PERMIT RATIONALE FOR REISSUANCE
Greenway Environmental Services LLC., Green Meadow Sustainable Solutions Landfill
Jefferson County
Fayette, Mississippi
Water NPDES No. MSS061514
May 22, 2026

I. FACILITY INFORMATION

Facility Name: Greenway Environmental Services LLC., Green Meadow Sustainable Solutions Landfill
Facility Address: 4451 Highway 61 North
Fayette, MS 39069

Permit No.: MSS061514
SIC: 4953
Permit Writer: Rajeev Gupta
EPD Branch: Water II Branch

II. NATURE OF BUSINESS

This facility is a Municipal Solid Waste (MSW) landfill.

III. EFFLUENT AND RECEIVING STREAM FLOW DATA

Outfall No.	Discharge Type	Total Area Drained	Receiving Stream	Current Status
002	Storm water	253.3 acres	Unnamed Tributary of Folkes Creek	Constructed but will be enlarged
003	Storm water	72.3 acres	Unnamed Tributary of Folkes Creek	Constructed

The discharges from Outfall 002 and Outfall 003 consist or will consist of non-contact storm water runoff associated with construction, development, and operation of the landfill, except for working face runoff and leachate. Storm water which comes into contact with solid waste materials is contained and treated as leachate.

Folkes Creek is designated as Fish and Wildlife and is located in the South Independent Streams Basin. All immediate receiving streams have a 7Q10 flowrate of zero.

IV. 303(d) and TMDL ISSUES

The receiving stream does not appear on the 2024 State of Mississippi 303(d) List of Impaired Waterbodies. This permit complies with the three (3) following applicable TMDLs:

- Total Maximum Daily Load Designated Streams in the South Independent Streams Basin for

Impairment Due to Sediment (Final March 2009; ID# 609032501)

- Total Maximum Daily Loads for The Legacy Pesticides, DDT and Toxaphene, In The Pearl River, South Independent Streams, and Lower Mississippi River Basins (Final Report January 2007; ID# 507010401)
- Total Maximum Daily Load for Nutrients and Organic Enrichment/Low DO for Coles Creek South Independent Basin Jefferson County, Mississippi (Final Report June 2009; ID# 609062901)

V. TYPE OF WASTEWATER TREATMENT:

Sedimentation basins are used to allow settling of suspended solids prior to discharge of non-contact storm water to the receiving streams.

VI. EPA APPLICABLE CATEGORICAL GUIDELINES

Not applicable.

VII. DATA FROM APPLICATION FORM 2F

Outfall 002

Parameter	Maximum Value	Number of Samples
Oil and Grease	< 1.4 mg/L	1
BOD_5	8 mg/L	1
COD	66 mg/L	1
TSS	13 mg/L	1
Total Nitrogen	4.44 mg/L	1
Total Phosphorus	<0.5 mg/L	1
pH	8.18 SU	1

Outfall 003

Parameter	Maximum Value	Number of Samples
Oil and Grease	< 1.4 mg/L	1
BOD	8 mg/L	1
COD	70 mg/L	1
TSS	14 mg/L	1
Total Nitrogen	4.94 mg/L	1
Total Phosphorus	<0.5 mg/L	1
pH	8.3 SU	1

VIII. PROPOSED FINAL LIMITATIONS

Average Permit Limitations

Outfall Nos.	Parameter	Categorical Limitation	Water Quality Limitation	Present Permit Limitation (PPL)	Proposed Permit Limitation	Basis[1]
002 and 003	pH	None	6.0 SU (min)	6.0 SU (min)	6.0 SU (min)	MSWQS
	TSS	None	None	Report (mg/L)	Report (mg/L)	PPL
	COD	None	None	Report (mg/L)	Report (mg/L)	PPL

Maximum Permit Limitations

Outfall Nos.	Parameter	Categorical Limitation	Water Quality Limitation	Present Permit Limitation (PPL)	Proposed Permit Limitation	Basis[1]
002 and 003	pH	None	9.0 SU (min)	9.0 SU (min)	9.0 SU (min)	MSWQS
	TSS	None	None	Report (mg/L)	90 mg/L	SLL
	COD	None	None	Report (mg/L)	Report (mg/L)	PPL

[1] Basis: PPL = Present Permit Limitation; MSWQS = Mississippi Water Quality Standard; SLL = Standard Landfill Limitation

All parameters shall be monitored semi-annually with a grab sample of the effluent. Results will be reported annually on a Discharge Monitoring Report (DMR).

As is found in the existing permit, several conditions for storm event sampling records, SWPPP certification form, and SWPPP development, components, controls, implementation, and amendments are being added to the proposed permit.

One special condition for Outfall 002 is being added. This condition addresses inspections during construction/modification of Outfall 002 and the pond. New SWPPP requirements for all landfills are being added to their NPDES Permits as these permits are being reissued. As a result, one additional special condition of the permit shall be that the permittee shall submit a revised SWPPP within sixty (60) days of permit reissuance.