

EPA Notification of Small Scale Pilot Project - Project Status Update No. 3

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547

Submitted Via Email

March 20, 2026

Mr. Aaron Szabo
Assistant Administrator for Air and Radiation
Environmental Protection Agency
Washington D.C. 20460

Subject: Mosaic Fertilizer, LLC - New Wales Phosphogypsum Road Trial - Project Status Update No. 3

Dear Mr. Szabo:

Condition 3 of EPA's December 20, 2024, approval of Mosaic Fertilizer's small-scale pilot road project requires Mosaic to provide a project status update to the EPA every 90 days following the submittal of the initial project schedule, which occurred on July 2, 2025. Attached is a copy of the updated project schedule.

As described in the project update submitted on December 23, 2025, the modifications to Control Segments 3 and 4 have begun and are anticipated to be complete by April 7, 2026. Upon completion of these activities, the project engineer of record will evaluate the final installation conditions to verify conformance with design standards.

Beyond the Control segment work, our QA/QC review identified two issues with the as-constructed road.

First, some areas of the road's asphalt layer did not meet design thickness. In response, we will adjust the asphalt layer to meet a three-inch minimum thickness.

Second, the base layer was installed at an eight-inch depth, compared to ten inches described in EPA's approval. The eight-inch depth is consistent with FDOT guidelines, and the project engineer has confirmed that the decreased depth will not bias environmental monitoring data or the road suitability evaluation. For those reasons, we are not intending to rework the base layer.

After all repair activities have been completed, a follow-up QA/QC assessment will be performed.

Please contact me with any questions.



Sincerely,
Santino Provenzano
Sr. Director - Environmental

cc:

John Coates, Director Water Resource Management, FDEP
Sharon White, Acting Director EPA Office of Radiation and Indoor Air
Maureen Gwinn, Acting Assistant Administrator EPA, Office of Research and Development
Dr. Timothy Townsend, University of Florida
Atusa Amiri, Mosaic
Patrick van der Voorn, Mosaic
Karen Bennett, Earth and Water Law

Table 1. Project Milestones and Status Updates

Activity Name	Date
Pre-construction	
Submit Schedule to EPA - Completed	6/30/2025
Pre-construction Soil & Groundwater Sampling - Completed	7/24/2025
Pre-construction Radiological Testing/Sampling - Completed	7/30/2025
Pre-construction Review Meeting - Completed	7/31/2025
Collecting Pre Construction Soil & Groundwater Sampling - Completed	8/12/2025
Construction	
All Construction Crew Training - Completed	8/21/2025
Site Mobilization - Completed	8/25/2025
Construction Start - Completed	8/25/2025
Project Status Update to EPA -1 - Completed	9/26/2025
Paving PG Mixes 1, 2, 3 and 4, and Control 1 and 2 - Completed	11/3/2025
Project Status Update to EPA -2 - Completed	12/23/2025
Modify New Control Sections 3 and 4	3/16/2026
Project Status Update to EPA -3	3/20/2026
Mechanically Complete	4/7/2026
Environmental Samples Collected	4/10/2026
Post Construction	
2Q26 Environmental Samples Collected	5/1/2026
Project Status Update to EPA -4	6/16/2026
3Q26 Environmental Samples Collected	7/31/2026
Project Status Update to EPA -5	9/16/2026
4Q26 Environmental Samples Collected	10/30/2026
Project Status Update to EPA -6	12/16/2026

1Q27 Environmental Samples Collected	1/29/2027
Project Status Update to EPA -7	3/16/2027
2Q27 Environmental Samples Collected	4/30/2027
Project Status Update to EPA -8	6/15/2027
Final Environmental Samples Collected	7/23/2027
Final Project Status Update to EPA	9/21/2027