

## **Revision List of Changes**

**Revision 13, Renewal #2 to Permit NAFK-9503**

**December 16, 2005**

1. Updated variable costs.
2. The breakeven distance changed as a result of updating the variable cost estimates.
3. Removed worst case pit in section 26 of NAFK-8705
4. Removed ponds (P-R25-01, P-R30-01, P-R30-3, P-R30-02) and all associated diversions and piles from map.
5. Added topsoil and subsoil piles #455 and #210 respectively.
6. Removed topsoil and subsoil work previously shown as part of the reclamation of pond P-R36-01. Pond was built in the drainage and SPGM was only stripped away for the pond embankment. Pond embankment SPGM reclamation work is still accounted for on the map and in the spreadsheet calculations.
7. Removed worst case pit in the SE $\frac{1}{4}$  of section 33 (NAFK-8705).
8. Removed topsoil #221, #281, #283, #285 and subsoil piles #126 from section 27 (NAFK-8405).
9. Added ponds P-E34-03, and P-E34-08 in section 34 (NAFK-8405).
10. Removed deadhead route from section 27 (NAFK-8405).
11. Added 39.9 acres of mining disturbance to section 34 (NAFK-8705).  
Area was displayed on map, but was not accounted for in calculations.  
Therefore, topsoil and subsoil replacement acres were added to the spreadsheet.
12. Removed 107.0 acres of mining disturbance from section 33 and 13.9 acres from section 32 (NAFK-8705). Areas have been respread with topsoil and subsoil.

13. Added 2.6 acres of associated disturbance for additional haul road in section 32 (NAFK-8705).
14. Removed 7.2, 56.8, and 28.0 acres of mining disturbance from sections 14, 23, and 26 respectively. Area was removed due to reclamation within the mining disturbance area.
15. Added 1.9, 2.1, and 1.5 acres of associated disturbance for haul roads in sections 14, 23, and 26 respectively.
16. Removed subsoil replacement acres within mining disturbance areas in sections 25, 26, and 27 (NAFK-8705). Area was recently respread with subsoil. However, no topsoil has been respread. Therefore, topsoil acres are still accounted for in the spreadsheet. 50.6 subsoil acres were deleted from section 25, 9.5 acres from section 26, and 42.1 acres from section 27. The areas requiring only topsoil replacement within the mining disturbance are delineated on the map.

**Revision 16 to Permit NAFK-9503**

**September 11, 2008**

**Consolidated Bonding List of Changes**

1. Updated variable costs.
2. The breakeven distance changed as a result of updating the variable cost estimates.
3. Removed Section 26 ponds that have been reclaimed from map and calculations.
4. Removed mining disturbance areas in Sections 23 and 24 that have been recently reclaimed.
5. Removed Pond P-R25-02 from map and calculations.
6. Added associated disturbance area for haul road beginning in Section 25 to Riverdale South Pits in Sections 4 and 36.
7. Added ponds in Sections 4 and 36 to the map and spreadsheet.
8. Added SPGM storage area in Section 36.
9. Added a pit and mining disturbance in Sections 35, 36 and Section 4.

**Revision 16 to Permit NAFK-9503**  
**(Technical Review Responses)**

**January 20, 2009**

**Consolidated Bonding List of Changes**

1. Updated variable costs.
2. The breakeven distance was changed as a result of updating the variable cost estimates.
3. Added ponds in Sections 4 and 9 (NAFK-9503) to the map and spreadsheet.
4. Added diversions in Sections 4 and 9 (NAFK-9503) to the map and spreadsheet.
5. Added SPGM storage areas in Section 9 (NAFK-9503).
6. Added 3,700 ft pit south of HWY 200 and mining disturbance areas in sections 22 & 23.
7. Changed description of water-wagon cost calculations in narrative.
8. Changed formula calculating water-wagon costs in spreadsheet.
9. Updated cubic yards associated with Public Road Reconstruction.

**Revision 16 to Permit NAFK-9503**  
**(Technical Review #2 Responses)**

**March 18, 2009**

**Consolidated Bonding List of Changes**

1. Updated narrative to reflect the January, 2009 variable costs.
2. Updated narrative to state that the pit ramp volumes were calculated using an 8% slope.
3. Updated the breakdown of costs of the water wagon and the total on Page 17.
4. Changed the labeling on the overburden piles associated with ponds.
5. Added discussion on the reclamation of the haul roads constructed of Ashcrete and updated the amount of subsoil needed in the SPM Respread Hours Summary (Associated Disturbance Area).

**Revision 18 to Permit NAFK-9503**

**December 3, 2009**

**Consolidated Bonding List of Changes**

1. Updated Section 4.2.4, Reclamation Costs (Worst Case) stand-alone consolidated bond to reflect the July, 2009 variable costs.
2. The breakeven haul distance was changed to 4,300 feet due to the updates in equipment cost. This also resulted in a few changes to equipment hours and cost totals.
3. Corrected error from Revision 16 that omitted the final costs for the reclamation of haul roads constructed of ashcrete.