



# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM INDIVIDUAL PERMIT

PERMITTEE: Black Warrior Minerals, Inc.  
Post Office Box 1190  
Sumiton, AL 35148

FACILITY LOCATION: Morris Mine  
1550 Sardis Road  
Gardendale, AL 35071  
Jefferson County  
T15S, R3W, S2-S4, S9-S11, S14-S17, S20, and S21

PERMIT NUMBER: AL0079707

DSN RECEIVING STREAM

001-1 Crooked Creek  
003-1 Unnamed Tributary to Crooked Creek  
005-1 Unnamed Tributary to Crooked Creek  
007-1 Unnamed Tributary to Crooked Creek  
009-1 Unnamed Tributary to Crooked Creek  
011-1 Unnamed Tributary to Crooked Creek  
013-1 Unnamed Tributary to Crooked Creek  
015-1 Unnamed Tributary to Crooked Creek  
017-1 Unnamed Tributary to Crooked Creek  
019-1 Unnamed Tributary to Crooked Creek  
021-1 Unnamed Tributary to Crooked Creek  
023-1 Unnamed Tributary to Crooked Creek  
025-1 Unnamed Tributary to Crooked Creek  
027-1 Crooked Creek  
029-1 Unnamed Tributary to Crooked Creek  
031-1 Unnamed Tributary to Crooked Creek  
033-1 Unnamed Tributary to Crooked Creek  
035-1 Unnamed Tributary to Crooked Creek  
037-1 Unnamed Tributary to Crooked Creek  
039-1 Unnamed Tributary to Crooked Creek  
041-1 Crooked Creek  
043-1 Unnamed Tributary to Crooked Creek  
045-1 Unnamed Tributary to Crooked Creek  
047-1 Unnamed Tributary to Crooked Creek  
049-1 Unnamed Tributary to Crooked Creek  
051-1 Unnamed Tributary to Crooked Creek  
053-1 Unnamed Tributary to Crooked Creek  
055-1 Unnamed Tributary to Crooked Creek  
057-1 Unnamed Tributary to Crooked Creek  
059-1 Unnamed Tributary to Crooked Creek

DSN RECEIVING STREAM

002-1 Unnamed Tributary to Crooked Creek  
004-1 Unnamed Tributary to Crooked Creek  
006-1 Unnamed Tributary to Crooked Creek  
008-1 Unnamed Tributary to Crooked Creek  
010-1 Unnamed Tributary to Crooked Creek  
012-1 Unnamed Tributary to Crooked Creek  
014-1 Unnamed Tributary to Crooked Creek  
016-1 Unnamed Tributary to Crooked Creek  
018-1 Unnamed Tributary to Crooked Creek  
020-1 Unnamed Tributary to Crooked Creek  
022-1 Unnamed Tributary to Crooked Creek  
024-1 Unnamed Tributary to Crooked Creek  
026-1 Unnamed Tributary to Crooked Creek  
028-1 Crooked Creek  
030-1 Unnamed Tributary to Crooked Creek  
032-1 Unnamed Tributary to Crooked Creek  
034-1 Unnamed Tributary to Crooked Creek  
036-1 Unnamed Tributary to Crooked Creek  
038-1 Unnamed Tributary to Crooked Creek  
040-1 Unnamed Tributary to Crooked Creek  
042-1 Crooked Creek  
044-1 Unnamed Tributary to Crooked Creek  
046-1 Unnamed Tributary to Crooked Creek  
048-1 Unnamed Tributary to Crooked Creek  
050-1 Unnamed Tributary to Crooked Creek  
052-1 Unnamed Tributary to Crooked Creek  
054-1 Unnamed Tributary to Crooked Creek  
056-1 Unnamed Tributary to Crooked Creek  
058-1 Unnamed Tributary to Crooked Creek  
060-1 Unnamed Tributary to Turkey Creek

- |       |                                    |       |                                    |
|-------|------------------------------------|-------|------------------------------------|
| 061-1 | Unnamed Tributary to Turkey Creek  | 064-1 | Unnamed Tributary to Turkey Creek  |
| 063-1 | Unnamed Tributary to Turkey Creek  | 066-1 | Unnamed Tributary to Turkey Creek  |
| 065-1 | Unnamed Tributary to Turkey Creek  | 070-1 | Unnamed Tributary to Turkey Creek  |
| 067-1 | Unnamed Tributary to Turkey Creek  | 072-1 | Unnamed Tributary to Turkey Creek  |
| 069-1 | Unnamed Tributary to Turkey Creek  | 074-1 | Unnamed Tributary to Turkey Creek  |
| 071-1 | Unnamed Tributary to Turkey Creek  | 076-1 | Unnamed Tributary to Turkey Creek  |
| 073-1 | Unnamed Tributary to Turkey Creek  | 078-1 | Unnamed Tributary to Turkey Creek  |
| 075-1 | Unnamed Tributary to Turkey Creek  | 080-1 | Unnamed Tributary to Turkey Creek  |
| 077-1 | Unnamed Tributary to Turkey Creek  | 082-1 | Unnamed Tributary to Turkey Creek  |
| 079-1 | Unnamed Tributary to Turkey Creek  | 084-1 | Unnamed Tributary to Turkey Creek  |
| 081-1 | Unnamed Tributary to Turkey Creek  | 086-1 | Unnamed Tributary to Turkey Creek  |
| 083-1 | Unnamed Tributary to Turkey Creek  | 088-1 | Unnamed Tributary to Turkey Creek  |
| 085-1 | Unnamed Tributary to Turkey Creek  | 090-1 | Unnamed Tributary to Turkey Creek  |
| 087-1 | Unnamed Tributary to Turkey Creek  | 092-1 | Unnamed Tributary to Crooked Creek |
| 089-1 | Unnamed Tributary to Turkey Creek  | 094-1 | Unnamed Tributary to Crooked Creek |
| 091-1 | Unnamed Tributary to Turkey Creek  | 096-1 | Unnamed Tributary to Crooked Creek |
| 093-1 | Unnamed Tributary to Crooked Creek | 098-1 | Unnamed Tributary to Crooked Creek |
| 095-1 | Unnamed Tributary to Crooked Creek | 100-1 | Unnamed Tributary to Crooked Creek |
| 097-1 | Unnamed Tributary to Crooked Creek | 102-1 | Unnamed Tributary to Crooked Creek |
| 099-1 | Unnamed Tributary to Crooked Creek | 104-1 | Unnamed Tributary to Crooked Creek |
| 101-1 | Unnamed Tributary to Crooked Creek | 106-1 | Unnamed Tributary to Crooked Creek |
| 103-1 | Unnamed Tributary to Crooked Creek | 108-1 | Unnamed Tributary to Crooked Creek |
| 105-1 | Unnamed Tributary to Crooked Creek | 110-1 | Unnamed Tributary to Crooked Creek |
| 107-1 | Unnamed Tributary to Crooked Creek | 112-1 | Unnamed Tributary to Crooked Creek |
| 109-1 | Unnamed Tributary to Crooked Creek | 114-1 | Unnamed Tributary to Crooked Creek |
| 111-1 | Unnamed Tributary to Crooked Creek | 116-1 | Unnamed Tributary to Crooked Creek |
| 113-1 | Unnamed Tributary to Crooked Creek | 118-1 | Unnamed Tributary to Crooked Creek |
| 115-1 | Unnamed Tributary to Crooked Creek | 120-1 | Unnamed Tributary to Crooked Creek |
| 117-1 | Crooked Creek                      | 122-1 | Unnamed Tributary to Crooked Creek |
| 119-1 | Unnamed Tributary to Crooked Creek | 124-1 | Unnamed Tributary to Locust Fork   |
| 121-1 | Unnamed Tributary to Crooked Creek | 126-1 | Unnamed Tributary to Locust Fork   |
| 123-1 | Unnamed Tributary to Locust Fork   | 128-1 | Unnamed Tributary to Locust Fork   |
| 125-1 | Unnamed Tributary to Locust Fork   | 130-1 | Unnamed Tributary to Locust Fork   |
| 127-1 | Unnamed Tributary to Locust Fork   | 132-1 | Unnamed Tributary to Locust Fork   |
| 129-1 | Unnamed Tributary to Locust Fork   | 134-1 | Unnamed Tributary to Locust Fork   |
| 131-1 | Unnamed Tributary to Locust Fork   | 138-1 | Unnamed Tributary to Crooked Creek |
| 133-1 | Unnamed Tributary to Locust Fork   |       |                                    |
| 135-1 | Unnamed Tributary to Locust Fork   |       |                                    |
| 137-1 | Unnamed Tributary to Crooked Creek |       |                                    |

*In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-16, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: October 7, 2014

EFFECTIVE DATE: October 7, 2014

EXPIRATION DATE: October 6, 2019

*GLENN L. DEAN*  
 Alabama Department of Environmental Management