



DEPARTMENT OF THE ARMY
U.S. ARMY INSTALLATION MANAGEMENT COMMAND
U.S. ARMY GARRISON ABERDEEN PROVING GROUND
BUILDING 4510, 6429 BOOTHBY HILL AVENUE
ABERDEEN PROVING GROUND MARYLAND 21005-5001

Mr. Andrew Grenzer
Chief, Solid Waste Operations
Land & Materials Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230-1719

Dear Mr. Grenzer:

Aberdeen Proving Ground is herewith submitting permit renewal applications for both the capped Phillips Army Airfield Rubble Landfill, Permit number 2019-GWP-3049, with issue date of October 27, 2020 and expiration of October 26, 2025 and the Westwood Landfill, Permit number 2022-GWP-2576 with issue date of July 1, 2022 and expiration of June 30, 2027 (Enclosures 1 and 2). Also included is the still applicable 1998 Verification of Worker's Compensation Coverage (Enclosure 3); maps of the sites (Enclosures 4 and 5); and a copy of the 2025 Groundwater and Methane Gas Monitoring reports for both landfills (Enclosures 6 and 7).

The point of contact for any comments or concerns is Mrs. Vickie Venzen, Environmental Protection Specialist, 6504 Rodman Rd, Building 4304, Aberdeen Proving Ground, (410)306-2260, Vickie.a.venzen.civ@army.mil.

Sincerely,

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LISA.154118094
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Digitally signed by
MARCUM.ANNA-
LISA.1541180946
Date: 2025.09.18 13:11:19
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Anna-Lisa Marcum
Chief, Environmental Division
Directorate of Public Works

Enclosures

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration • Solid Waste Program

1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719

410-537-3315 • 800-633-6101 x3315 • www.mde.maryland.gov

Groundwater Discharge Permit Application For Unlined Rubble Landfills

Authority: Title 9, Environment Article, Annotated Code of Maryland, and Code of Maryland Regulations (COMAR) 26.08.04

Application for: New Permit Renewal Permit

Existing Permit No. 2022 -GWD- 2567 Issued Date: 01 July 2022 Expiration Date: 30 June 2027

Applicant's Legal Name: U.S. Army Garrison, Aberdeen Proving Ground, Vickie A. Venzen, Waste Management Branch, SWPM

Applicant's Status: Individual Corporation Government Other: _____

Corporation or Government Federal Tax Identification No.: _____

Maryland State Department of Assessments and Taxation (SDAT) ID No.: _____

Please note that a business/entity must be registered to do business in Maryland before a permit can be issued. The business or entity's information provided in this application must match the information in the SDAT register.

Proof of workers' compensation coverage is required under **§ 1-202** of the Environment Article. Please provide one of the following:

- (1) A copy of a Certificate of Compliance issued by the Maryland Workers' Compensation Commission; or
- (2) Workers' Compensation Insurance Policy/Binder Number: _____

Applicant's Mailing Address: 6504 Rodman Rd, City: Aberdeen Proving Ground (APG) State: MD Zip Code: 21005-5001

Applicant's Telephone No.: (410) 306 - 2260 Facsimile No.: (410) 306 - 2261

Emergency Contact Name & Title: Vickie A. Venzen, Project Manager Telephone No.: (410) 306 - 2260

Facility/Site Name: The closed Westwood Rubble Landfill

Facility/Site Address: South of Piney Point Road City: Edgewood Area of APG State: MD Zip Code: 21010

County: Harford Maryland Grid Coordinates: 1500807 / 629706 – NA083

County Zoning Map No.: _____ Lot/Parcel No.: _____ Deed/Liber/Folio No.: GCB276 / 101&317

State Legislative District: 34A Local Council/Election District: _____

Bay Tributary Watershed Code: 02130801 (Gunpowder) Latitude/Longitude (Deg/Min/Sec): 39 - 23 - 37.7 / 76 - 19 - 59.2

Site Acreage: 28.08 Landfill Acreage: _____

Nature of Business (describe briefly): _____

The Westwood Rubble Landfill began disposal operation in 1980 and operated under Refuse Disposal Permit Number 1999-WRF-0108. The Westwood Rubble landfill ceased accepting waste as of June 30, 2001. Waste placed in the landfill included: concrete, brick, stone, metal, asphalt, plastic, asbestos and other construction and land clearing debris. The Refuse Disposal Permit specifically prohibited the disposal of controlled hazardous substances, waste containing free liquids, infectious waste, radioactive materials, animal carcasses, chemical/petroleum oil lubricant spill cleanup material, and drums/tanks unless empty and crushed. Final closure for the landfill began in July of 2002 and ended on September 23, 2003 with a final walk through and approval by MDE.

List Other Environmental Permits Held For the Site: (e.g., NPDES-surface water; PSD-air emissions; RCRA-hazardous waste, etc).

None

Wastewater (Leachate) Description:

Infiltration/ percolation through the landfill cell floor

Flow Calculations:

Groundwater elevation data was used to determine the direction of groundwater flow. This data indicates a direction of flow to the West – Southwest. (See attached Groundwater Elevation Contour Map)

Groundwater Characteristics

(Attach Latest Groundwater Sample Results)

Map Of The Facility

This application must be accompanied by a copy of a U.S. Geological Survey topographical map or road map with a scale of 1" = 2000 feet, showing the exact location of the facility.

By signing this form, I the applicant or duly authorized representative, do solemnly affirm under the penalties of perjury that the contents of this application are true to the best of my knowledge, information, and belief. I hereby authorize the representatives of MDE to have access to the site of the facility for inspection and to records relating to this application at any reasonable time. I acknowledge that depending on the type of facility applied for, other permits or approvals may be required.

Vickie Venzen

Signature of Applicant

09/18/2025

Date

Vickie Venzen

Applicant's Name (Print)

Environmental Compliance Branch

Title

This Notice is provided pursuant to §10-624 of the State Government Article of the Maryland Code. The personal information requested on this form is intended to be used in processing your application. Failure to provide the information requested may result in your application not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by Federal or State law.

Privacy Act Notice: This Notice is provided pursuant to the Federal Privacy Act of 1974, 5 U.S.C. §552.a. Disclosure of your Social Security Number or Federal Employer Identification Number on this application is mandatory pursuant to the provisions of §1-203 (2003), Environment Article, Annotated Code of Maryland, which requires the MDE to verify that an applicant for a permit has paid all undisputed taxes and unemployment insurance. Social Security or Federal Employer Identification Numbers will not be used for any purposes other than those described in this Notice.

Instructions for Completing the
Groundwater Discharge Permit Application
For Unlined Rubble Landfills

INTRODUCTION

Section 9-322 of the Environment Article, Annotated Code of Maryland, requires that a permit be obtained to discharge any pollutant into surface or ground waters of the State. "Discharge" means the addition, introduction, leaking, spilling, or emitting of any pollutant to State waters or the placing of any pollutant in a location where it is likely to pollute. Unlined rubble landfills are required by MDE to obtain a Groundwater Discharge Permit.

You are required to supply information concerning the quality of rainwater percolating through the rubble landfill cell floor. MDE will evaluate your completed application and notify you of any additional requirements if necessary.

WASTEWATER (LEACHATE) DESCRIPTION

Provide a description of the process(es) generating the wastewater (leachate) discharge through the landfill cell floor.

FLOW CALCULATIONS

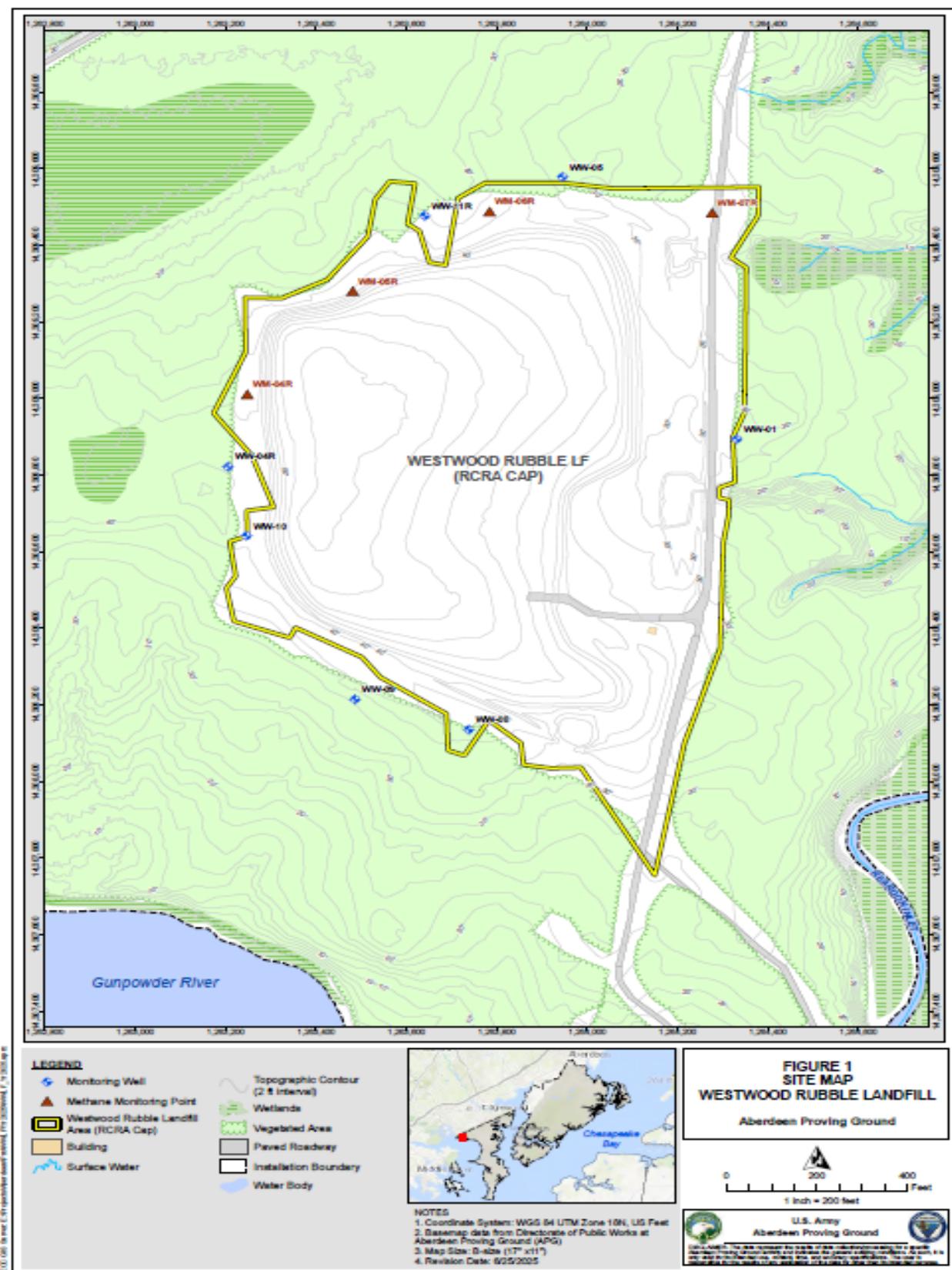
Determine the daily average volume of wastewater (leachate) discharged through the landfill cell floor. The volume must be reported in gallons per day.

GROUNDWATER CHARACTERISTICS

Attach a list of the parameters being sampled in the groundwater, their Practical Quantitation Limits (PQL), and a copy of the latest laboratory analysis report for these parameters. Groundwater samples must be representative of the quality of the groundwater at the facility. Sample collection, transportation, storage and analysis shall be performed in accordance with a plan approved by MDE. MDE reserves the right to require additional groundwater sampling and analysis if necessary.

For questions regarding this application, please contact MDE at (410) 537-3315.

Westwood Landfill



Proof of Worker's Compensation Coverage



DEPARTMENT OF THE ARMY
U.S. ARMY ABERDEEN PROVING GROUND
ABERDEEN PROVING GROUND, MARYLAND 21005-5001
8 August 1998

REPLY TO
ATTENTION OF

Maryland Department of the Environment
2500 Broening Highway
Baltimore, Maryland 21224

Dear Mr. Alhija,

Civilian employees of the Federal Government are covered under Title 20, Parts 1 to 25 of the Code of Federal Regulations for workers' compensation. This falls under the purview of the U.S. Department of Labor, Employment Standards Administration, Office of Workers' Compensation Programs. The Federal Employees' Compensation Act applies to all civilian employees.

Contractor personnel are not covered under this regulation, however, and will require proof of certification as you require when working under this contract.

If you have further concerns or questions, please feel free to contact ~~me~~ at 410-306-1057.2277
INDRA BATRA

Sincerely,

Rachel S. Ashby
Rachel S. Ashby
FECA Program Manager



MDEnviroScreen Report

Census Tract ID: 24025306500

County: Harford



MDEnviroScreen Summary

EJ Score: 54

Overburdened Community: Yes

Underserved Community: Yes

MDEnviroScreen EJ Score Indicators

Pollution Burden Exposure

<u>Indicator</u>	<u>Percentile</u>
PM 2.5	11
Ozone	64.2
Diesel PM	18.4
Cancer Risk	9.5
Respiratory Hazard	2.9
Traffic	16.5
Toxic Release	86.6
Hazardous Landfill	98.7

Pollution Environmental Effect

<u>Indicator</u>	<u>Percentile</u>
Lead Paint	42.4
RMP Facility	82
Superfund	96.9
Hazardous Waste	45.5
Wastewater	81.8
Brownfield	75.8
Power Plant	99.5
CAFO	0
Mining	86.9

Sensitive Population

<u>Indicator</u>	<u>Percentile</u>
Low Birth Weight	14
Asthma Discharge	6.9
Myocardial Infarction	25.7
Lack of Broadband	27.1
Low Income*	42.6

*Low Income is included in Underserved but grouped into Sensitive Population for EJ Score Calculation

*The MDEnviroScreen EJ score represents a combined measure of pollution and the potential vulnerability of a population to the effects of pollution. The EJ score in MDEnviroScreen does not include data from every available map layer. For example, it does not include race/ethnicity or age, however, MDE has made that information available for informational purposes only. Collecting and displaying this data allows users to evaluate the relationships between demographics and pollution burden, and can be used to better understand issues related to environmental justice and racial equity in Maryland. MDE cautions users against using the "Underserved" map layer, or its subcategories, in any manner that would be considered discriminatory under applicable law.