

APPENDIX D-8

VEGETATION

In 2007 Intermountain Resources conducted vegetation baseline studies for Black Hills Bentonite (BHB) for a project in the Mayoworth area of Johnson County. This project encompassed approximately five hundred twenty (520) acres on a combination of private, state and federal (Bureau of Land Management-BLM) lands. In the time since this survey was completed BHB decided to separate the 2007 study area in to two individual amendment applications. The Cash Amendment, which includes three hundred twenty (320) acres of state and privately owned land in the original 2007 vegetation study area, was submitted to WDEQ/LQD on September 23, 2011. The North Fork Amendment to Permit to Mine No. 339C consists of the remaining two hundred (200) acres of BLM, state and privately owned lands that were included in the 2007 vegetation study. The following vegetation report encompasses the entire project area surveyed in 2007. However, Table D8-1 has been revised to reflect the vegetation types and disturbance acreage for only the North Fork Amendment area. Tables D8-2 and D8-3 reflect information gathered over the entire five hundred twenty (520) acre 2007 study area.