state college area CONNECTOR



Pennsylvania Department of Transportation

www.PennDOT.pa.gov/SCAC

Environmental Resources Potential Impact Summary

Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet)	144 47 191 21 18 72 18 72 10 10 10 10 115 15 15 14 14	 1,604 3.43	118 45 163 19 19 16 34 30 30 15 37 15 37 15	9,404 9,404 5,991 - 3,413 2.60	10 78 18 18 18 18 18 19 36 10	8 32 5 0 8 0 4
Productive Agricultural Land, Indirect (acres) Productive Agricultural Land, Total (acres) Farm Operations Impacted (#) Agricultural Conservation Easements (within Productive Agricultural Land) (acres) Agricultural Security Areas (within Productive Agricultural Land) (acres) Water Resources Wetlands (within overall LOD) (acres) Wetlands (Within bridge footprint, spanned to avoid direct impacts) (acres) Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	47 191 21 18 72 25 10 10 1 15 25 15 15 3 15	3,521 - 1,604	45 163 19 16 34 30 30 15 37 15 37 15 37 9 9	9,404 9,404 5,991 - 3,413 2.60	78 18 18 18 0 39 30 18 10 10 10 11 11 36	 8 32 5 9 8 0 4 2 10,489 5,320 3,209
Productive Agricultural Land, Total (acres) Farm Operations Impacted (#) Agricultural Conservation Easements (within Productive Agricultural Land) (acres) Agricultural Security Areas (within Productive Agricultural Land) (acres) Water Resources Wetlands (within overall LOD) (acres) Wetlands (Within bridge footprint, spanned to avoid direct impacts) (acres) Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	191 21 18 72 25 10 10 5 25 15 15 15 3 15 15	3,521 - 1,604	163 19 16 34 30 31 30 15 37 15 37 28 - 9 9 9 9 9 9 9	9,404 9,404 5,991 3,413 2.60	18 1 1 0 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 3 6	32 5 9 9 8 0 4 2 10,489 5,320 5,320 3,209
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Agricultural Security Areas (within Productive Agricultural Land) (acres) Water Resources Wetlands (within overall LOD) (acres) Wetlands (Within bridge footprint, spanned to avoid direct impacts) (acres) Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Undirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	72 25 10 - 15 15 15 30 15 31 10 10	3,521 - 1,604	34 30 15 - 15 37 28 - 9 9	9,404 5,991 - 3,413 2.60	39 18 10 10 47 22 11 36	9 8 0 10,489 5,320 3,209
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Wetlands (Within bridge footprint, spanned to avoid direct impacts) (acres) Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	10 - 15 15 10 8 14	3,521 - 1,604	15 - 15 37 28 - 9 9	9,404 5,991 - 3,413 2.60	1(4 12 47 22 11 36	0 1 2 10,489 5,320 3,209
Wetlands (Indirect impacts due to loss of upstream flow) (acres) Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	- 15 25 15 - 10 8 14	3,521 - 1,604	- 15 37 28 - 9 9	9,404 5,991 - 3,413 2.60	4 12 47 22 11 36	2 10,489 5,320 3,209
Wetlands Total (acres) Streams (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	<pre>25 15 15 10 8 14</pre>	3,521 - 1,604	37 28 - 9 9	9,404 5,991 - 3,413 2.60	47 22 11 36	10,489 5,320 3,209
Streams (# of crossing linear feet) Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	<pre>25 15 15 10 8 14</pre>	3,521 - 1,604	37 28 - 9 9	9,404 5,991 - 3,413 2.60	47 22 11 36	10,489 5,320 3,209
Streams (Within bridge footprint, spanned to avoid impacts) (# of crossing linear feet) Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	15 - 10 8 14	3,521 - 1,604	28 - 9 9	5,991 - 3,413 2.60	22 11 36	5,320 3,209
Streams (Indirect impacts due to loss of upstream flow) (linear feet) Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	- 10 8 14	1,604	- 9 9	- 3,413 2.60	11 36	3,209
Streams Total (# of crossing linear feet) Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	8 14	-	9	2.60	36	
Ponds/Lakes (# acres) 100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	8 14	-	9	2.60		8 378
100 Yr. Floodplains (acres) Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	14	3.43	_	L	10	
Terrestrial Habitat and Threatened and Endangered Species Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)			15			2.08
Forested/Wooded Habitats (acres) Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	24				13	
Bat Swarming Area (Combined) (acres) Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	24					
Important Bird Areas (acres) Clearwater Conservancy Easements (acres)	24		31		123	
Clearwater Conservancy Easements (acres)	91		77		77	
	0		2		110	
Geologic Resources	18		37		26	
Potential for Encountering Acid Producing Rock	Very Lo	w	Low	/	High	
Potential for Encountering Sinkholes	High		Moder	ate	Low	
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	7	6	0	0	0	0
(# of resources adversely affected acres converted) Archaeological Resources						
Known Archaeological Sites (#)	4		5	T	 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	-					
Residential Units Displaced (#)	23		16		18	
Commercial Properties in Limits of Disturbance (non-ag operations) (#)	3		2		2	
Parks/Recreation Areas (# acres)	0	0	ے 1	8.22	1	0.04
Potential Waste Sites (#)	-				1;	



Potential Impact Summary