RATIONALE FOR PROPOSED MODIFICATION

98 Waste, LLC

98 Waste Class I Rubbish Disposal Site

Forrest County

Solid Waste Permit No. SW0180020597

Date of Application: June 30, 2020

1. FACILITY INFORMATION

Facility Name: 98 Waste Class I Rubbish Disposal Site

Facility Owner: 98 Waste, LLC

Facility Address: 979 US Highway 98 East

Hattiesburg, MS 39401

Permit No.: SW0180020597

SIC Code: 4953

Permit Writer: Reed Sanders

Waste Division: Solid Waste Permitting Branch

1. NATURE OF BUSINESS AND CURRENT CONDITIONS

The 98 Waste Class I Rubbish Disposal Site (R1-114) was initially permitted in April 2015 and is authorized to dispose of class I rubbish wastes (e.g. construction and demolition debris, vegetative debris, and other similar non-putrescible wastes). The permitted rubbish disposal area currently consists of 15.02 acres located within a total property area of 269 acres.

Northgate Land and Timber, LLC (same ownership as 98 Waste, LLC) operates a vegetative debris mulching and chipping site on the southern portion of the property. The chipping authorization was approved by letter of authorization on October 30, 2020.

1. PROPOSED SOLID WASTE PERMITTING ACTION

98 Waste, LLC has submitted a solid waste permit application to increase the total, permitted disposal area for the class I rubbish site by 4.98 acres. The new total class I rubbish disposal area for the 98 Waste Class I Rubbish Disposal Site will be 20 acres and will be covered under one individual solid waste management permit, SW0180020597. If the new permit is approved, the existing Certificate of Coverage R1-114 will be revoked.

1. LOCATION INFORMATION

The 98 Waste Class I Rubbish Disposal Site is located on Highway 98 East in Section 7, Township 3 North, and Range 12 West in Forrest County, MS. The total permitted area for rubbish disposal is 20 acres with a total property area of 269 acres.

Access to the 98 Waste Class I Rubbish Site in provided south of US Hwy 98, approximately 2.5 miles east of the intersection of Hwy 98 and Hwy 49.

1. LOCAL SOLID WASTE PLANNING AND ZONING INFORMATION

The proposed permit action is consistent with the Forrest County Solid Waste Management Plan (Plan). On December 10, 2013, Forrest County Board of Supervisors adopted a resolution to include a proposed 20-acre class I rubbish site to be owned and operated by 98 Waste, LLC. The revised Plan was approved by MDEQ under Administrative Order No. 6447 on August 27, 2014.

In addition, a letter dated July 2, 2013 from the Forrest County Board of Supervisors confirmed that the facility is located in an unincorporated area that does not have zoning requirements.

1. APPROVED SERVICE AREA

The Forrest County Solid Waste Management Plan also includes a service area for the rubbish site as approved by the Forrest County Board of Supervisors. The rubbish site will only be allowed to accept solid wastes that originate within this approved service area. This service area includes Forrest, Lamar, Perry and Stone Counties.

1. SITING CRITERIA

Under the Mississippi Nonhazardous Solid Waste Management Regulations (Regulations), an applicant seeking to expand a solid waste facility must demonstrate compliance with a variety of siting criteria.

The application indicates that the 4.98 acre expansion area is contiguous to the southernmost boundary of the currently permitted 15.02 acre disposal area. No changes to the currently permitted siting criteria are proposed and no variances to the siting criteria in the Mississippi Nonhazardous Solid Waste Management Regulations are proposed with the expansion application.

1. GEOLOGICAL INFORMATION AND LINER SYSTEMS

Geologic information submitted by the applicant demonstrates that the expansion complies with the State’s geologic siting criteria for class I rubbish sites. Two borings were advanced from 40-80 feet below the existing ground surface, these were done in addition to the 5 borings done in 2014 for the initial site. The investigation determined that the permeability of the underlying soils were favorable for a natural in-situ liner. Additionally, the bottom of the proposed in-situ liner system is greater than 5 feet above the upper most aquifer. To maintain permeability standards the liner shall range from elevations of 183-179 feet at Boring B-1, and from 179 to 174 feet at Boring B-2. Permeability measurements at these elevations range from 1.9x10-8 to 2.4x10-6 cm/sec, thereby conforming to permeability requirements.

The geologic conditions for the initial site were previously demonstrated by the applicant in their original permit application and remain unchanged from these previous studies.

1. HOURS OF OPERATION AND SITE SECURITY

The application states that standard operating hours are Monday through Friday from 7:30 AM to 4:30 PM, and closed on Saturday and Sunday. Site security is provided by perimeter fencing and locked gates during off hours and by site personnel during normal business hours. Additionally, most of the 269 acre property currently has 20-30 foot pine coverage further limiting access, with “No Trespassing” or other warning signs placed at 500 foot intervals along the fence.

1. WASTE ACCEPTANCE

The class I rubbish disposal areas will only accept and dispose of authorized, nonhazardous class I and some class II rubbish wastes as defined by the regulations. The applicant estimates an average incoming waste tonnage of approximately 300-600 tons per week.

1. WASTE COVER SCHEDULE

Six inches of earthen cover will be applied to the rubbish waste at least once every two weeks. Twelve inches of earthen cover will be applied on all areas that have received no waste for 30 days.

1. FINAL COVER SYSTEM:

Upon closure, a final cover system must be constructed in accordance with State Regulations and the approved closure plan. An updated closure plan describing the final cover system must be submitted and approved by MDEQ prior to beginning final closure activities. The final cover system will be developed with no more than 25% side slopes and a top cap with minimum of 4% slopes. The Highest elevation of the site is 288 feet above MSL (including final cover systems).

1. APPLICANT DISCLOSURE STATEMENT

In accordance with State Law, the applicant filed a disclosure statement describing the company’s structure, key officers and members, other affiliated businesses and any civil or criminal violations. An email was received on March 31, 2020 stating that there were no change in ownership, officers, addresses, subsidiaries, equity, debt liability holders, sister business concerns, civil or criminal violations associated with 98 Waste, LLC since the initial permit application in 2014.

1. APPLICANT CONTACT INFORMATION

John C. Nelson

406 Hemphill Street

Hattiesburg, MS 39401

(601) 582-7662

1. OPERATOR CERTIFICATION

98 Waste, LLC, is required to employ at least one person to manage site operations who possesses a Certificate of Competency as a Commercial Class I Rubbish Site Operator in accordance with Rule 1.6.E.(15) of the Mississippi Nonhazardous Solid Waste Management Regulations. Currently certified operators for 98 Waste include John Nelson (RSO-260 expires April 30, 2021), Johnathon Reid (RSO-323 expires February 28, 2022) and Teesha Hinton (RSO-291 expires July 31, 2023).

1. OTHER ENVIRONMENTAL PERMITS

The undeveloped rubbish disposal area and other portions of the property are authorized for surface mining under Surface Mining Permit P14-013 (issued to John C. Construction, LLC and expires June 30, 2024. Certificate of Coverage Number MSR002414 under the Mississippi Industrial Storm Water General NPDES Permit was issued February 5, 2021 and expirers November 30, 2025.