

# J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7<sup>TH</sup> STREET, UNIT B  
GRAND JUNCTION, COLORADO 81501  
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING  
MINE RECLAMATION

CIVIL ENGINEERING  
CONST. MANAGEMENT

January 17, 2022

Rob Zuber  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Re: 2021 Annual Reclamation Report  
Bowie Resources, LLC, Bowie No. 2 Mine  
Permit No. C-1996-083

Dear Mr. Zuber:

On behalf of Bowie Resources, LLC, we are submitting the following information in accordance with Rule 2.04.13, as the Annual Reclamation Report for Bowie Resources' Bowie No. 2 Mine.

(1)

(a) Permittee: Bowie Resources, LLC  
Bowie No. 2 Mine  
P. O. Box 1488  
Paonia, CO 81428  
Permit No. C-1996-083

| (b) | <u>Description</u>                                                     | <u>Acres</u> |
|-----|------------------------------------------------------------------------|--------------|
|     | Mine Facilities Related Disturbances (1997-2002)                       |              |
|     | Mine Facilities Bench                                                  | 20.0         |
|     | Mine Access Road and Conveyor Corridor                                 | 43.3         |
|     | Coal Stockpile Area                                                    | 9.8          |
|     | Refuse Access Road and Refuse Disposal Area                            | 8.2          |
|     | Disturbances for New Loadout permitted under PR-03 (Downhill Conveyor) | 1.2          |
|     | TR-12 Vent Shaft & Road Disturbance                                    | 1.0          |
|     | TR-17 Gob Vent Borehole Disturbance                                    | 5.5          |
|     | TR-20 Gob Vent & Coal Exploration Borehole Disturbance                 | 21.0         |
|     | TR-21 Gob Vent Borehole Disturbance                                    | 3.3          |
|     | TR-23 Gob Vent Borehole Disturbance                                    | 2.7          |
|     | MR-23 Coal Exploration Borehole Disturbance                            | 1.1          |
|     | MR-24 Exploration of old King Mine Workings Borehole                   | 1.1          |
|     | PR-06 Construction of the Unit Train Loadout                           | 34.2         |
|     | <b>Subtotal</b>                                                        | <b>152.4</b> |
|     | <b>2003 Disturbance</b>                                                |              |

|                                                      |             |
|------------------------------------------------------|-------------|
| TR-23 Gob Vent Borehole Disturbance                  | 2.2         |
| TR-25 Terror Creek Exploration Hole Disturbance      | 4.0         |
| TR-27 Preparation Plant                              | 4.8         |
| PR-05 Gob Vent Borehole Disturbance                  | 1.9         |
| PR-07 B-Seam Portals                                 | 4.7         |
| MR-29 Gob Pile Geotech Holes included in TR-30 Below | 0.0         |
| MR-32 Expand Coverfill Pile                          | 0.2         |
| <b>Subtotal</b>                                      | <b>17.8</b> |
| <b>2004 Disturbance</b>                              |             |
| TR-30 Coal Mine Waste Disposal Area                  | 19.4        |
| MR-32 Rockfall Protection Berm                       | 1.3         |
| <b>Subtotal</b>                                      | <b>20.7</b> |
| <b>2005 Disturbance</b>                              |             |
| MR-58 Gob Vent Borehole & Road                       | 1.9         |
| TR-41 Gob Vent Boreholes & Road                      | 2.4         |
| MR-61 Gob Vent Hole                                  | 0.5         |
| MR-62 Gob Vent Hole                                  | 0.5         |
| <b>Subtotal</b>                                      | <b>5.3</b>  |
| <b>2006 Disturbance</b>                              |             |
| TR-30 Coal Mine Waste Disposal Area                  | 15.2        |
| TR-43 Coverfill Borrow Area                          | 4.0         |
| MR-65 3 Gob Vent Holes                               | 1.6         |
| MR-67 2 Gob Vent holes                               | 1.6         |
| Refuse Area Road & Refuse Disposal                   | 5.7         |
| <b>Subtotal</b>                                      | <b>28.1</b> |
| <b>2007 Disturbance</b>                              |             |
| TR-43 Covefill Borrow Area                           | 0.6         |
| TR-44 Gob Pile Expansion                             | 0.6         |
| MR-78 Seven Gob Vent Holes – Six Constructed         | 3.9         |
| MR-75 Geotechnical Hole                              | 0.6         |
| TR-47, TR-48 Hubbard Creek Shaft                     | 1.2         |
| Remaining Gob Pile #1                                | 0.8         |
| <b>Subtotal</b>                                      | <b>7.7</b>  |
| <b>2008 Disturbance</b>                              |             |
| TR-45 Gob Pile No. 3                                 | 24.8        |
| TR-52 Drill Sites & Roads (Two Drill Pads)           | 13.0        |
| TR-53 Drill Site (HC-08-01)                          | 0.5         |
| <b>Subtotal</b>                                      | <b>38.3</b> |
| <b>2009 Disturbance</b>                              |             |

|                                                                     |             |
|---------------------------------------------------------------------|-------------|
| TR-52 Drill Sites & Roads (Three Drill Pads)                        | 7.8         |
| MR-105 One Drill Site (GVB8-TG)                                     | 1.0         |
| <b>Subtotal</b>                                                     | <b>8.8</b>  |
| <b>2010 Disturbance</b>                                             |             |
| Bowie No. 1 TR-41 BRL-1-03-1 + Section 8 Road                       | 2.6         |
| Bowie No. 1 TR-49 BRL1-08-03 + Pond 7-1 Road                        | 0.9         |
| Bowie No. 1 TR-49 BRL1-08-04 + DH-69 Road                           | 1.2         |
| Bowie No. 1 MR-124 DH 2010-2                                        | 0.5         |
| Bowie No. 2 MR-116 Terror Creek Access Road                         | 6.7         |
| Bowie No. 1 MR-125 GVB-10A & 10 + Roads                             | 3.1         |
| <b>Subtotal</b>                                                     | <b>15.0</b> |
| <b>2011 Disturbance</b>                                             |             |
| Bowie No. 2 MR-123 & 124 GVBs 11A, 11B & 11C                        | 3.1         |
| <b>Subtotal</b>                                                     | <b>3.1</b>  |
| <b>2012 Disturbance</b>                                             |             |
| MR-132 Gob Pile Upper Diversion                                     | 1.3         |
| Gob Pile No. 4 Additional Disturbance (4.5-4.0)+(2.8-2.0)           | 1.3         |
| Gob Pile No. 1 Adjusted Disturbance (14.0-13.9)                     | 0.1         |
| Bowie No. 2 MR-123 GVB-B12A                                         | 1.0         |
| Bowie No. 2 MR-123 GVB-B12B + Road                                  | 1.1         |
| Bowie No. 2 MR-123 GVB-B12C                                         | 1.0         |
| Bowie No. 2 MR-123 GVB-B13A                                         | 1.0         |
| Bowie No. 2 MR-123 TC Ridge Road                                    | 1.3         |
| Bowie No. 2 MR-123 12D Road                                         | 0.4         |
| Bowie No. 2 MR-123 13A Road                                         | 0.3         |
| Bowie No. 2 MR-124 GVB-B12D                                         | 1.0         |
| Bowie No. 2 TR-73 GVB-B12E                                          | 1.0         |
| Bowie No. 2 TR-73 GVB-B13B                                          | 1.0         |
| Bowie No. 2 TR-73 GVB-B13C                                          | 1.0         |
| Bowie No. 2 TR-73 GVB-B13D                                          | 1.0         |
| Bowie No. 2 TR-73 GVB-B13E (0.5 Ac Disturbance in 2010, BRL1-08-03) | 0.5         |
| Bowie No. 2 TR-73 GVB-B14A                                          | 1.0         |
| Bowie No. 2 TR-73 SS-7                                              | 1.0         |
| Bowie No. 2 TR-73 2012-1                                            | 1.0         |
| Bowie No. 2 TR-73 12E Road                                          | 0.9         |
| Bowie No. 2 TR-73 13B Road                                          | 0.3         |
| Bowie No. 2 TR-73 14A Road                                          | 0.9         |
| Bowie No. 2 TR-73 14C Road Partial                                  | 0.4         |
| Bowie No. 2 TR-73 SS-7 Road                                         | 1.9         |
| Bowie No. 2 TR-73 12-1 Road                                         | 0.3         |
| Bowie No. 2 TR-73 GVB-B13F                                          | 1.0         |
| Bowie No. 2 TR-73 13F Road                                          | 0.3         |
| <b>Subtotal</b>                                                     | <b>23.3</b> |
| <b>2013 Disturbance</b>                                             |             |

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Bowie No. 2 TR-73 GVB-B14B                                              | 1.0  |
| Bowie No. 2 TR-73 14B RD                                                | 0.4  |
| Bowie No. 2 TR-73 GVB-B14C                                              | 1.0  |
| Bowie No. 2 TR-73 14C RD Partial (1.1 - 0.4 reported in 2012)           | 0.7  |
| Bowie No. 2 TR-73 GVB-B14D                                              | 1.0  |
| Bowie No. 2 TR-73 14D RD                                                | 0.4  |
| Bowie No. 2 TR-73 GVB-B14E                                              | 1.0  |
| Bowie No. 2 TR-73 14E Rd                                                | 0.4  |
| Bowie No. 2 TR-78 GVB-14F                                               | 1.0  |
| Bowie No. 2 TR-78 14F Rd                                                | 0.2  |
| Bowie No. 2 TR-78 GVB-15A                                               | 1.0  |
| Bowie No. 2 MR-134 B13 Vent (TR-73Pad constructed but hole not drilled) | 1.0  |
| Bowie No. 2 MR-135 GVB-B13C-1                                           | 1.0  |
| Bowie No. 2 MR-135 GVB-B13C-1 Road                                      | 0.4  |
| Bowie No. 2 TR-73 Drill Pad SS-6                                        | 1.0  |
| Bowie No. 2 TR-73 SS-6 Rd                                               | 0.9  |
| Bowie No. 2 TR-78 SS-8                                                  | 1.0  |
| Bowie No. 2 TR-78 SS-8 Rd                                               | 0.9  |
| Bowie No. 2 2010-1B and 2010-1SS Drill Site - Now In Permit Boundary    | 1.0  |
| Gob Pile No. 3 Adjustment (24.8 - 23.5)                                 | -1.3 |
| Gob Pile No. 4 Adjustment (2.8 - 2.0) Reverses adjustment made in 2012  | -0.8 |
| TR-30 Gob Pile No. 2 Adjustments (34.6 - 34.4)                          | -0.2 |
| TR-72 & 76 Gob Pile No. 2 (8.7 less 1.3 from MR-132 reported in 2012)   | 7.4  |

**Subtotal 20.4**

**Total Disturbance through 2012 320.5**

**Total Disturbance through 2013 340.9**

#### **2014 Disturbance**

|                                                |     |
|------------------------------------------------|-----|
| Bowie No. 2 MR-174 Drill Hole & Pad Adjustment | 1.0 |
| Bowie No. 2 TR-90 15A RD                       | 0.3 |
| Bowie No. 2 TR-78, MR-152 15B RD               | 0.4 |
| Bowie No. 2 TR-78, MR-152 15D RD               | 0.4 |
| Bowie No. 2 TR-78, MR-152 15B,C,D RD           | 1.0 |
| Bowie No. 2 TR-78 15B Drill Site               | 1.0 |
| Bowie No. 2 TR-78 15C Drill Site               | 1.0 |
| Bowie No. 2 TR-78 15D Drill Site               | 1.0 |
| Bowie No. 2 TR-78, MR-152 16A RD               | 0.4 |
| Bowie No. 2 TR-78 16A Drill Site               | 1.0 |
| Bowie No. 2 TR-86, MR-152 16B RD               | 0.4 |
| Bowie No. 2 TR-86, B16B Drill Site             | 1.0 |
| Bowie No. 2 TR-86, MR-152 16C RD               | 0.4 |
| Bowie No. 2 TR-86, MR-152 16D RD               | 0.1 |
| Bowie No. 2 TR-86, B16C Drill Site             | 1.0 |
| Bowie No. 2 TR-86, B16D Drill Site             | 1.0 |
| Bowie No. 2 TR-86, MR-152 17A RD               | 1.2 |
| Bowie No. 2 TR-86, B17A Drill Site             | 1.0 |
| Bowie No. 2 TR-86, B17B Drill Site             | 1.0 |

|                                                     |     |
|-----------------------------------------------------|-----|
| Bowie No. 2 TR-86, MR-152 17C RD                    | 0.3 |
| Bowie No. 2 TR-86, B17C Drill Site                  | 1.0 |
| Bowie No. 2 TR-86, MR-152 17D RD                    | 0.8 |
| Bowie No. 2 TR-86, B17D Drill Site                  | 1.0 |
| Bowie No. 2 TR-86, MR-152 17E RD                    | 0.3 |
| Bowie No. 2 TR-86, B17E Drill Site                  | 1.0 |
| Bowie No. 2 TR-86, MR-152 17F RD                    | 0.5 |
| Bowie No. 2 TR-86, B17F Drill Site                  | 1.0 |
| Bowie No. 2 TR-86, 2014-SS-B Drill Site             | 1.0 |
| Bowie No. 2 TR-86, 2014-SS-C Drill Site             | 1.0 |
| Bowie No. 2 MR-146, Pitkin Mesa Pipeline            | 4.0 |
| Bowie No. 2 MR-164, 58A RD                          | 0.5 |
| Bowie No. 2 MR-164, 58A Drill Site                  | 1.0 |
| Bowie No. 2 MR-151, Coal Stockpile Expansion        | 1.0 |
| Bowie No. 2 MR-125, Filter Building                 | 0.2 |
| Bowie No. 2 TR-91, Storage building/area near canal | 0.3 |
| Bowie No. 2 MR-141, Gob Pile No. 3                  | 1.8 |
| Bowie No. 2 MR-88, West Gob Pile Geotech Holes      | 2.6 |

**Total Disturbance During 2014** **33.6 (33.9 corrected)**

#### **2015 Disturbance**

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Addition Error in 2014 (0.3 Added into corrected acreage above) |     |
| Bowie No. 2 MR-165 Section 5 Road                               | 1.2 |
| Bowie No. 2 TR-89 Gob Pile No. 2 Upper Diversion Ditch          | 5.0 |

**Total Disturbance through 2014** **374.5 (374.8 corrected)**

|                                       |              |
|---------------------------------------|--------------|
| <b>Total Disturbance through 2015</b> | <b>381.0</b> |
| <b>Total Disturbance through 2016</b> | <b>381.0</b> |
| <b>Total Disturbance through 2017</b> | <b>381.0</b> |
| <b>Total Disturbance through 2018</b> | <b>381.0</b> |

**Total Disturbance through 2019** **381.0**

- (c) Area back filled and graded and;
- (d) Area Topsoiled and;
- (e) Area Seeded:

| Year | Description               | Acres |
|------|---------------------------|-------|
| 2003 | GVB-D1-A Drill Pad        | 0.2   |
| 2003 | GVB-D1-B Drill Pad        | 0.2   |
| 2003 | GVB-D2-A Drill Pad        | 0.2   |
| 2003 | GVB-D2-B Drill Pad        | 0.3   |
| 2003 | GVB-D4-A Drill Pad        | 0.4   |
| 2003 | GVB-D4-B Drill Pad        | 0.5   |
| 2003 | GVB-D5-A Drill Pad        | 0.5   |
| 2003 | B Exploration North Ext   | 0.1   |
| 2003 | B Exploration South Ext A | 0.1   |
| 2003 | B Exploration South Ext B | 0.5   |

|      |                                       |     |
|------|---------------------------------------|-----|
| 2004 | GVB-6A MR-65 153 <sup>1</sup>         | 0.5 |
| 2004 | Vent Spur Road MR-65 154 <sup>1</sup> | 0.1 |
| 2004 | TR-12 Vent Shaft Pad                  | 0.6 |
| 2005 | B-Burn-22 (129)                       | 0.5 |
| 2005 | B-Burn-23 (130)                       | 0.5 |
| 2005 | IP-99-16 (96)                         | 0.5 |
| 2006 | DH-57 & 57A                           | 0.5 |
| 2006 | GVB B1-C/WD-3B (Common Site)          | 0.5 |
| 2006 | GVB WD-3A                             | 0.5 |
| 2007 | No Reclamation Performed              | 0.0 |
| 2008 | KM-3 (MR-24 120, 125)                 | 1.1 |
| 2008 | DH-58 (TR20 70)                       | 0.5 |
| 2008 | TC-03-01 (TR-25 131)                  | 0.5 |
| 2008 | TC-03-02 (TR-25 132)                  | 0.5 |
| 2008 | GVB-WD2-A (TR-20 54)                  | 0.5 |
| 2008 | GVB-WD2-B (TR-20 53)                  | 0.5 |
| 2008 | GVB-WD2-C (PR-05 50)                  | 0.5 |
| 2008 | GVB-WD3-C (TR20 51)                   | 0.5 |
| 2008 | GVB-2C (TR17 46)                      | 0.2 |
| 2008 | GVB-D3-B (TR20 52)                    | 0.5 |
| 2008 | GVB-D4-C (TR-20 59)                   | 0.5 |
| 2008 | GVB-D5-B (TR20 60)                    | 0.5 |
| 2008 | GVB-D6-B (TR-20 65)                   | 0.5 |
| 2008 | GVB-D7-B (TR-20 66)                   | 0.5 |
| 2008 | GVB-D7-C (TR-20 75)                   | 0.5 |
| 2008 | GVB-D8-A & D9A (TR-23 94)             | 0.5 |
| 2008 | GVB-D8-B (TR-23 90)                   | 0.5 |
| 2008 | GVB-D8-C (TR-23 87)                   | 0.5 |
| 2008 | GVB-B1-A (TR-32 141)                  | 0.0 |
|      | Drilled in wide section of road       | 0.0 |
| 2008 | GVB-B1-A1 (MR-58 145)                 | 0.5 |
| 2008 | GVB-B2-A aka –B2-B (MR-55 144)        | 0.0 |
|      | Same site as: GVB-WD-2C (PR-05 50)    | 0.5 |
| 2008 | GVB-B2-A1 aka –B2-A (TR-41 147)       | 0.5 |
| 2008 | GVB-B2-A2 aka – B2-C (MR-62 152)      | 0.5 |
| 2008 | GVB-B2-B aka – B2-D (MR-61 151)       | 0.5 |
| 2008 | GVB-B3-A2 aka – B3-A (TR-41 149)      | 0.5 |
| 2008 | GVB-B3-A1 aka – B3-B (TR-41 148)      | 0.5 |
| 2008 | GVB-B3-A aka –B3-C (MR-55 144)        | 0.0 |
|      | Same site as: GVB-WD1-B (TR-21 80)    | 0.5 |
| 2008 | GVB-B3-B aka – B3-D(MR-55 144)        | 0.0 |
|      | Same site as: GVB-WD1-A (TR-21 78)    | 0.5 |
| 2008 | GVB-4A (MR-67 155)                    | 0.5 |
| 2008 | GVB-5A (MR-67 155)                    | 0.5 |
| 2008 | GVB-6B (MR-65 153)                    | 0.5 |
| 2008 | GVB-6C (MR-65 153)                    | 0.5 |
| 2008 | GVB-6D (MR-78 161)                    | 0.5 |
| 2008 | GVB-6E (MR-78 162)                    | 0.5 |

<sup>1</sup> Added to list with 2012 Report. 2015 Update - Not actually reclaimed. Deleted 0.6 acres from 2015 report.

|                                                                 |                                                   |      |
|-----------------------------------------------------------------|---------------------------------------------------|------|
| 2008                                                            | One West Ridge Road Segments (TR-41) <sup>2</sup> | 0.3  |
| 2009                                                            | No backfill or grading in 2009                    | 0.0  |
| 2010                                                            | Drill Pad DH-2010-2                               | 0.5  |
| 2010                                                            | One West Ridge Road Segment (TR-41)               | 0.3  |
| 2011                                                            | Terror Creek Shaft Pad (TR-47 & 48)               | 1.2  |
| 2011                                                            | GVB 8A & 9D (TR-52 176)                           | 1.0  |
| 2011                                                            | GVB 8-TG (MR-105 194)                             | 1.0  |
| 2011                                                            | Dove Gulch east road (TR-52 184)                  | 0.9  |
| 2011                                                            | HC-08-01 (TR53 186)                               | 0.5  |
| 2011                                                            | GVB-7A (MR-78 164)                                | 0.5  |
| 2011                                                            | FG E Extension (MR-78 170)                        | 0.3  |
| 2011                                                            | GVB-7B (MR-78 165)                                | 0.5  |
| 2011                                                            | FG N Ext (MR-78 171)                              | 0.1  |
| 2011                                                            | GVB-7D (MR-78 167)                                | 0.5  |
| 2011                                                            | BRL-08-03 (TR-49 B1 198)                          | 0.5  |
| 2011                                                            | Pond 7 Road (TR49 B1 201)                         | 0.4  |
| 2011                                                            | BRL-08-04 (TR-49 B1 199)                          | 0.5  |
| 2011                                                            | DH-69 Road (TR49 B1 202)                          | 0.7  |
| 2011                                                            | Road NR E Branch (MR-78 168)                      | 0.2  |
| 2011                                                            | Road NR WNW Ext (MR-78 172)                       | 0.3  |
| 2011                                                            | GVB D9-B (TR-23 092)                              | 0.5  |
| 2011                                                            | GVB-10E & 10U-1 (TR-52 180)                       | 1.0  |
| 2011                                                            | Plantation Extension (TR-52 183) partial          | 0.1  |
| 2011                                                            | GVB-D5-C (TR-20 61)                               | 0.5  |
| 2011                                                            | Freeman Gulch North Extension (TR-20 23)          | 0.2  |
| 2011                                                            | GVB-D6-C (TR-20 62)                               | 0.5  |
| 2011                                                            | Freeman Gulch North Extension (TR-20 24)          | 0.2  |
| 2011                                                            | GVB D3-C (TR17 57)                                | 0.5  |
| 2011                                                            | Freeman Gulch Northeast (TR-20 28)                | 0.4  |
| 2011                                                            | Freeman Gulch Northeast (TR-21 76)                | 0.7  |
| 2012                                                            | BRL-08-03 (TR-49 B1 198) <sup>3</sup>             | -0.5 |
| 2012                                                            | Pond 7 Road (TR49 B1 201) <sup>3</sup>            | -0.4 |
| 2012                                                            | GVB-9C (TR52 174)                                 | 1.0  |
| 2012                                                            | GVB-10D-1 & 10D-2 (TR-52 177)                     | 1.0  |
| 2012                                                            | GVB-9E & 8B (TR-52 179)                           | 1.0  |
| 2012                                                            | GVB-B10A (MR-125 205)                             | 1.0  |
| 2012                                                            | GVB-B10B (MR-125 206)                             | 1.0  |
| 2012                                                            | BRL-2012-1 (TR-73 231)                            | 1.0  |
| Total Area backfilled, graded, topsoiled and seeded 2012:       |                                                   | 5.1  |
| 1.1 Acres reported for prior years, 6.2 Acre Increase over 2011 |                                                   |      |
| See footnote 1.                                                 |                                                   |      |
| 2013                                                            | GVB-B11C (MR-124 218) Seed Mix 3                  | 1.0  |
| 2013                                                            | SS-7 (TR-73 229) Seed Mix 4                       | 1.0  |
| 2013                                                            | SS-7 RD (TR-73 239) Seed Mix 4                    | 1.9  |
| 2013                                                            | B-13 Vent (MR-134 245)                            | 1.0  |
| 2013                                                            | Plantation Extension (TR-52 183) Seed Mix 4       | 0.9  |
| Total backfilled, graded, topsoiled and seeded 2013             |                                                   | 5.8  |

<sup>2</sup> Construction of Terror Creek access road re-disturbed 0.5 acres during 2010. Reclaimed acreage reduced from 0.8 to 0.3.

<sup>3</sup> GVB-13E and 13F redisturbed BRL-08-03 drill pad and Pond 7 road. Reclaimed acreage reduced by 0.9 acres.

|      |                                     |      |
|------|-------------------------------------|------|
| 2014 | B11A Drill Site, MR-123             | 1.0  |
| 2014 | B11B Drill Site, MR-123             | 1.0  |
| 2014 | B12A Drill Site, MR-123             | 1.0  |
| 2014 | B12C Drill Site, MR-123             | 1.0  |
| 2014 | B12D Drill Site, MR-124             | 1.0  |
| 2014 | B12E Drill Site, TR-73              | 1.0  |
| 2014 | B13A Drill Site, MR-123             | 1.0  |
| 2014 | B13B Drill Site, TR-73              | 1.0  |
| 2014 | B13C Drill Site, TR-73              | 1.0  |
| 2014 | B14A Drill Site, TR-73              | 1.0  |
| 2014 | B14B Drill Site, TR-73              | 1.0  |
| 2014 | B14C Drill Site, TR-73              | 1.0  |
| 2014 | 2014-SS-B Drill Site, TR-86         | 1.0  |
| 2014 | 2014-SS-C Drill Site, TR-86         | 1.0  |
| 2014 | SS-7 RD (TR-73 239) Claimed in 2013 | -1.9 |
| 2014 | Pitkin Mesa Pipeline, MR-146        | 4.0  |
| 2014 | SS-6 Drill Site, TR-73              | 1.0  |
| 2014 | SS-6 Rd, TR-73                      | 0.3  |
| 2014 | SS-8 Drill Site, TR-78              | 1.0  |
| 2014 | GVB B10B Road, MR-125               | 0.6  |
| 2014 | Gob Pile #4                         | 4.3  |

Total backfilled, graded, topsoiled and seeded 2014 23.3

|      |                                     |     |
|------|-------------------------------------|-----|
| 2015 | B10A Road (MR-125 207)              | 0.4 |
| 2015 | 12D Road (MR-123 216)               | 0.4 |
| 2015 | 12E Road (TR-73 232)                | 0.6 |
| 2015 | B13C-1 (MR-135 246)                 | 1.0 |
| 2015 | B13C-1 Road (MR-135 247)            | 0.4 |
| 2015 | B13D (TR-73 223)                    | 1.0 |
| 2015 | B13E (TR-73 198)                    | 1.0 |
| 2015 | 3E Road aka Pond 7-1 RD (TR-49 201) | 0.2 |
| 2015 | B13F (MR-133 243)                   | 1.0 |
| 2015 | 13F Road (MR-133 244)               | 0.2 |
| 2015 | 14B Road (TR-73 235)                | 0.1 |
| 2015 | 14C Road Partial                    | 0.2 |
| 2015 | B14E (TR-73 228)                    | 1.0 |
| 2015 | B14D Road (TR-73 237)               | 0.3 |
| 2015 | B14F (TR-78 254)                    | 1.0 |
| 2015 | 14F Road (TR-78 & MR-152 248)       | 0.5 |
| 2015 | B15A (TR-78 255)                    | 1.0 |
| 2015 | 15A Road (TR-90 287)                | 0.3 |
| 2015 | B15B (TR-78 256)                    | 1.0 |
| 2015 | B15C (TR-78 257)                    | 1.0 |
| 2015 | B15D (TR-78 258)                    | 1.0 |
| 2015 | B16A (TR-78 259)                    | 1.0 |
| 2015 | 16A Road (MR-152 250)               | 0.4 |

|      |                          |      |
|------|--------------------------|------|
| 2015 | B16B (TR-86 272)         | 1.0  |
| 2015 | B16C (TR-86 273)         | 1.0  |
| 2015 | B16D (TR-86 274)         | 1.0  |
| 2015 | B17A (TR-86 275)         | 1.0  |
| 2015 | B17B (TR-86 276)         | 1.0  |
| 2004 | GVB-6A MR-65 153         | -0.5 |
| 2004 | Vent Spur Road MR-65 154 | -0.1 |
| 2015 | Gob Pile No. 2           | 4.5  |

Total backfilled, graded, topsoiled and seeded 2015 23.9

|      |                                   |      |
|------|-----------------------------------|------|
| 2016 | 15B RD Actually Reclaimed in 2015 | 0.36 |
| 2016 | 15D RD Actually Reclaimed in 2015 | 0.43 |
| 2016 | 16B RD Actually Reclaimed in 2015 | 0.42 |
| 2016 | 16C RD Actually Reclaimed in 2015 | 0.37 |

|                                                                       |      |
|-----------------------------------------------------------------------|------|
| Total backfilled, graded, topsoiled and seeded 2015, Reported in 2016 | 1.58 |
| Total backfilled, graded, topsoiled and seeded 2017                   | 0.0  |
| Total backfilled, graded, topsoiled and seeded 2018                   | 0.0  |
| Total backfilled, graded, topsoiled and seeded 2019                   | 0.0  |
| Total backfilled, graded, topsoiled and seeded 2020                   | 0.0  |
| Total backfilled, graded, topsoiled and seeded 2021                   | 0.0  |

Seeding rates listed in the permit are drill seed rates which will be doubled for areas that must be broadcast seeded.

(f) Areas backfilled, graded, topsoiled and seeded through 2020. (Permanent) – 98.5

(2) Vegetation Studies –None during 2020

The mine site and many of the drill sites and roads were treated for variations of thistle, white top, knapweed and houndstongue using Curtail. The entire mine site was spot sprayed.

Sincerely,

*J. E. Stover*

J. E. Stover, P.E.  
Consulting Engineer

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2021

|                                 |               |                      |
|---------------------------------|---------------|----------------------|
| Bowie No. 2 Mine                | C-1996-083    | Bowie Resources, LLC |
| Mine Name                       | Permit Number | Permittee            |
| P.O. Box 1488, Paonia, CO 81428 |               |                      |
| Address                         |               |                      |

This report, required by Rule 2.04.13, is due by February 15 of each year, or other date, as agreed upon by the Division. It should include text, discussion, and maps, at a minimum, in addition to any other reclamation monitoring data as required by the approved permit. The location of the acreage reported under each land status category and year of seeding (if applicable) should be clearly identified on a map included with the report.

| Land Category                               | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      |   | Cumulative Total |
|---------------------------------------------|--------------------------------------------------------|--------------------|----------------------|---|------------------|
|                                             |                                                        | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acreage in Active Mining Areas <sup>1</sup> | 0                                                      |                    |                      | = | 0                |

| Land Category                | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      |   | Cumulative Total |
|------------------------------|--------------------------------------------------------|--------------------|----------------------|---|------------------|
|                              |                                                        | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acres Disturbed <sup>2</sup> | 381                                                    |                    |                      | = | 381              |
| Acres Backfilled and Graded  | 98.5                                                   |                    |                      | = | 98.5             |
| Acres Topsoiled              | 98.5                                                   |                    |                      | = | 98.5             |

| Acreage in Long-term Facilities <sup>3</sup> | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      |   | Cumulative Total |
|----------------------------------------------|--------------------------------------------------------|--------------------|----------------------|---|------------------|
|                                              |                                                        | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Non-Permanent Facilities                     | 277.2                                                  |                    |                      | = | 277.2            |
| Permanent Facilities (permitted)             | 5.3                                                    |                    |                      | = | 5.3              |
| Totals                                       | 282.5                                                  |                    |                      | = | 282.5            |

| Acres Seeded (permanent) | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      |   | Cumulative Total |
|--------------------------|--------------------------------------------------------|--------------------|----------------------|---|------------------|
|                          |                                                        | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| 9 Years and Less         | 73.4                                                   |                    | 13.7                 | = | 59.7             |
| 10 Years and Greater     | 25.1                                                   | 13.7               |                      | = | 38.8             |
| Totals                   | 98.5                                                   |                    |                      | = | 98.5             |

| Bond Release       | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      |   | Cumulative Total |
|--------------------|--------------------------------------------------------|--------------------|----------------------|---|------------------|
|                    |                                                        | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Phase I Released   | 95.2                                                   |                    |                      | = | 95.2             |
| Phase II Released  | 45.33                                                  |                    |                      | = | 45.33            |
| Phase III Released | 4.10                                                   |                    |                      | = | 4.10             |

<sup>1</sup>Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded

<sup>2</sup>Surface Mine Acres Disturbed = B&G + Long-Term Facilities + Active Mining Areas; Underground Mine Acres Disturbed = B&G + Long-Term Facilities; Separately-permitted Loadouts = B&G + Long-Term Facilities

<sup>3</sup>Includes haul, access and light-use roads, temporary dams and impoundments; permanent dams and impoundments; diversion and collector ditches, water and air monitoring sites; topsoil stockpiles; overburden stockpiles; repair, storage and construction areas; office area, repair shops, and parking; coal stockpiles, loading, and processing areas; railroads; coal conveyors; refuse piles and coal mine waste impoundments; head-of-hollow fills; valley fills; ventilation shafts and entryways; and non-coal waste disposal area (garbage dumps and coal combustion by-products disposal areas).