

Table 4-8. Alternatives Analysis Project Goal Summary Table

Project Goals	Alternative 1	Alternative 2	Alternative 3
Wildlife			
Increase area of woodland, riparian scrub, upland, and wetland habitat	Yes, increases 6 of 6 habitat types	Yes, increases 5 of 6 habitat types	Yes, increases 5 of 6 habitat types
Extend existing wildlife corridors on adjacent lands	Yes	Yes	Yes
Provide areas with minimal human disturbance	Yes	Yes	Yes
Inventory existing wildlife and vegetation to direct restoration actions	Yes	Yes	Yes
Vegetation			
Increase on-site habitat diversity and quality	Yes	Yes	Yes
Restore habitats to the appropriate soil and hydrologic regime that will support natural regeneration	Yes	Yes	Yes
Collect seeds and cuttings for restoration from adjacent sites	Yes	Yes	Yes
Control wildland and agriculture weeds	Yes	Yes	Yes
Utilize non-native species for land management only when necessary	Yes	Yes	Yes
Hydraulics/flooding			
Expand the existing floodplain without jeopardizing adjacent land uses	Yes	Yes	Unknown, need additional study
Maintain or decrease existing flood potential	Yes	Yes	Unknown, need additional study
Maintain existing settling capability of DK area channel	Yes	Yes	Unknown, need additional study
Recreation			
Provide multi-use trails with minimal disturbance to adjacent land uses and wildlife habitat	Yes	Yes	Yes, but trails will not be constructed until mining is complete and trails may be seasonal
Sustainability/Maintenance			
Restored features should require minimal maintenance three years after construction is complete	Yes, but oxbows may need additional periodic maintenance	Yes	Yes

Project Goals	Alternative 1	Alternative 2	Alternative 3
Use of Natural Processes/Innovative Techniques			
Allow natural processes to establish and maintain desired vegetation	Only in very limited areas	Only in very limited areas	Yes, new floodplain may revegetate naturally
Consider cost saving and innovative techniques in restoration program	Yes	Yes	Yes
Education			
Incorporate educational features to increase public awareness	Yes	Yes	Yes
Access Control			
Focus public access and public use in key areas of the site	Yes	Yes	Yes
Provide shade	Yes	Yes	Yes
Design trails to be visible from bluff and other key access points	Yes	Yes	Yes
Adjacent Land Use			
Provide visual screening for adjacent land uses	Yes	Yes	Yes
Provide visual connections with Woodward Park	Yes	Yes	Yes