <Michael.Valentine@wipp.ws>

**Cc:** Offner, Steve - NWP <Steve.Offner@wipp.ws>

**Subject:** FW: Request for the Mass of MgO currently emplaced in the WIPP

Good morning Mike/Steve,

LANL Carlsbad needs to know the mass of MgO emplaced to date and any future projections that we have. Could you please respond to the email thread below and provide this information to Don Reed?

Thanks,  
Dan

*Dan Standiford, PE*

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**From:** Reed, Don [<mailto:dreed@lanl.gov>]  
**Sent:** Tuesday, August 13, 2019 5:44 PM  
**To:** Dan Standiford <[Dan.Standiford@cbfo.doe.gov](mailto:Dan.Standiford@cbfo.doe.gov)>  
**Cc:** Russ Patterson <[russ.patterson@cbfo.doe.gov](mailto:russ.patterson@cbfo.doe.gov)>  
**Subject:** [EXTERNAL] Request for the Mass of MgO currently emplaced in the WIPP

Dan,

I am completing documentation for the WIPP recertification application (specifically appendix SOTERM), one of the inventory items that needs updated is the total mass of MgO currently emplaced in the repository. Can you provide me with an updated inventory of the MgO current emplaced in the WIPP (include an "as-of" date). If you have projections out into the future that would be helpful also, but I understand that these data are not usually available.

Thanks for your help.

don reed  
WIPP Actinide chemistry Team Leader  
Los Alamos National Laboratory - Carlsbad Operations.