Attachment 5

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Data Sources Reviewed for Environmental Assessment and Line Route Siting Study

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Source	Data Type	Format	Date Created	Link
Allegheny County Clearinghouse	Building_Footprint_Locations	.shp	6/17/2016	http://openac-alcogis.opendata.arcgis.com/
	Municipal_Boundaries	.shp	5/29/2019	http://openac-alcogis.opendata.arcgis.com/
	County_Parks	.shp	6/10/2019	http://openac-alcogis.opendata.arcgis.com/
	Watershed_Boundaries	.shp	12/15/2015	http://openac-alcogis.opendata.arcgis.com/
	Cell_Tower_Points	.shp	12/1/2015	http://openac-alcogis.opendata.arcgis.com/
	Wooded_Area_Boundaries	.shp	10/28/2015	http://openac-alcogis.opendata.arcgis.com/
	Cemetry_Outlines	.shp	10/28/2015	http://openac-alcogis.opendata.arcgis.com/
National Flood Hazard Layer (NFHL) (FEMA)	42003C-NFHL	.shp	4/1//2019	https://www.fema.gov/national-flood-hazard-layer-nfhl
National Hydrology Dataset (NHD) (USGS)	H_05020005_HU8_GDB	.shp	8/13/2018	https://viewer.nationalmap.gov/basic/
National Wetland Inventory (NWI) (NRCS/FWS)	PA_shapefile_wetlands	.shp	10/15/2018	https://www.fws.gov/wetlands/data/State-Downloads.html
National Land Cover Dataset (USGS)	nlcd_pa_utm18	Raster (.tif)	2011	https://www.usgs.gov/centers/eros/science/national-land-cover-database?qt-science_center_objects=0#qt-science_center_objects
Pennsylvania Spatial Data Access (PASDA)	AlleghenyCounty_Cemetery2002	.shp	2002	http://www.pasda.psu.edu/
	AlleghenyCounty_RRlines2006	.shp	2006	http://www.pasda.psu.edu/
	AlleghenyCounty_Slopes201001	.shp	January 2010	http://www.pasda.psu.edu/
	AlleghenyCounty_StreetCenterlines201906	.shp	June 2019	http://www.pasda.psu.edu/
	ClassA_Streams201903	.shp	March 2019	http://www.pasda.psu.edu/
	CoalMiningOperations2019_01	.shp	January 2019	http://www.pasda.psu.edu/

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Source	Data Type	Format	Date Created	Link
	DigitizedMinedAreas2019_02	.shp	February 2019	http://www.pasda.psu.edu/
	Oagwells (Oil and Gas Wells)	.shp	May 1996	http://www.pasda.psu.edu/
	PGC_SpecialRegulationsAreas2019 (PGC = PA Game Commission)	.shp	2019	http://www.pasda.psu.edu/
	Trout_NaturalReproduction201903	.shp	March 2019	http://www.pasda.psu.edu/
	TroutStocked_Streams_2019	.shp	2019	http://www.pasda.psu.edu/
PA DEP and PASDA	Chapter 93 Designated Use Streams	.shp	March 2019	https://maps.pasda.psu.edu/ArcGIS/rest/services/pasda/DEP/MapServer
Mon Fayette Expressway (MFE)	Bat_Hibernacula_Sites	.shp	6/7/2018	Data provided by PTC as collected to support MFE
	Cultural_Resources_Listed_Eligible	.shp	11/30/2016	Data provided by PTC as collected to support MFE
	MFE_Haz_Waste_Sites	.dxf	10/25/2018	Data provided by PTC as collected to support MFE
	MFE_Productive_Agricultural_Lands	.dxf	10/25/2018	Data provided by PTC as collected to support MFE
	MFE_NRHP_Historic_Resource_4f	.dxf	10/25/2018	Data provided by PTC as collected to support MFE
	Section_4f_Parks_Rec	.shp	6/7/2018	Data provided by PTC as collected to support MFE
	Turnpike Design	.dxf	April 2019	Data provided by PTC as collected to support MFE
Digital Elevation Model (DEM) (PADCNR PAMAP Program)	3.2 ft Digital Elevation Model	Raster (.tif)	7/13/2007	https://maps.psiee.psu.edu/ImageryNavigator/
EPA	Eco Regions us_eco_l3_state_boundaries	.shp	4/16/2013	https://www.epa.gov/eco-research/level-iii-and-iv-ecoregions-continental-united-states
McCormick Taylor	STREAM_LINE	.shp	2/15/2019	Data provided by McCormick Taylor Wetland Delineation
	STREAM_POLYGON	.shp	2/15/2019	Data provided by McCormick Taylor Wetland Delineation

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Source	Data Type	Format	Date Created	Link
	WETLAND	.shp	2/15/2019	Data provided by McCormick Taylor Wetland Delineation
	STUDY_AREA	.shp	2/15/2019	Data provided by McCormick Taylor Wetland Delineation
ABB Energy Velocity Map	CO2 Pipeline co2_pipe_polyline	.shp	1/27/2016	https://new.abb.com/enterprise-software/energy-portfolio-management/market-intelligence-services/velocity-suite
	Electric Transmission Line e_transln_polyline	.shp	1/27/2016	https://new.abb.com/enterprise-software/energy-portfolio-management/market-intelligence-services/velocity-suite
	General Pipeline gen_pipe_polyline	.shp	1/27/2016	https://new.abb.com/enterprise-software/energy-portfolio-management/market-intelligence-services/velocity-suite
	Major Oil Pipeline maj_oil_pipe_polyline	.shp	1/27/2016	https://new.abb.com/enterprise-software/energy-portfolio-management/market-intelligence-services/velocity-suite
	Natural Gas Pipeline ng_pipe_polyline	.shp	1/27/2016	https://new.abb.com/enterprise-software/energy-portfolio-management/market-intelligence-services/velocity-suite
Esri	Schools gschools	.shp	1/25/2016	http://hub.arcgis.com/pages/open-data
	Gold Course ggolf	.shp	1/25/2016	http://hub.arcgis.com/pages/open-data
	Hospitals ghospitl	.shp	1/25/2016	http://hub.arcgis.com/pages/open-data
	Churches gchurch	.shp	1/25/2016	http://hub.arcgis.com/pages/open-data

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Source	Data Type	Format	Date Created	Link
National Register of Historic Places (NRHP) (NPS)	NRHP Files	.shp	Various dates	https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466
BMcD Engineering	Structure Locations	.dxf	6/26/2019	Burns & McDonnell engineering data
	Route Alignments	.dxf	3/12/2019	Burns & McDonnell engineering data
	Access Routes & Work Pads	.dxf	April 2019	Burns & McDonnell engineering data