

# Fact Sheet



## For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on April 08, 2021.

Permit Number: **R30-03900461-2021**  
Application Received: **July 18, 2022**  
Plant Identification Number: **03-54-039-00461**  
Permittee: **City of Charleston**  
Facility Name: **City of Charleston Sanitary Landfill**  
Mailing Address: **PO Box 2749**  
**Charleston, WV 25330**

Permit Action Number: *MM01*    Revised: *December 6, 2022*

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Physical Location: Charleston, Kanawha County, West Virginia  
UTM Coordinates: 445.92 km Easting • 4240.52 km Northing • Zone 17  
Directions: From the city of Charleston, take I-64 East to Exit 98 (35<sup>th</sup> street). Turn right off 35<sup>th</sup> street onto SR61 (MacCorkle Ave SE) and drive approximately 0.15 miles. Turn right onto South Park Road. Follow South Park Road to the landfill entrance.

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### Facility Description

The purpose of this modification is to remove three (3) 50 cfm refuse gas flares (01C-03C) and add one (1) new 140 cfm refuse gas flare (Solar Spark Model CF-10) (03C). These changes were approved under R13-2667C.

### Emissions Summary

There will be no change in the post modification facility-wide PTE as a result of this modification.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 148.74 tpy of CO and 111.53 tpy of PM<sub>10</sub>. Due to this facility's potential to emit over 100 tons per year of criteria pollutant and because the landfill has a design capacity of over 2.5 million megagrams and 2.5 million cubic meters, the City of Charleston Sanitary Landfill is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR13	Construction permit requirement.
	45CSR30	Operating permit requirement.
State Only:	N/A	

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders

The active permits/consent orders affected by this modification are as follows:

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R13-2667C	9/19/2022	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

## Determinations and Justifications

The following changes were made to the Title V permit under this minor modification:

- Section 1.0
  - The former flares 01C-03C were removed from the Emission Units Table and the new flare 03C was added to the Emission Units Table.
  - Table 1.2 was updated because R13-2667C supersedes and replaces R13-2667B.

- Section 3.0
  - The Title V boilerplate was updated.
- Section 4.0
  - Former flares 01C and 02C were removed from conditions 4.1.9, 4.1.11, 4.1.12, 4.2.3, 4.2.6, and 4.3.6.
  - Conditions 4.1.8, 4.1.14, and 4.5.13 were updated with new language used in R13-2667C.
  - Streamlining language was added to condition 4.1.16 to incorporate 45CSR§6-4.1.
  - Condition 4.1.15 was changed to “Reserved”.
  - The Particulate Matter emission limits were added to condition 4.1.16 and the language was updated to match R13-2667C.
  - Condition 4.1.17 was updated with new language and values used in R13-2667C.
  - The passive vent flares were removed from conditions 4.2.5 and 4.4.13 to match language used in R13-2667C.
  - Condition 4.2.6 was removed, as with the new language used in conditions 4.1.8, 4.1.16, and 4.1.17, this condition would no longer apply.

### **Non-Applicability Determinations**

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

### **Request for Variances or Alternatives**

None.

### **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: Not Applicable for minor modifications.  
Ending Date:

### **Point of Contact**

All written comments should be addressed to the following individual and office:

Nikki B. Moats  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

304/926-0499 ext. 41282  
Nikki.b.moats@wv.gov

**Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

**Response to Comments (Statement of Basis)**

Not applicable.