SCS ENGINEERS

May 7, 2025 File No. 25222268.00

Mr. Colin Maus Wisconsin Department of Natural Resources South Central Region 3911 Fish Hatchery Road Fitchburg, WI 53711-5367

Mr. Tyler Sullivan Wisconsin Department of Natural Resources South Central Region 3911 Fish Hatchery Road Fitchburg, WI 53711-5367

Subject: Feasibility Report - Addendum No. 2

Proposed Dane County Landfill Site No. 3 (Monitoring No. 4911, FID #113450480)

4402 Brandt Road, Madison, Wisconsin 53718

Dear Mr. Maus and Mr. Sullivan:

On behalf of Dane County Department of Waste & Renewables, SCS Engineers is submitting four copies of the enclosed Feasibility Report (FR) - Addendum No. 2 for the proposed Dane County Landfill Site No. 3. Dane County submitted the FR on February 13, 2024, and Revised FR Addendum No. 1 on March 7, 2025. Certifications are included in **Attachment 1**.

FR Addendum No. 2 is being submitted to change the proposed maximum intermediate waste grades from 5 percent to 10 percent higher than the final waste grades. The department has approved similar requests at other landfills.

Dane County proposes the following revisions to the noted sections of the FR and Revised FR Addendum No. 1 to reflect this proposed modification:

Section 8.8 of the FR

Replace the existing text with the following:

Dane County proposes maximum intermediate waste grades higher than the final waste grades to allow for settlement. The intermediate waste grades are proposed to be 10 percent higher than the final waste grades, measured from the top of the leachate collection layer. Proposed intermediate waste grades are shown on Plan Sheet 25 – Revised May 7, 2025, included with this addendum. Prior to placement of final cover in a given area, waste grades will be surveyed to ensure design capacity is not exceeded and regraded as necessary to accommodate placement of the composite cover to permitted final grades.

As part of the Plan of Operation for the proposed landfill, Dane County will include the following:



- Closure cost estimates for financial responsibility that include removal and disposal of the waste that is higher than 5 percent of the approved final waste grades.
- Pipe strength and slope stability calculations that account for the maximum interim waste grades.

Section 8.13.3 of the FR

Replace the third paragraph with the following:

Intermediate waste grades and slopes for each phase and cell vary from the final design waste grades and slopes. Final waste grades will be 5 feet below the final cover grades shown on **Plan Sheet 26** (from the Revised FR Addendum No. 1), excluding the 0.5-foot grading layer. Intermediate waste grades may at times be as much as 10 percent higher than the final waste grades when compared to the total depth of waste at a given location, as shown on **Plan Sheet 25 – Revised May 7, 2025,** included with FR Addendum No. 2. Prior to the placement of final cover in a given area, waste grades will be surveyed to ensure design capacity is not exceeded and regraded as necessary to accommodate placement of the composite cover to permitted final grades. It is not uncommon to cut back or fill slight variations in intermediate waste grades prior to final cover placement. **Section 8.8** of the FR provides additional information on intermediate waste grades.

Plan Sheet 25 of FR Addendum No. 1

Replace Plan Sheet 25 from Revised FR Addendum No. 1 with **Plan Sheet 25 – Revised May 7, 2025**, included in **Attachment 2**.

If you have any questions or comments regarding the FR Addendum No. 2, please call Betsy at 608-333-5408.

Sincerely.

Betsy Powers, PE Senior Project Manager

SCS Engineers

Betty J. Socha, PhD, PG Senior Project Manager

SCS Engineers

MRH/BJS/AJR_REO/BLP

cc: Per attached distribution list

Betsy Cowers

Enc: Feasibility Report Addendum No. 2 Distribution List

Attachment 1 - Certifications

Attachment 2 - Plan Sheet 25 - Revised May 7, 2025

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Distribution List Feasibility Report Addendum No. 2 Dane County Landfill Site No. 3 Dane County Department of Waste & Renewables

Delivered at time of Feasibility Report Addendum No. 2 submittal:

Sent to:	Number of Copies:
Mr. John Welch Dane County Waste & Renewables Department	1
1919 Alliant Energy Center Way Madison, WI 53713	(Feasibility Report Addendum No. 2)
Mr. Tyler Sullivan Wisconsin Department of Natural Resources	2
3911 Fish Hatchery Road Fitchburg, WI 53711-5367	(Feasibility Report Addendum No. 2)
Mr. Colin Maus	
Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Fitchburg, WI 53711-5367	1 (Feasibility Report Addendum No. 2)
Mr. Joe Lourigan Wisconsin Department of Natural Resources GEF2 DNR Central Office Madison, WI 53707-7921 Joseph.Lourigan@wisconsin.gov	1 (Feasibility Report Addendum No. 2 electronic copy, Plan Sheet hard copy)
Town of Cottage Grove Clerk 4058 County Road N Cottage Grove, WI 53527 clerk@tn.cottagegrove.wi.gov	1 (Feasibility Report Addendum No. 2)
Madison City Clerk Room 103, City-County Building 210 Martin Luther King Jr. Blvd. Madison, WI 53703	1 (Feasibility Report Addendum No. 2)
Dane County Clerk Room 106A City-County Building 210 Martin Luther King Jr. Blvd. Madison, WI 53703	1 (Feasibility Report Addendum No. 2)
Village of McFarland Clerk 5915 Milwaukee Street McFarland, WI 53558 cassandra.suettinger@mcfarland.wi.us	1 (Feasibility Report Addendum No. 2)

Attachment 1 Certifications

CERTIFICATIONS

"I, Betsy Powers, hereby certify that I am a licensed professional engineer in the State of Wisconsin in accordance with the requirements of ch. A-E4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E8, Wis. Adm. Code; and that to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 500 to 538, Wis. Adm. Code."

Betsy Cowers

Senior Project Manager, PE 32933 Title

_05/07/2025 Date



"I, Betty J. Socha, hereby certify that I am a licensed professional geologist in the State of Wisconsin in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code; that the preparation of this document has not involved any unprofessional conduct as detailed in ch. GHSS 5, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 500 to 538, Wis. Adm. Code."

Senior Project Manager, P

Attachment 2 Plan Sheet 25 – Revised May 7, 2025

