

Environmental Resources

Potential Impact Summary

Feature			North		Central		South	
NATURAL RESOURCES	Agriculture							
	Productive Agricultural Land, Direct (acres)		144		118		104	
	Productive Agricultural Land, Indirect (acres)		47		45		78	
	Productive Agricultural Land, Total (acres)		191		163		182	
	Farm Operations Impacted (#)		21		19		15	
	Agricultural Conservation Easements (within Productive Agricultural Land) (acres)		18		16		0	
	Agricultural Security Areas (within Productive Agricultural Land) (acres)		72		34		39	
	Water Resources							
	Wetlands (within overall LOD) (acres)		25		30		18	
	Wetlands (Within bridge footprint, spanned to avoid direct impacts) (acres)		10		15		10	
	Wetlands (Indirect impacts due to loss of upstream flow) (acres)		-		-		4	
	Wetlands Total (acres)		15		15		12	
	Streams (# of crossing linear feet)		25	5,125	37	9,404	47	10,489
	Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet)		15	3,521	28	5,991	22	5,320
	Streams (Indirect impacts due to loss of upstream flow) (linear feet)		-	-	-	-	11	3,209
	Streams Total (# of crossing linear feet)		10	1,604	9	3,413	36	8,378
	Ponds/Lakes (# acres)		8	3.43	9	2.60	10	2.08
	100 Yr. Floodplains (acres)		14		15		13	
	Terrestrial Habitat and Threatened and Endangered Species							
	Forested/Wooded Habitats (acres)		24		31		123	
	Bat Swarming Area (Combined) (acres)		91		77		77	
	Important Bird Areas (acres)		0		2		110	
	Clearwater Conservancy Easements (acres)		18		37		26	
	Geologic Resources							
	Potential for Encountering Acid Producing Rock		Very Low		Low		High	
	Potential for Encountering Sinkholes		High		Moderate		Low	
CULTURAL RESOURCES	Historic Resources							
	NRHP Eligible Property (#)		6		4		4	
	Penns Valley/Brush Valley Rural Historic District Contributing Resource (# of resources adversely affected acres converted)		21	424	15	433	14	469
	Tusseyville Historic District Contributing Resource (# of resources adversely affected acres converted)		7	6	0	0	0	0
	Archaeological Resources							
	Known Archaeological Sites (#)		4		5		5	
	Historic Period Archaeological Sensitivity Area (acres)		20		21		23	
	Statewide Prehistoric/Pre-Contact Model - High Probability Area (acres)		107		116		75	
SOCIOECONOMIC RESOURCES	Socioeconomic Resources							
	Residential Units Displaced (#)		23		16		18	
	Commercial Properties in Limits of Disturbance (non-ag operations) (#)		3		2		2	
	Parks/Recreation Areas (# acres)		0	0	1	8.22	1	0.04
	Potential Waste Sites (#)		21		13		13	