

## **POWERTECH (USA) INC.**

January 15, 2013

Ms. Valois Shea  
U.S. EPA Region 8  
Mail Code: 8P-W-UIC  
1595 Wynkoop Street  
Denver, CO 80202-1129

**Re: Dewey-Burdock Project Class III Underground Injection Control Permit Application  
Updates through January 15, 2013**

Dear Ms. Shea:

Powertech (USA) Inc. is pleased to submit the enclosed updates to its July 2012 Dewey-Burdock Project Class III Underground Injection Control Permit Application. Thirteen alluvial groundwater monitoring wells constructed at the site in 2012 and Hydro ID 11, a stock well located approximately two kilometers south-southeast of the project boundary, have been incorporated into the application. A number of additional minor updates, which are described in the enclosed index, have been incorporated into the application at this time also.

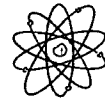
Powertech (USA) Inc. appreciates the opportunity to update its Class III Underground Injection Control Permit Applications and looks forward to addressing any questions you may have. Please do not hesitate to contact me at 303-790-7528 if I can be of assistance.

Sincerely,

John Mays  
Vice President - Engineering

Encl. Index of Updates  
2 hardcopies of updated text pages, Figures 4.1 and 17.1, and Plate 3.1  
2 CDs containing updated text pages, Figures 4.1 and 17.1, Plate 3.1, and Appendices A and B

cc: Mike Cepak, SD DENR (1 CD)  
Marian Atkins, BLM (1 CD)  
Ronald Burrows, NRC (~~1 CD~~)



Jack Fritz, WWC Engineering (1 hardcopy and 1 CD)  
Richard Clement, Powertech (1 CD)  
Richard Blubaugh, Powertech (1 CD)  
Mark Hollenbeck, Powertech (1 hardcopy and 1 CD)



**Index of Updates  
Class III UIC Permit Application  
Dewey-Burdock Project**

Page, Figure, Plate, or Appendix	Update Description
Cover Page	“Updated January 2013” indicated on cover page.
Page 3-1	Powertech is aware of 17 domestic wells within the area of review. Earlier, one well, Hydro ID 704, was counted twice in error. Section 3.1 on p. 3-1, 2 <sup>nd</sup> paragraph, 2 <sup>nd</sup> sentence was updated accordingly.
Page 4-1	Altogether, there are currently 122 known wells within the area of review (17 domestic, 44 stock, 1 irrigation, and 60 monitoring wells). Page 4-1 was updated accordingly.
Page 4-3	The number of plugged and abandoned oil test wells was updated from 12 to 13. The two test wells located in T6S R1E Sec 19 were previously counted as one.
Figure 4.1	Hydro IDs 116 and 506 were removed from the figure. They are properly shown on Plate 3.1. Hydro IDs 429, 431, 432, and 433 were removed from the figure since they duplicate Hydro IDs 615, 611, 612, and 616, respectively. Hydro IDs 615, 611, 612, and 616 are properly shown on Plate 3.1. The locations of 605, 651 and 635 were added to Plate 3.1 not as wells, but as current (605 and 635) and historical (651) stock watering locations sourced by pipelines from Hydro IDs 668, 6 and 5, respectively.
Figure 17.1	Identification numbers were added to well field areas and Hydro ID 8 was removed since it is outside the area of review.
Plate 3.1	Dashed lines from Hydro IDs 5, 668 and 6 were drawn to Hydro IDs 635, 605 and 651, respectively, to indicate the presence of pipelines from wells (Hydro IDs 5, 668 and 6) to current or historical stock watering locations (Hydro IDs 635, 605 and 651). APIs 40 047 20045 and 40 047 05093 were shifted to the locations of Hydro IDs 3 and 4, respectively, to indicate completion of oil tests as water wells. Hydro ID 11 was added at the location of API 40 047 05090. The residence in the southeast quarter of Section 15 T7S R1E was updated to one. The residence in the southwest quarter of Section 20 T6S R1E was removed from the plate since there is currently no residence at this location. Thirteen new alluvial monitoring wells were added to the plate. The locations of Hydro IDs 37, 703, 619, 698, and 3026 were adjusted based on updated GPS coordinates.
Appendix A	Footnotes were added to Table 1 describing the presence of former oil test wells at Hydro IDs 3, 4, 5, and 11. Footnotes were added to Table 2 describing duplication of Hydro IDs 429, 431, 432, and 433 with Hydro IDs 615, 611, 612, and 616, respectively.
Appendix B	The table of contents was updated. Notes and source documents for Hydro ID 11 and thirteen new alluvial wells were incorporated.
Appendices A and B	Construction details for Hydro ID 11 and thirteen new alluvial wells (BC-1, BC-2, BC-3, BI-2, DC-1, DC-2, DC-3, DC-4, 711, 712, 713, 714, and 715) were added to Tables 1.

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