

Table 16. Evaluation of soil exposure and oxidation for the four hydrologic alternatives.

|  | No Action<br>Alternative | 18.5'ft<br>Alternative | Isolation<br>Alternative | Preferred<br>Alternative |
|--|--------------------------|------------------------|--------------------------|--------------------------|
| Portion of area with soil<br>oxidation using frequency of<br>inundation criteria | >18.25ft = 7%            | >18.5 ft. = 4%         | >17.75 ft. = 10%         | >18.95 ft = 1.5%         |
| Portion of area with soil<br>oxidation using mean depth<br>criteria              | >18.75 ft. = 3%          | >19.0 ft. = 2%         | >18.25 ft. = 6%          | >19.35 ft = 0.8%         |

\* The area above the 17.75 NGVD contour for the Isolated Wetlands Alternative is actually 1,534 ac. but 156 ac. is mineral, rather than organic soils, and will not oxidize.