

**Dewey-Burdock Project
Large Scale Mine Permit Application
Revision Index**

December 3, 2012 Responses to October 31, 2012 Completeness and Technical Review Comments

| Volume | Page, Map or other Permit Entry to be Removed | Page, Map or other Permit Entry to be Added | Description of Change |
|--------|---|---|--|
| 1 | iv-xi, xix, xx-xxi (TOC) | iv-xi, xix, xx-xxi (TOC) | Update Table of Contents to accommodate replacement pages. |
| 1 | pp. 1-3 through 6 (Table 1.1-1, partial) | pp. 1-3 through 6 (Table 1.1-1, partial) | Completeness comments 8 and 13 - Updated Table 1.1-1. |
| 1 | pp. 1-9 through 14 (Table 1.1-2, complete) | pp. 1-9 through 14c (Table 1.1-2, complete) | Completeness comments 10, 15, 17-20, 22-23, 25-30 - Updated Table 1.1-2. |
| 1 | p. 3-3, 4 | p. 3-3, 4 | Technical comment 2 - Revised Table 3.1-3 to show the distances from nearby residences to the proposed affected area boundary. Revised Table 3.1-3 reference on p. 3-3. |
| 1 | p. 3-5 (Fig. 3.1-1) | p. 3-5 (Fig. 3.1-1) | Completeness comment 6 - Added proposed affected area boundaries. |
| 1 | p. 3-25 (Fig. 3.2-6) | p. 3-25 (Fig. 3.2-6) | Completeness comment 6 - Added proposed affected area boundaries. |
| 1 | p. 5-9 | pp. 5-9, 9a | Completeness comment 15 - Added narrative description of premining contours. Added reference to land application cross sections in Plates 3.2-23 through 3.2-27 and facility cross sections in Plates 5.3-15 and 5.3-16. |
| 1 | p. 5-33 (Fig. 5.3-9) | p. 5-33 (Fig. 5.3-9) | Completeness comment 1 - Added well field numbers to indicate direction of mining. |
| 1 | pp. 5-73,74 | pp. 5-73, 73a, 74 | Completeness comment 15 - Indicated that spoil stockpiles for the facility areas are shown on Plates 5.3-1 and 5.3-2. Completeness comment 23 - Described how topsoil and spoil stockpiles will be located in a manner to facilitate reclamation. Completeness comment 25 - Corrected Burdock area topsoil volume estimate; added topsoil salvage estimates for initial well fields. Completeness comment 30 - Addressed whether spoil material is anticipated to be acid forming, toxic, or a source of water pollution. |
| 1 | p. 5-77 | p. 5-77 | Technical comment 3 - Corrected text to indicate that secondary access road culverts will be designed to convey at a minimum discharge from the 2-year, 6-hour precipitation event. |

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| 1 | p. 5-78 | pp. 5-78, 78a | Completeness comment 27 - Addressed PMP designs for diversions around processing facilities. Addressed protection of erosion of diversion channels. |
| | | | Completeness comment 28 - Clarified that there are no intermittent stream channels in the permit area and no intermittent or perennial diversions. |
| 1 | p. 5-83 | pp. 5-83, 83a, 83b, 83c | Completeness comment 19 - Addressed site evaluation and compatibility criteria for land application systems in ARSD 74:29:05:16. |
| 1 | p. 5-109 | p. 5-109 | Completeness comment 26 - Added operational surface water monitoring parameters to Table 5.5-4 to address South Dakota surface water quality standards. |
| 1 | p. 5-113 | pp. 5-113, 113a | Completeness comment 20 - Addressed maximum allowable metals accumulation values for land application area soils and vegetation. |
| | | | Technical comment 5 - Committed to sampling catchment area soils and vegetation annually. |
| 1 | --- | p. 5-126a | Completeness comment 31 - Added Section 5.6.3.1.5 to address potential for subsidence in ISR well fields. |
| 1 | p. 5-132 | p. 5-132 | Technical comment 4 - Updated Section 5.6.3.2 to indicate that DENR will be notified in the event of an excursion. |
| 1 | p. 5-133 | pp. 5-133, 133a | Completeness comment 29 - Discussed potential impacts to the cottonwood gallery riparian zone. |
| 1 | p. 5-151 | pp. 5-151, 151a | Completeness comment 14 - Added mitigation measures to address potential impacts to nearby residences and recreation areas. |
| 1 | p. 5-161 | pp. 5-161, 161a | Completeness comment 9 - Added description of bald eagle mitigation/management plan. |
| 1 | p. 5-163 | pp. 5-163, 163a | Completeness comment 5 - Added mitigation of potential impacts to NRHP-eligible and potentially eligible sites. |
| 1 | p. 5-167 | pp. 5-167, 167a, 167b | Completeness comment 8 - Added section and figure addressing protection of man-made structures. |
| 1 | pp. 6-18, 19 | pp. 6-18, 18a, 19, 19a | Completeness comment 22 - Added discussion of how postmining land uses meet criteria in ARSD 74:29:06:02(4). |
| | | | Completeness comment 32 - Described how alfalfa is the only crop currently proposed to determine reclamation success of cropland. |

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| 1 | pp. 6-21, 22, 23 | pp. 6-21, 21a, 21b, 22, 22a, 23 | Completeness comment 10 - Revised Sections 6.4.3.1 and 6.4.3.3 to include information on sediment control, elimination of depressions, and altered drainages in the general methods for spoil replacement and grading. Also included specific methods for regrading mud pits, processing facilities, land application areas and access roads. |
| | | | Completeness Comment 13 - Revised Sections 6.4.3.2 and 6.4.3.4 to address areas within limited revegetation potential. |
| | | | Completeness comment 25 - Revised Section 6.4.3.2 to address excess or limited topsoil and analysis of topsoil to determine whether fertilizer or other amendments will be required to establish vegetation. |
| 1 | p. 6-24 | pp. 6-24, 24a | Completeness comment 21 - Added Section 6.4.4, Revegetation of Land Application Areas. |
| 1 | pp. 6-29, 30 | pp. 6-29, 30 | Completeness comment 21 - Added reference to Sections 5.5.6.1 and 5.5.7.1 for monitoring potential impacts to soil and vegetation in land application areas. Added reference to Section 6.4.4 for revegetation of land application areas. |
| 1 | p. 7-4 | p. 7-4 | Completeness comment 5 - Added reference for Dewey-Burdock Project Draft SEIS. |
| 2 | Plate 2.2-1 | Plate 2.2-1 | Completeness comment 1 - Updated mineral ownership to show unpatented mining claims. |
| 2 | Plate 2.2-2 | Plate 2.2-2 | Completeness comment 1 - Revised surface ownership to indicate BNSF and county road ownership within rights of way. |
| 2 | --- | Plates 3.2-23 through 3.2-27 | Completeness comment 17 - Replaced outdated plates 335, 337 and 338 in Appendix 5.3-A with Plates 3.2-23 through 3.2-27, Land Application Cross Sections K-K' through O-O'. |
| 3 | Plates 5.3-1 and 5.3-2 | Plates 5.3-1 and 5.3-2 | Completeness comment 15 - Added spoil stockpile locations for facility areas. |
| 3 | Plate 6.4-1 | Plate 6.4-1 | Completeness comment 4 - Added proposed affected area boundaries and table describing the postmining land use of the affected area. |
| 3 | --- | Plate 6.4-2 | Completeness comment 24 - Added designated reference areas for rangeland revegetation. |
| 4 | App. 1.0-A, Application Form, p. 1 | App. 1.0-A, Application Form, p. 1 | Completeness comment 1 - Added CT Corporation System as registered agent. |
| 4 | App. 1.0-A, Certification of Applicant Form, pp. 1-2 | App. 1.0-A, Certification of Applicant Form, pp. 1-2 | Completeness comment 2 - Updated certification of applicant form. |

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| 4 | App. 1.0-B, p. 1-2 | App. 1.0-B, p. 1-2 | Completeness comment 24 - Added relocating, adding or removing reference areas to technical revision list. |
| 4 | App. 2.1-A, p. 2.1-A-3 and subsequent blank page | App. 2.1-A, p. 2.1-A-3, 4 | Completeness comment 3 - Added letter from Custer County indicating that Powertech is in substantial compliance with the procedures to obtain county permits. |
| 4 | App. 2.2-A (complete) | App. 2.2-A (complete) | Completeness comment 1 - Corrected legal description under Section 29. Added BNSF Railway Company and Custer and Fall River counties to surface ownership lists and surface/mineral ownership table. Made other minor corrections as described in comment response. |
| 4 | App. 3.2-C, Plate 1 | App. 3.2-C, Plate 1 (2 sheets) | Completeness comment 17 - Added legend to App. 3.2-C, Plate 1. |
| 5 | App. 3.5-A, Exhibits 3.5-A-1 through 3.5-A-3 | App. 3.5-A, Exhibits 3.5-A-1 through 3.5-A-3 | Completeness comment 17 - Updated App. 3.5-A Exhibits 3.5-A-1 through 3.5-A-3 with ARSD and SDCL reference. |
| 5 | App. 3.9-A, Maps 1-3 | App. 3.9-A, Maps 1-3 | Completeness comment 17 - Updated App. 3.9-A Maps 1-3 with signature of preparer and SDCL reference. |
| 6 | App. 5.3-A, Plates 315, 335, 337 and 338 | App. 5.3-A, pp. P-2 through P-5 | Completeness comment 17 - Replaced outdated plates 315, 335, 337 and 338 with references to Plates 3.2-10 and 3.2-23 through 3.2-27 |
| 6 | --- | App. 6.4-A, p. 6.4-A-29 and subsequent blank page | Completeness comment 7 - Added postmining land use and reclamation seed mixture consultation forms for BNSF. |
| 6 | App. 6.4-C pp. 6.4-C-1 and 2; p. 6.4-C-6 and subsequent blank page | App. 6.4-C pp. 6.4-C-1 and 2; p. 6.4-C-6 and 7 | Completeness comment 11 - Updated weed control plan to omit burning as a potential weed control method and added concurrence from Custer County. |
| 6 | App. 6.4-D (complete) | App. 6.4-D (complete) | Completeness comment 24 - Updated revegetation performance criteria to include reference areas. |