

PERMIT NUMBER	DATE	INSPECTION			MINE STATUS	PHOTOS	BLASTING	
		TIME	REASON	TYPE			Last 30 Days?	Ins. Req'd?
Q200189	03/11/2020	11:00	CC	P	AQ	No	Yes	Yes

PERMITTEE NAME BARDON, INC. **MSHA #** 00000
OPERATOR NAME _____ **MR-19 DATE** _____
NPDES # WV0005622 **NPDES EXPR DATE** 01/17/2024 **PERMIT EXPR DATE** 05/04/2021
PERMIT ACRES 996.61 **TOTAL DISTBD** 730.00 **RECLMD** 20.00 **ANCIL-LARY** 0 **UNRECLMD** 710
DATES: PH I _____ **PH II** _____ **LAST AUG SEED** _____ **MR-8** _____
LAST INSP DATE 01/28/2020 **TYPE** CS **BOND INC** 1 **INC BONDED ACRES** 935.04 **CUR IBR#** 0 **CUR REV#** 2
EXPR DATES: INACT _____ **EMER RESP PLAN** _____ **INS** 10/01/2020 **BLAST AD** _____
TIME USED (HRS)==> **PERMIT REVIEW** 0.50 **INSPECT** 1.25 **TRAVEL** 6.00 **REPORT** 1.00

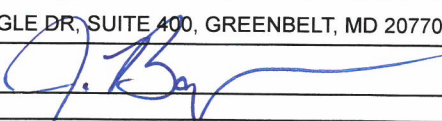
INSPECTION COMMENTS

Millville Quarry: HPU SEV issued on this date under the NPDES permit. Complaint documented in citizen's services under the mining permit.

ENFORCEMENT STANDARD	EVALUATION	VIO#	ENFORCEMENT STANDARD	EVALUATION	VIO#
0100 Distance Prohibited.....			0200 Exceeding Limits.....		
0300 Signs and Markers.....			0400 Sediment Control.....		
0500 Design Certification.....			0600 Effluent Limits.....		
0700 Surface Water.....			0800 Ground Water.....		
0900 Blasting Procedures.....			1000 Haul Roads.....		
1100 Refuse Impoundments.....			1200 Topsoil Handling.....		
1300 Backfill / Grading.....			1400 Reclamation Schedule.....		
1500 Revegetation Requirements.....			1600 Disposal of Excess Spoil.....		
1700 Highwall Elimination.....			1800 Downslope Spoil Disposal.....		
1900 Postmining Land Use.....			2000 Ceased Mining Temporarily.....		
2100 Acid bearing /Toxic Material.....			2200 Method of Operations.....		
2300 Change of Operator.....			2400 Permit Conditions.....		
2500 Diversions and Drainage Control..			2600 Fugitive Dust Control.....		
2700 Subsidence Plan.....			2800 Insurance Current.....		
2900 Bonding Current.....			3000 Other Conditions.....	COM	

WATER QUALITY TESTS

Structure ID	Outfall	pH	Fe	Mn	Al	No Flow	Not Const.	Treatment

AUTH. COMPANY REPRESENTATIVE Andy Wright
DELIVERY METHOD / DATE TIME Mail 3/12/2020 12:00:00
CERTIFIED MAIL NUMBER _____
ADDRESS 6401 GOLDEN TRIANGLE DR, SUITE 400, GREENBELT, MD 20770-0000
WV DEP REP. Jessica A Baczuk 

NPDES NUMBER	LATITUDE	LONGITUDE	DATE	INSPECTION			PHOTOS
				TIME	REASON	TYPE	
WV0005622	39 ° 16 ' 54 "	77 ° 47 ' 57 "	03/11/2020	11:00	CC	RI	Yes

PERMITTEE NAME BARDON, INC. **NPDES EXP DATE** 01/17/2024
ASSOC. PERMITS Q200189
LAST HPU INSP DATE 01/28/2020 **TYPE** RI **CUR NPR#** **CUR NPM#** **CUR NPT#**
TIME USED (HRS)=> **PERMIT REVIEW** 0.50 **INSPECT** 1.25 **TRAVEL** 6.00 **REPORT** 1.00
AREAS EVALUATED: **PERMIT** X **FACILITY SITE REVIEW** X **EFFLUENT/RECEIVING WATERS** X
RECORDS/REPORTS N/A **SELF-MONITORING PROGRAM** N/A **COMPLIANCE SCHEDULES** N/A
OPERATIONS MAINTENANCE X **STORMWATER** X **SAMPLING DONE?** Yes

INSPECTION COMMENTS

Millville Quarry: Awaiting lab results. Inspector was contacted by a citizen concerned about material entering the Shenandoah River from the Millville Quarry. Photographs were emailed to the inspector by the citizen, and an inspection date was set. On 3/11/2020, the Inspector and Inspector in Training Jordan Taylor met the citizen near the permit to investigate her concerns. A lab sample of outlet 001 was taken. After travelling downstream, grey sludge was observed in a ditch which flows into the river. The material was tracked up to a road culvert, and to the permit boundary. Citizen did not wish to accompany the inspectors

SEV STANDARD	EVALUATION	SEV#	SEV STANDARD	EVALUATION	SEV#
A0012 Effluent Violation.....			A0013 Failed Toxicity Test.....		
A0015 Unauthorized Discharge.....			A0016 Reported Fish Kill.....		
A0022 Narrative Effluent Violation.....			A0023 Industrial Spill.....		
B0019 Best Management Practice Deficit			B0020 Improper Operation and Maintena		
B0026 Failure to Allow Entry.....			B0028 Failure to Implement SPCC Plan..		
B0041 Failure to Maintain Records.....			B0042 Violation of a milestone in an orde		
C0021 Failure to Monitor for Toxicity Req			D0011 Discharge Without a Valid Permit.		
D0013 Unapproved Operation.....			D0015 Failure to Pay Fees.....		
D0016 Fail to Submit Timely Permit Rene			D0017 Violation Specified in Comment....	SEV Issued	3
E0014 Noncompl. w/ Sect. 308 Info Req			E0016 Failure to Submit Req. Report (No		
E0017 Failure to Notify.....					

WATER QUALITY TESTS

Outfall	pH	Fe	Mn	Al	No Flow	Not Const.	Treatment
001	8.5	0	0				No

AUTH. COMPANY REPRESENTATIVE Andy Wright
DELIVERY METHOD / DATE TIME Certified 3/12/2020 12:00:00 **COMPLETION DATE TIME** 3/11/2020 12:15:00
CERTIFIED MAIL NUMBER
ADDRESS 6401 GOLDEN TRIANGLE DR, SUITE 400, GREENBELT, MD 20770-0000
WV DEP REP. Jessica A Baczuk

NPDES NUMBER	LATITUDE	LONGITUDE	DATE	INSPECTION			PHOTOS
				TIME	REASON	TYPE	
WV0005622	39 ° 16 ' 54 "	77 ° 47 ' 57 "	03/11/2020	11:00	CC	RI	Yes

COMMENT (cont.)

onsite. Inspectors then went to the permitted area to track where the material had originated from. The material was piled near the railroad tracks near the permit boundary. Evidence of the material being washed down a ditch and into the culvert was observed. Company Representative Andy Wright then travelled to the area to assess the situation. Inspector was informed that the problem should be fixed by the end of the week, weather permitting. SEV issued at this time for conditions not allowable in waters of the state due to the buildup and deposition of limestone sludge in the Shenandoah River.

ERIS

MR-HP15E HYDROLOGIC PROTECTION UNIT SINGLE EVENT VIOLATION

NPDES NUMBER	ORIGINAL INSPECTION		SEV CODE DATA		SEV ACTIVITY			INSP ID NUMBER
	DATE	TIME	FORM#	SEV CODE	DATE	TIME	SEV #	
WV0005622	03/11/2020	11:00	HP6E	D0017	03/11/2020	12:00	3	1067

PERMITTEE NAME BARDON, INC.
 Assoc. Permits Q200189

Whereas an inspection of the above operation by the undersigned Authorized Representative of the Director was completed on the 11th day of March, 2020. The inspection revealed a violation of the provisions of Chapter 22, Article 11 of the Code of West Virginia. You are hereby notified that you are in violation of the provisions listed below.

WV CODE 22-11-4(a) Reg 47- 2-3.2.b

[DOV] Description of Violation:
Permittee allowed grey limestone sludge to leave the permitted area through a box culvert, which then travelled down a ditch, and into the Shenandoah River. The sludge was deposited along the streambed near the riverbank. SEV issued at this time for conditions not allowable in waters of the state.

[REM] Remedial Measures:
Permittee must remove limestone sludge from the ditch leaving the permitted area, and fix the berm along the railroad tracks to prevent material from leaving the site.

MUST BE CORRECTED WITHIN 20 DAYS OF ISSUANCE OR YOUR PERMIT MAY BE SUBJECT TO PENALTIES, REVOCATION, SUSPENSION OR MODIFICATION.

NOV Issued Resulted in Off-Site Impact

AUTH. COMPANY REPRESENTATIVE Andy Wright
 DELIVERY METHOD / DATE TIME Certified 3/12/2020 12:00:00
 CERTIFIED MAIL NUMBER 7016 3010 0000 7853 1619
 ADDRESS 6401 GOLDEN TRIANGLE DR, SUITE 400, GREENBELT, MD 20770-0000
 WV DEP REP. Jessica A Baczuk

Austin Caperton [Secretary, Department of Environmental Protection] J. Baczuk [WV DEP Rep/Date] 03/12/2020

Contact Jessica A Baczuk at (304) 457-3219 upon completion. Failure to complete the above measures within the above time period may result in a Cessation Order or revocation of the permit and forfeiture of the performance bond.









West Virginia Department of Environmental Protection
DIVISION OF MINING AND RECLAMATION
COMPLAINT INVESTIGATION

PERMIT NUMBER	COMPLAINT		INITIAL COMPLAINTANT CONTACT		
	DATE	TIME	DATE	TIME	COMMENTS:
Q200189	03/06/2020	10:00	03/06/2020	10:56	
METHOD OF COMPLAINT <input type="checkbox"/> IN PERSON <input type="checkbox"/> LETTER <input type="checkbox"/> HOTLINE <input checked="" type="checkbox"/> PHONE <input type="checkbox"/> EMAIL <input type="checkbox"/> OTHER					
TYPE OF COMPLAINT <input checked="" type="checkbox"/> NON-BLASTING <input type="checkbox"/> BLASTING					
NON-CONFIDENTIAL					
CITIZEN NAME: <u>MALONEY, LORI</u>					
ADDRESS: _____ PHONE:(H) _____ (W) (917)-751-2616					
CITIZEN TO ACCOMPANY: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DATE/TIME CITIZEN ADVISED OF RIGHT TO ACCOMPANY: <u>03/11/2020 11:00:00</u> <i>(If yes, fill out Accompany Form)</i>					

NATURE OF COMPLAINT

Citizen complained about sludge in the Shenandoah River. She is associated with the Jefferson County Foundation

CONTRACT BLASTING FIRM _____	
BLASTER NAME _____ (CERT #) _____	
DISTANCE TO NEAREST PROT. STRUCT. (ft) _____	BLAST GPS LOCATION LAT _____ LONG _____
PERMITTEE NAME <u>BARDON, INC.</u>	
OPERATOR NAME _____	
COUNTY <u>Jefferson</u>	POST OFFICE <u>HARPERS FERRY</u> LOCATION _____
RECEIVING STREAM <u>Shenandoah River</u>	NPDES NUMBER _____
COMPLAINT STATUS <input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> TERMINATED <input type="checkbox"/> UNSUBSTANTIATED <input type="checkbox"/> WITHDRAWN	
INVESTIGATION DATE <u>03/11/2020</u>	DATE RIGHT TO REVIEW ADVISED <u>03/11/2020</u>
INSPECT DATE <u>03/11/2020</u> TIME <u>11:00:00</u>	FORM # <u>6</u> ENF STD _____ VIOL # _____
FACILITY _____	

INVESTIGATION RESULTS

When citizen was first contacted, she expressed concern about material leaving the quarry's bonded area and entering the Shenandoah River, and that outlet 001 appeared discolored. She wished to accompany the inspector during the investigation of the river bank, but did not wish to go onto the quarry itself. Upon arriving at outlet 001, the

DISTRIBUTED TO: <u>Lori Maloney</u>	
PROVIDED TO CITIZEN: DEL. METHOD / DATE TIME <u>Mail 3/12/2020 12:00:00</u>	
CERTIFIED MAIL # _____	
WV DEP REP. <u>Jessica A Baczuk</u>	DATE <u>03/12/2020</u>

West Virginia Department of Environmental Protection
DIVISION OF MINING AND RECLAMATION
COMPLAINT INVESTIGATION

PERMIT NUMBER	COMPLAINT		INITIAL COMPLAINTANT CONTACT		
	DATE	TIME	DATE	TIME	COMMENTS:
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TYPE OF COMPLAINT <input checked="" type="checkbox"/> NON-BLASTING <input type="checkbox"/> BLASTING					

INVESTIGATION RESULTS (cont.)

inspector pulled a lab sample. The discharge did not appear cloudy, but there was residual sedimentation at the discharge from a violation issued the previous summer. After walking downstream from the outlet about 50 yards, grey sludge was observed entering the river. The material was entering the stream, and being deposited along the river bank for approximately 10 feet. After tracking the material up a ditch and through a road culvert to the railroad tracks along the permit boundary, the inspector and citizen parted ways. The inspector travelled on site and observed a large deposit of sludge like material beside the railroad tracks. It appeared that a rainstorm had washed the material down the ditch and off of the permitted area. Company Representative Andy Wright was notified, and joined the inspector at the location. The representative was told a violation would be issued, and that the problem needed to be fixed. Mr. Wright said the company would fix it within a week.