

Connecticut Valley Sanitary Waste Disposal, Inc. (Chicopee Landfill) fact sheet

Applicant: Connecticut Valley Sanitary Waste Disposal, Inc.
161 New Lombard Road
Chicopee, MA

Site: Chicopee Landfill
161 New Lombard Road
Chicopee, MA

Background:

Massachusetts Department of Environmental Protection (MassDEP) has developed a policy to implement a Public Involvement Plan (PIP) which includes enhanced community engagement activities, when certain permits requiring a public comment period are reviewed for projects that are in or near a designated Environmental Justice (EJ) population.

Chicopee Landfill is a sanitary landfill (waste management) facility owned and operated by Connecticut Valley Sanitary Waste Disposal, Inc. located at 161 New Lombard Road in Chicopee, MA. The facility is within a designated Environmental Justice (EJ) Population based on demographic data which includes minority, income, and English isolation. At the facility there is an active landfill gas (LFG) collection system which places the landfill under a negative pressure to prevent migration of landfill gas outside of the landfill property. This system includes an enclosed flare (flare A) and utility flares (flares B and C) that are used to destroy the collected landfill gas.

Separately, Ameresco Chicopee Energy, LLC owns and operates an LFG-to-energy facility. The LFG-to-energy facility and the flares combust the generated landfill gas to minimize odors and greenhouse gas emissions. The LFG-to-energy facility is the primary method of LFG control, with the flares as backup, but gas production from the landfill is decreasing and the generating facility's future operations may be limited.

Proposed:

The facility is proposing to ensure the continued control of landfill gas from the facility by removing the enclosed flare (flare A) and installing a new, smaller, open utility flare (flare D). Flare D will be designed to effectively control landfill gas emissions. This utility flare has more flexibility to control LFG as gas generation (and methane content) continue to decline. The installation of this flare will ensure that the LFG is continuously controlled at high efficiency as the gas generated by the landfill decreases. Flare D will be located on the landfill at an area between hills to minimize visible impacts. Flare D will be continuously monitored for flow and combustion temperature to ensure proper operation.

This application dated 11/06/23, will be reviewed by MassDEP staff to determine if the facility is employing Best Available Control Technology for this type of application. If MassDEP finds that the application meets all requirements, it will issue a Draft Plan Approval for public comment.

Instructions on how to find the online application are included on the back of this fact sheet. Go the website listed below. It is the link to review all online permit applications in the state.

<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>

Put the following information into the search:

In site name: CT Valley

Choose advanced search, Mass DEP, Air

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Public Access Portal

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Massachusetts Energy and Environment
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An Official website of the Commonwealth of Massachusetts



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And you will see:

	Site Name/Park Name ▾ Individual Licensee	Record Type ▾	Category ▾	Project Name ▾	City ▾	Application ▾ Date
1	CT VALLEY SANITARY WAST....	AQ02F	Application	Plan Approval Non-Major Comprehensive	CHICOPEE	11/06/2023
2	CT VALLEY SANITARY WAST....	AQ50-25	Authorization	Emission Cap 50% or 25%	CHICOPEE	02/16/2022
3	CT VALLEY SANITARY WAST....	50-25 Emission Cap	Application	Emission Cap 50% or 25%	CHICOPEE	12/21/2021

Click on the Record Type of AQ02F to review the files for this application. The other application/authorization shown is for a facility emissions cap issued previously.