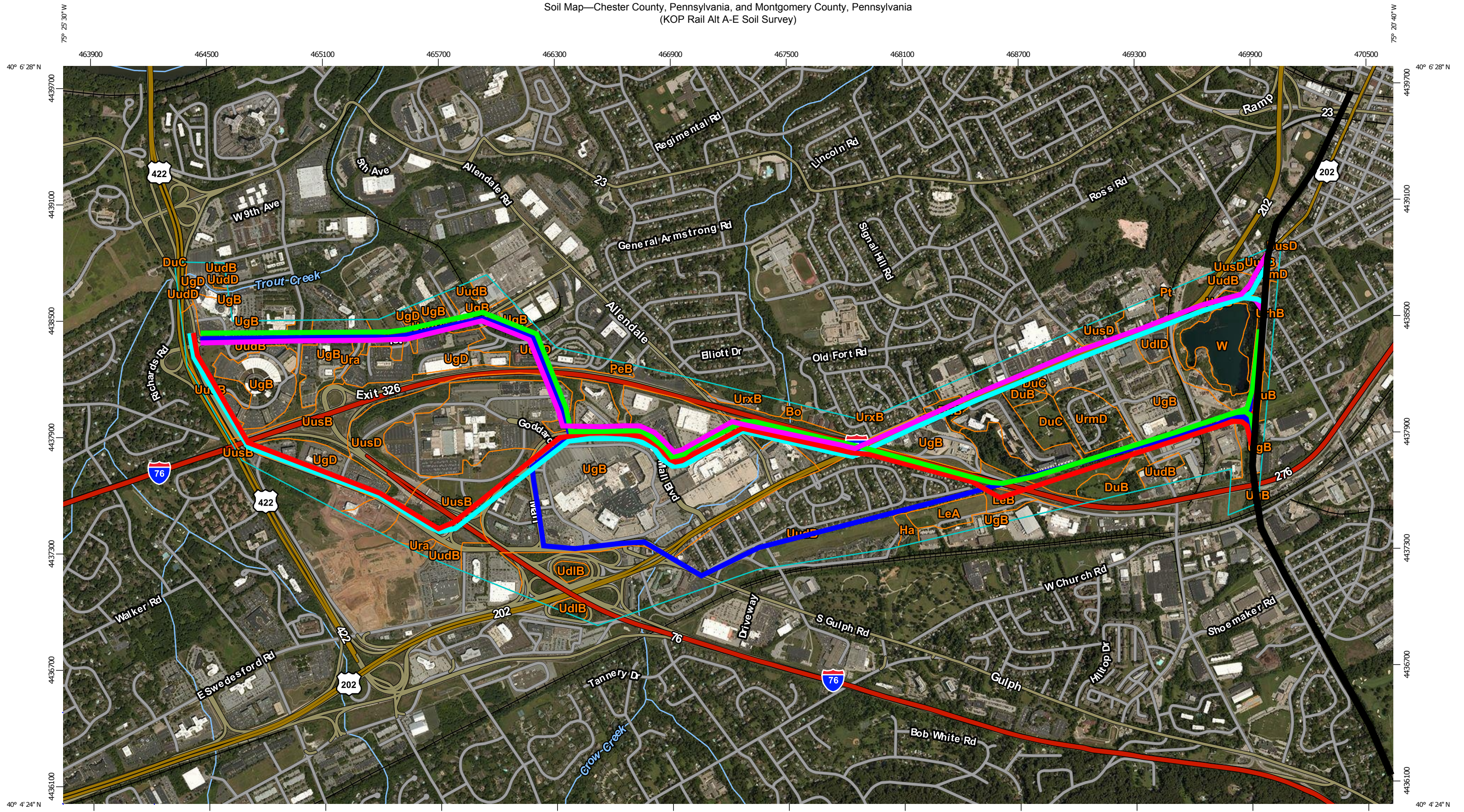


Soil Map—Chester County, Pennsylvania, and Montgomery County, Pennsylvania
(KOP Rail Alt A-E Soil Survey)



Map Scale: 1:18,500 if printed on B landscape (17" x 11") sheet.
 0 250 500 1000 1500 Meters
 0 500 1000 2000 3000 Feet
 Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

- LEGEND**
- PECO-1st Ave.
 - PECO/TP-1st Ave.
 - PECO/TP-N. Gulph
 - US 202-1st Ave.
 - US 202-N. Gulph
 - Existing NHSL Alignment



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

Soil Map—Chester County, Pennsylvania, and Montgomery County, Pennsylvania
(KOP Rail Alt A-E Soil Survey)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:12,000 to 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 5, Sep 15, 2014

Soil Survey Area: Montgomery County, Pennsylvania
Survey Area Data: Version 7, Sep 19, 2014

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 25, 2014—Aug 11, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Chester County, Pennsylvania (PA029)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UudB	Urban land-Udorthents, limestone complex, 0 to 8 percent slopes	1.3	0.1%
UusB	Urban land-Udorthents, shale and sandstone complex, 0 to 8 percent slopes	0.4	0.0%
Subtotals for Soil Survey Area		1.7	0.1%
Totals for Area of Interest		1,423.1	100.0%

Montgomery County, Pennsylvania (PA091)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Bo	Bowmansville-Knauers silt loams	1.8	0.1%
Ch	Codorus silt loam	0.7	0.0%
DuB	Duffield silt loam, 3 to 8 percent slopes	22.0	1.5%
DuC	Duffield silt loam, 8 to 15 percent slopes	42.9	3.0%
EcD	Edgemont channery loam, 15 to 25 percent slopes	0.0	0.0%
Ha	Hatboro silt loam	3.3	0.2%
LeA	Lawrenceville silt loam, 0 to 3 percent slopes	10.7	0.8%
LeB	Lawrenceville silt loam, 3 to 8 percent slopes	5.7	0.4%
PeB	Penn silt loam, 3 to 8 percent slopes	1.6	0.1%
Pt	Pits, quarry	0.0	0.0%
UdIB	Udorthents, limestone, 0 to 8 percent slopes	6.2	0.4%
UdID	Udorthents, limestone, 8 to 25 percent slopes	23.2	1.6%
UgB	Urban land, 0 to 8 percent slopes	594.5	41.8%
UgD	Urban land, 8 to 25 percent slopes	63.8	4.5%
Ura	Urban land, occasionally flooded	4.3	0.3%
UrhB	Urban land-Duffield complex, 0 to 8 percent slopes	4.8	0.3%
UrmD	Urban land-Glenelg complex, 8 to 25 percent slopes	21.4	1.5%

Montgomery County, Pennsylvania (PA091)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UrxB	Urban land-Penn complex, 0 to 8 percent slopes	25.8	1.8%
UudB	Urban land-Udorthents, limestone complex, 0 to 8 percent slopes	326.1	22.9%
UudD	Urban land-Udorthents, limestone complex, 8 to 25 percent slopes	26.6	1.9%
UusB	Urban land-Udorthents, shale and sandstone complex, 0 to 8 percent slopes	155.1	10.9%
UusD	Urban land-Udorthents, shale and sandstone complex, 8 to 25 percent slopes	56.3	4.0%
W	Water	24.8	1.7%
Subtotals for Soil Survey Area		1,421.4	99.9%
Totals for Area of Interest		1,423.1	100.0%