

Table 1 Affected Environment and Environmental Consequences

Affected Environment/ Resource Area	Impacts				Mitigation	Agency Coordination/Permit s	Comments
	Negligible	Minor	Moderate	Major			
Geology & Soils	X				BMPs		The implementation of construction BMPs will reduce sedimentation.
Hydrology & Floodplains (Executive Order 11988)	X				None		Site is outside designated FEMA 100 year floodplain according to FEMA floodplain maps.
Wetlands (Executive Order 11990)	X				None		The site does not contain jurisdictional wetlands.
Water Quality		X			Implement construction BMPs. Install silt fences/straw bales to reduce soil erosion and sedimentation. Construction contractor to cover any fill stored on site and implement requirements of NPDES stormwater discharge permit, if required.	NPDES stormwater permit or waiver to be obtained by construction contractor.	The drainage system will be required to meet local and county requirements,
Air Quality		X			Temporary roads should be constructed of permeable asphalt-like millings, gravel, or similar material to reduce airborne particles. Periodic wetting during construction and home removal would reduce fugitive dust.		County air shed is in attainment for criteria pollutants per the Clean Air Act.
Vegetation & Wildlife		X			None		Extent of vegetation removal would be minimized to accommodate only what is necessary for facility. Disturbed areas to be stabilized and seeded when construction is complete.
Threatened & Endangered (Endangered Species Act Section 7)	X				None	USFWS (6/30/11) and MDC (6/29/11) determinations.	No State or Federally Listed Endangered Species at this site.
Cultural Resources (National Historic preservation Act Section 106)	X				If unanticipated historic or cultural materials are discovered during construction, construction shall immediately cease within 100 feet of the materials until their cultural affiliation and ultimate disposition are determined in consultation with the Missouri SHPO, FEMA Environmental Liaison Officer and other interested parties.	SHPO determination (6/29/11).	No effect
Socioeconomic/Recreation	X				None		
Environmental Justice	X				None		