

MARYLAND DEPARTMENT OF THE ENVIRONMENT
LAND AND MATERIALS ADMINISTRATION

SURFACE MINING PERMIT

RENEWAL



SURFACE MINE PERMIT NO.: 77-SP-0094-E

PERMIT EFFECTIVE DATE: September 29, 1977

PERMIT EXPIRATION DATE: December 31, 2025

Pursuant to Title 15, Subtitle 8 of the Environment Article, Annotated Code of Maryland (2014 Replacement Volume) (hereafter, Environment Article), the Land and Materials Administration hereinafter referred to as "the Administration" hereby authorizes the renewal of the above referenced surface mining permit;

PERMITTEE: Howard Sand & Gravel Inc.
P.O. Box 239
Hebron, Maryland 21830


The permittee is authorized to engage in a Surface Mining Operation known as Howard Sand & Gravel and located: on U.S. Route 50 near mile marker 102 in Wicomico County; as described in the approved Mining and Reclamation Plan dated November 30, 2020 and drawings dated October 10, 2015 prepared by Parker & Associates Inc., and drawings dated May 2002 and prepared by Davis, Bowen & Friedel, Inc. The permit area shall not exceed 96.63 acres as shown on the aforementioned Mining and Reclamation Plan and drawings.

PERMIT TO SURFACE MINE NO. 77-SP-0094-E

Page Two

1. Other Authorizations -- This permit is issued in addition to, and not in substitution of, the requirements of other permits or authorizations granted for the surface mining operation. Issuance of this permit does not relieve the permittee of the obligation to obtain and comply with all other required authorizations.
2. Permit Transfer -- The permit is valid only for use by the Permittee and may not be transferred to another unless written permission for such transfer is obtained from the Administration.
3. Permit on Site -- A copy of the approved Mining and Reclamation Plan, and the permit are to be kept at the mining site available for reference during the period that the permit is in effect.
4. Permit Modification -- Any changes in land areas stipulated in the permit, mining or reclamation practices, schedule of reclamation, and planned land use must have the prior written approval of the Administration. The approval shall be requested by submission of an application for a permit modification or new application.
5. Departmental Modification -- The Administration may modify the permit upon giving the permittee notice and providing an opportunity for an administrative hearing.
6. Compliance with Law/Regulation and Permit -- All surface mining operations shall be conducted in compliance with Environment Article §§15-801 through 15-834, Code of Maryland Regulations (COMAR) 26.21.01 through 26.21.04 inclusive, and the surface mine permit. The permit may be suspended or revoked by the Administration for violation of the surface mine law, regulations, this permit, or any other required approval. The location, dimensions, and type of all structures, reclamation practices and all excavation and filling shall be in accordance with the approved Mining and Reclamation Plan and map.
7. Abandoned Operation -- The surface mining operation shall be considered abandoned if no mineral has been produced or overburden removed for a period of one (1) year and the operator has vacated the site of the operation without having complied with all the requirements of the permit.
8. Halted Operation -- The surface mining operation shall be considered halted if active work has ceased temporarily due to weather or market conditions, or other reasonable cause. An operation may not be halted for a period exceeding twenty-four (24) months. All pollution controls shall be maintained during this period.

9. Staking Permitted Area -- The permittee shall mark each corner of the perimeter of the permitted area by placing permanent markers. In addition, the permittee shall place markers along the perimeter of the permitted area no more than two hundred feet (200') apart. The markers shall be no less than three feet (3') above the ground. All of the required markers shall be in place no later than ten (10) days from the effective date of this permit and shall be maintained by the permittee throughout the life of the permit.
10. Haul and Access Roads -- No mud may be tracked onto the public roads. All haul and access roads shall be treated for dust and mud control by the permittee as required by approved Mining and Reclamation Plan and drawings. Should these methods fail to control the dust and mud, the permittee shall treat the roads as directed by the Administration.
11. Completion of Reclamation -- Reclamation activities shall be completed in accordance with the approved Mining and Reclamation Plan and drawings no later than six (6) months after termination of mining on any segment of permit area.
12. Annual Mining and Reclamation Report -- At the end of each calendar year, but before March 31 of the succeeding year, the permittee shall submit an annual mining and reclamation report to the Administration on a form prescribed and furnished by the Administration.
13. Compliance with Non-Tidal Wetlands Regulations -- Maintenance, including excavation or dredging, of wash ponds or sediment control structures is authorized under this permit and COMAR 26.23.01.02.F. Non-tidal Wetlands created incidental to the mining activity authorized under this permit may be reclaimed in accordance with the approved Mining and Reclamation Plan. Any wetlands remaining upon completion of the reclamation authorized by this permit will be regulated pursuant to COMAR 26.23.01 through .06.
14. Annual Permit Fee -- The permittee shall remit an annual permit fee of \$1000.00. The annual fee is due by December 31, of each year. Failure to submit the fee by the prescribed date shall be considered as a violation of this permit subject to further administrative action.
15. Performance Bond -- The required bond(s) for the above referenced permit consist of Irrevocable Letter of Credit number 011075501 issued by The Bank of Fruitland in the amount of \$26,250.00., Certificate of Deposit number T-0002691 issued by the bank of Delmar in the amount of \$ 15,675.00, and irrevocable Letter of Credit number 18107246-00-000 Issued by the PNC Bank in the amount of \$22,875.00, Certificate of Deposit number 4918916085 issued by Bank of Delmarva in the amount of \$26,250.00. Failure to maintain the required bond may result in the suspension/revocation of the permit and forfeiture of the bond.


Molly Michaelson, Program Manager
Mining Program

12/18/20
DATE

**Maryland Department of the Environment
Land Management Administration**

Minerals, Oil & Gas Division
1800 Washington Boulevard, Suite 655
Baltimore, Maryland 21230

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

POSITION REPORT

To: FILE

From: John Northam

Date: December 16, 2020

**RE: Position Report
77-SP-0094-E
Howard Sand and Gravel**

Approved: mm

Date: 12/18/20

The renewal process is complete. Inspection to complete the renewal process can be referenced in field report dated December 16, 2020. It is recommended the permit be renewed every five (5) years. All fees have been paid and Wicomico County Soil Conservation District (SCD) approval is valid until February 18, 2021. The annual fee of \$1000.00 is due by December 31st of each year and the expiration date shall be December 31, 2025.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration

Mining Program

Minerals, Oil & Gas Division

1800 Washington Boulevard Ste. 655, Baltimore, Maryland 21230

410-537-3557



Surface Mine Inspection Field Report

Mine Inspector: John Northam
Permittee: Howard Sand & Gravel, Inc.
Site Name: Howard Sand & Gravel
Address: P.O. Box 239, Hebron, MD 21830
County: Wicomico
Contact Person: Joe Beach

APPROVED: mm

DATE: 12/18/20

Permit Number: 77-SP-0094 Expiration Date: December 31, 2025
SCD Approval Expiration Date: February 18, 2021
NPDES Number:

Inspection Date: 12/1/2020
Type of Inspection: Annual
Site Status: Active
Site Condition: Compliant

Approved Permit Acreage: 96.63
Estimated Open Acres: 75

SITE EVALUATION REPORT

MINING PLAN

1. Are the necessary sediment controls in place?
2. Functioning properly?
3. Are all disturbances within the approved permit limits?
4. Is the disturbed acreage allowance being maintained?
5. Are the required setbacks being maintained?
6. Are haul roads being maintained?
7. Are measures being taken to control mud and dust?
8. Is topsoil stockpiled within permit limits?
9. Has the pile been stabilized?
10. Is overburden stockpiled within permit limits?
11. Is a wash plant within the permit limits?
12. Are the wash ponds being maintained and cleaned out?
13. Are the wash fines being utilized as backfill for reclamation?

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RECLAMATION

14. Is the approved reclamation plan being followed?
15. Is reclamation concurrent with the mining operation?
16. Is overburden being utilized in the reclamation?
17. Is topsoil being utilized in the reclamation?
18. Is the vegetation sufficient on reclaimed areas?

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PHOTOS



Figure 1: Google Earth™ Aerial Photo.

Permit No. 77-SP-0094

APPLICATION AND MINING AND RECLAMATION PLAN
FOR SURFACE MINING PERMIT
RENEWAL

I. GENERAL INFORMATION AND FEES

1. Name of applicant: HOWARD SAND & GRAVEL INC.
2. Current License Number: -SL-0015
3. Business Mailing Address:
P.O. BOX 239
HEBRON, MD. 21830
4. Business Telephone Number: 410-742-6624
Business Fax Number: NA -
5. Workers Compensation Insurance Number: 209646422
CHESAPEAKE EMPLOYERS INS.
6. Name of Operation: (for example #1 pit or Smith Tract)
HOWARD SAND & GRAVEL INC.
7. Location of Operation
 - a. County: WICOMICO
 - b. Travel Directions: ROUTE 50 NEAR MILE MARKER 102
8. Name and address of surface land owner (s)
APPLICANT
9. Name and address of mineral owner(s)
APPLICANT
10. Email address: JOE.BEACH52@COMCAST.NET
Consultant Email: NA
11. Commercial name of mined products and geological description of the mineral deposit:
CONCRETE SAND, MORTAR SAND, FILL DIRT, TOPSOIL, GRAVEL
12. Starting date of mining operation: 1/1962 Estimated closure date: 2030 ESTIMATED
13. Total acreage of the operation:
96.63

II. CURRENT CONDITIONS

A. Describe the original permit and any approved modifications. (i.e. number of acres permitted, phasing etc.)

27 ACRES ORIGINAL PERMIT - ALL RECLAIMED + Released
MODIFICATION "A" 20.9 ACRES - PERMANENT IMPOUNDMENT + FARMING
MODIFICATION "B" 21.0 ACRES - IMPOUNDMENT + FARMING
MODIFICATION "C" 18.3 ACRES - IMPOUNDMENT
MODIFICATION "D" 21.0 ACRES - MINING IMPOUNDMENT
15.43 ACRES - PLANT SITE

B. Describe the existing conditions of the permit area by phase or section.

See ABOVE

C. Provide a description of the reclamation completed at the site, include number of acres reclaimed and the specific type of reclamation.

PERMANENT IMPOUNDMENT WITH
VEGETATED SIDE SLOPES
27 ACRES ORIGINAL RECLAIMED - AGRICULTURE
& IMPOUNDMENT

D. Where off site fill is authorized provide the following:

1. Source(s) of fill:

2. Describe the material.

3. Number of acres being filled

N.A
N.A
N.A

4. Elevation of current fill compared to original elevation:

6'-8'

Note: Final grades of a site after reclamation may not exceed approximate pre-mining contours at the site except where post mining land use requires minimal variation and is approved by the Department.

E. Provide an estimate of the current reclamation cost for the site and how this figure was derived.

4-1 Slope topsoil Placed & seeded
the rest is impoundment
NOT SURE HOW TO estimate
WORK ON IT INTERMITTLY

III. MUD AND DUST CONTROL:

A. How is mud and dust being controlled on haul and access roads?

Water Truck

Power broom & scraper

Spray Bar

Wheel wash

Other:

Hauling wet material on Haul Roads &
FARM IRRIGATION, HAND BROOM ON ENTRANCE

NOTE: Mud or dust tracked onto public roads shall only be cleared by broom or scraper. The material removed from the public roads shall be returned to the active pit. No material shall be washed from public roads unless it is directed to an approved sediment control device.

B. Is this effective? If not what revisions have you made?

Yes

C. Have you received complaints about lack of mud and dust control from the public?

NO, NEVER

D. If off site fill is being imported for reclamation describe the methods used to control dust and mud from the fill area and access roads. Off site fill is not authorized unless specifically approved in the permit.

Water Truck

N.A

Power Broom & scraper

Spray bar

Wheel wash

Other:

IV. Status of other permits required

Permit or Approval	Permit number	Date issued	Expiration Date
a. Soil Conservation District	NA	2/18/16	2/18/21
b. Zoning	WA-1404-20A	10/29/20	10/31/25
c. Water Appropriation Permit	WI 19655002 (03)	11/1/10	11/1/22
d. Wetlands/ Waterway Construction Permit	NA		
e. NPDES Discharge Permit	MDG 490411	2/2/18	4/30/22
f. Other permits	NONE		

V. What are the anticipated activities at the site for the next renewal period? (next 5 years)

Continued MINING as always

VI. Miscellaneous or minor changes: List any miscellaneous items or minor changes such as revised grass seed mixture, changed in final reclamation, type (Such as vegetated open space to agricultural use).

N.A.

(Section VII. Is only to be completed for sites that are approved for the use of explosives)

VII. BLASTING PROCEDURE:

N.A.

1) Describe the basic elements of the production blasting procedure to be utilized at this site.

a) Blast hole diameter:

b) Bench Height:

c) Stemming Height:

d) Burden:

e) Spacing:

f) Stemming Type:

2) State the average number of holes and rows in a typical blast and the average amount of explosive used per delay.

3) What is the typical frequency of blasting for:

Production:

Toe Shots:

Strip Shots:

How are oversize boulders handled?

Note: A written log must be maintained by the driller and presented to the blaster in charge prior to loading any holes.

4) Describe how the blasts will be monitored for air blast and ground vibration.

5) Will there be any blasting conducted within:

a) 1,000 feet of (check all that apply)

- | | | |
|---------------------------------|--------------------------------------------|-----------------------------------|
| <input type="checkbox"/> Church | <input type="checkbox"/> Occupied dwelling | <input type="checkbox"/> Hospital |
| <input type="checkbox"/> School | <input type="checkbox"/> Nursing facility | <input type="checkbox"/> N/A |

b) 100 feet of (check all that apply)

- | | | |
|--------------------------------------|----------------------------------------|------------------------------|
| <input type="checkbox"/> Public Road | <input type="checkbox"/> Property Line | <input type="checkbox"/> N/A |
|--------------------------------------|----------------------------------------|------------------------------|

c) 500 feet of (check all that apply)

- | | | |
|---------------------------------------------------|------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Disposal well | <input type="checkbox"/> Petroleum or gas storage facility | <input type="checkbox"/> Public water well or |
| <input type="checkbox"/> Fluid transmission lines | <input type="checkbox"/> Water storage facility | <input type="checkbox"/> Sewer Line |
| <input type="checkbox"/> Underground/deep mine | <input type="checkbox"/> N/A | |

I hereby certify that all information contained in the Application and Mining and Reclamation Plan is true and correct to the best of my knowledge and that any willful misrepresentation of facts will be a violation of Title 15, Subtitle 808 of the Environment Article, Annotated Code of Maryland, as amended and may be cause for penalty provided in the aforesaid section.

By submission of this application I hereby accept the responsibility of conducting the operation in accordance with the approved Mining and Reclamation Plan and maps, the conditions of the permit, and any an applicable law and regulations.

Joseph D. Beach JR.
Typewritten Name and Title


Original Signature

11/30/20
Date