

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](http://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. 2014 -GWD- 2130 Issued Date: \_\_\_ / \_\_\_ / \_\_\_ Expiration Date: 04 /07 /2020

Applicant's Legal Name: Anne Arundel County Department of Recreation and Parks

Applicant's Status:  Individual  Corporation  Government  Other: \_\_\_\_\_

Corporation or Government Federal Tax Identification No.: 52-60000878

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: 1 Harry S Truman Parkway City: Annapolis State: MD Zip Code: 21401

Applicant's Telephone No.: 410-222-7313 Facsimile No.: 410-222-4509

Emergency Contact Name & Title: Christopher Carroll - Chief of Natural Resources Telephone No.: 410-570-6716

Facility/Site Name: Sands Road Park - former Al-Ray Rubble Landfill

Facility/Site Address: 4910 Sands Road City: Lothian State: MD Zip Code: 20711

County: Anne Arundel Maryland Grid Coordinates: E 1,399,849.50 N 428,975.30

County Zoning Map No.: K36, K37 Lot/Parcel No.: 27 Deed/Liber/Folio No.: 14521/page 341, 346

State Legislative District: 30B Local Council/Election District: 7

Bay Tributary Watershed Code: 02-13-11-02 Latitude/Longitude (Deg/Min/Sec): 38-50-38.99 / 76-41-33.81 Site

Acreage: 182.461 Landfill Acreage: approximately 72

Nature of Business (describe briefly): The closed rubble landfill at Sands Road Park is comprised of approximately 182 acres and is located at 4910 Sands Road in Lothian, Anne Arundel County, Maryland. The property is currently owned by the Anne Arundel County Government and is maintained by the County Department of Recreation and Parks. The Anne Arundel County Government acquired the site, including the closed rubble landfill in December 2003. The closed rubble landfill at Sands Road Park was permitted and operated as a construction and demolition debris landfill from 1984 until 1994 by the Al-Ray Concrete Corporation.

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

None

**Wastewater (Leachate) Description:**

Construction materials, white-goods (appliances), tree stumps, and other land clearing debris were accepted at the site in accordance with the facility's operating permit. According to the former owner/operator, no hazardous waste, household waste, or liquid wastes were disposed of at the landfill. The landfill was capped in 1994 with 24 inches of soil below a synthetic membrane and 30 inches above. The landfill is not lined and does not have a leachate containment system.

**Flow Calculations:**

The Anne Arundel County Department of Recreation and Parks does not have the technical capacity to estimate the actual volume of leachate generated within this landfill. If this information is required, the County will need assistance or guidance.

**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.

  
\_\_\_\_\_  
Signature of Applicant

2/20/2020  
\_\_\_\_\_  
Date

Jessica Leys  
\_\_\_\_\_  
Applicant's Name (Print)

2/20/2020  
\_\_\_\_\_  
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.**

## **Attachment 1**

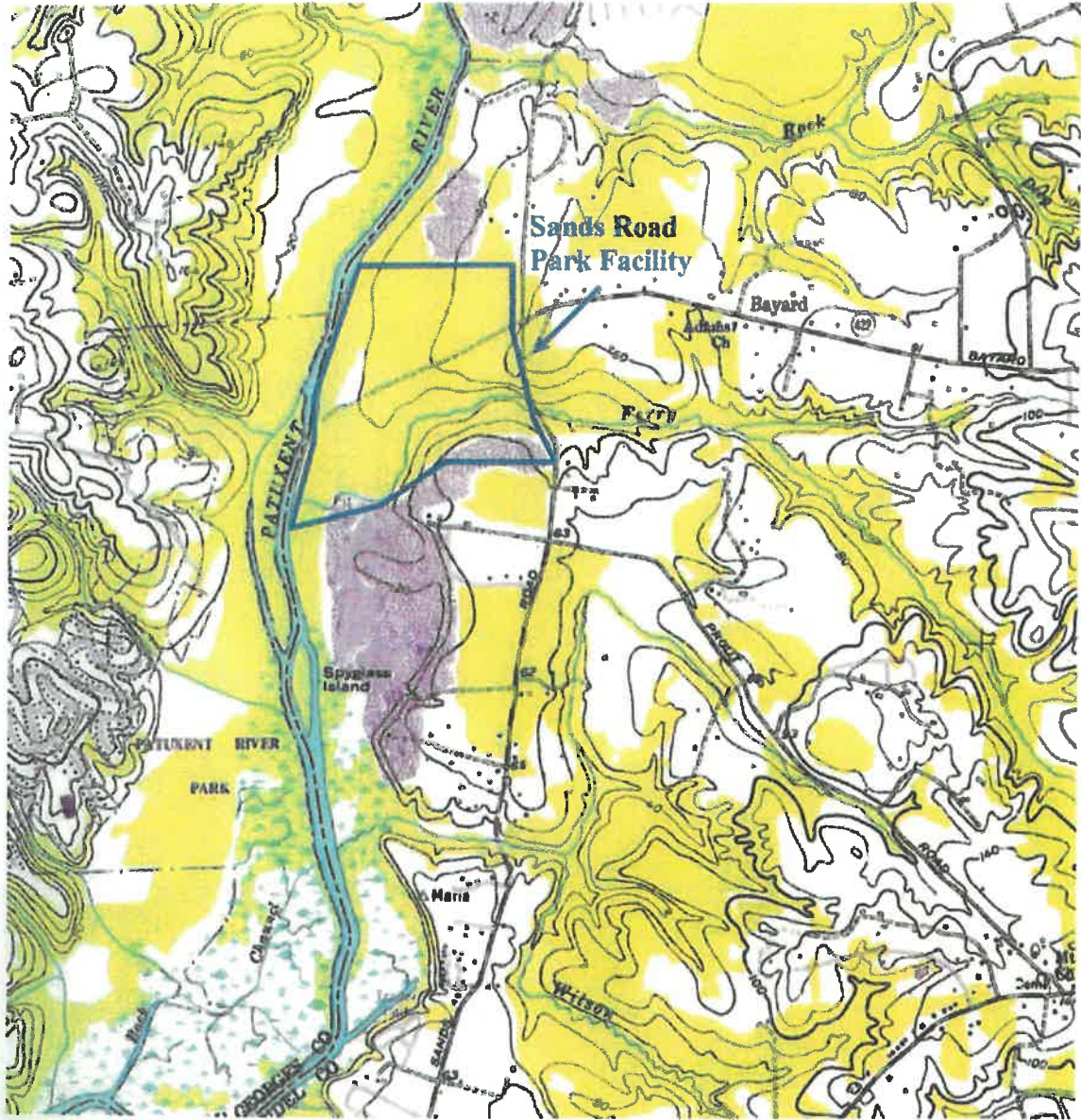
### **Groundwater Discharge Permit Application for Unlined Rubble Landfills**

#### **Sands Road Park – former Al-Ray Rubble Landfill**

Groundwater Characteristics:

The most recent groundwater sample results are on file at MDE.

**Figure 1**  
**Site Location Map**  
Sands Road Park Closed Rubble Landfill  
Lothian, Maryland



Source: USGS Topographic 7.5 Minute Quadrangle - Bristol Quadrangle

