# Lancaster County PA

**Preliminary Phase 6 land use methods for Lancaster County, Pennsylvania.**
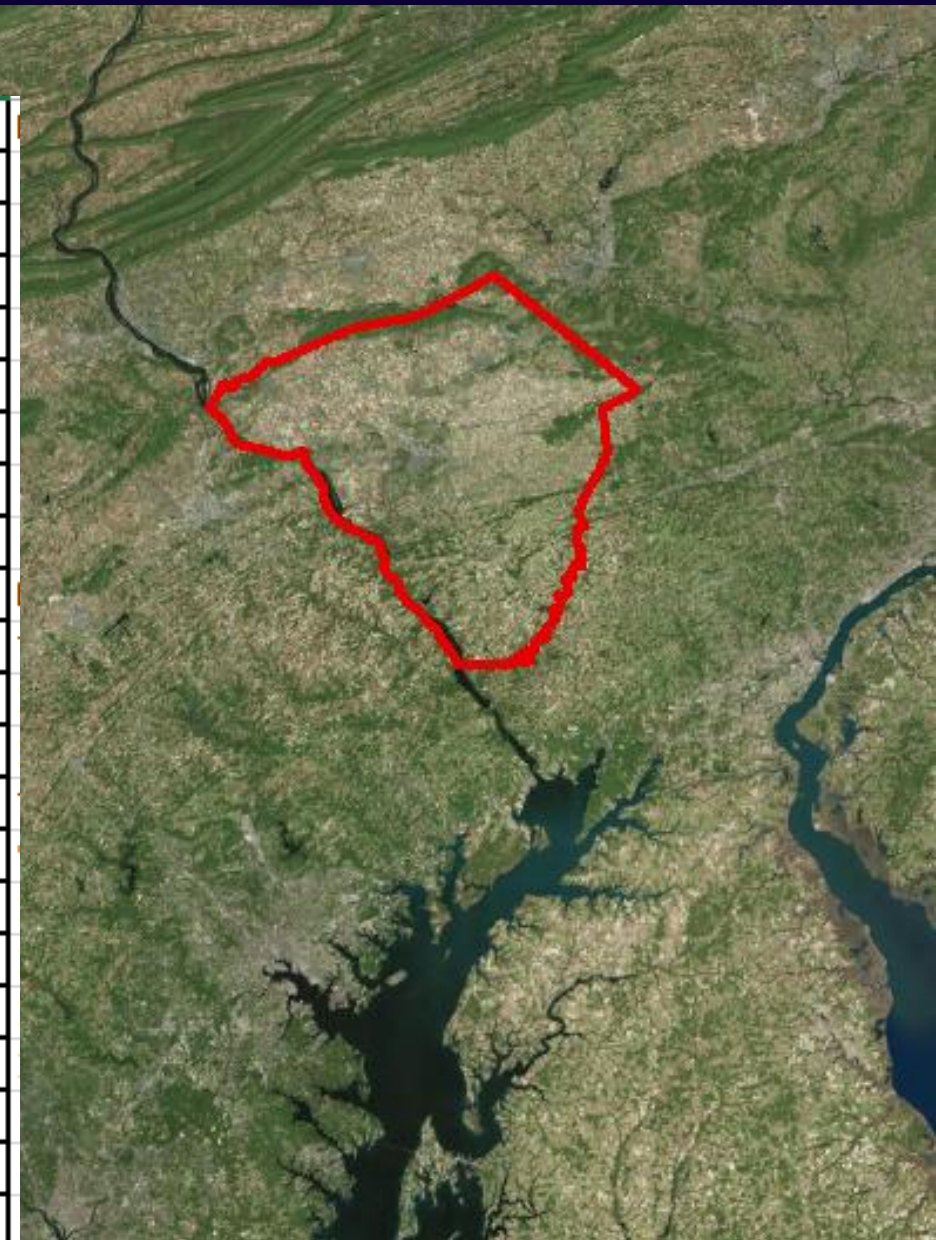
**Renee Thompson – USGS Chesapeake Bay Program Office**
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**410-267-5749**

# Local Data downloaded from PASDA

| Shapefile Name | Type | Potential P6 application |
|---|---|---|
| LanCo_TrainStations | Point File | 1.1.2 Buildings, parking lots, etc. |
| DEMPts | Points | |
| Railroad | Line | 1.1.1 Roads |
| Buildings2005 | Polygon | 1.1.2 Buildings, parking lots, etc. |
| Drives2008 | Polygon | 1.1.2 Buildings, parking lots, etc. |
| ParkingLots2008 | Polygon | 1.1.2 Buildings, parking lots, etc. |
| RoadEdge2008 | Polygon | 1.1.1 Roads |
| Quarries | Polygon | 1.4 Extractive |
| Act319Parcels | Polygon | 3.1 Forest OR Ag depending on attribute table |
| LanCo_Easements | Polygon | |
| LanCo_AgSecurityZones | Polygon | |
| LanCo_FloodZones | Polygon | |
| LanCo_LandCover2008 | Polygon | |
| LanCo_Muni | Polygon | |
| LanCo_ParksAnd_Rec | Polygon | |
| LanCo_UGS_VGA | Polygon | |
| LanCo_Zoning | Polygon | |
| lanpa2008 | 30m grid | |
| LanCoZoning | Polygon | |
| Lancover_2010Lancaster | 1m grid | Direct use along with other data, aggregate to 10m |
| LancasterCountyLulc201403 | Polygon | Develop Urban Footprint |

# Created a "Developed Mask"

| Level II | Level III | Lancaster County LULC Crosswalk* (LancasterCountyLulc201403.shp) |
|---|---|---|
| 1.1 Impervious | | |
| | 1.1.1 Roads | ID 140 Transportation and utilities |
| | 1.1.2 Buildings, parking lots, etc. | ID 111 Residential <2/ac; 112 Residential 2.1-7/ac; 113 Residential >7/ac; 114 Farmsteads; 120 Commercial and services; 130 Industrial; 150 Unknown industrial; 160 Mixed Urban or built up land; 170 (other/unknown?); 180 Institutional |
| 1.2 Pervious | 1.2.1 Turf | |
| | 1.2.2 Tree canopy | |
| | 1.2.3 Open space | 190 Recreational; 310 Herbaceous (open, grassy large lawns and non-church cemetaries); 320 Shrub/Brush; 330 Mixed Cover; 730 Sandy (non-beach); 740 Rock outcrops; 770 Mixed barren and vegetated (basic disturbed class) |
| 1.3 Construction | | 760 Transitional (under construction) |
| 1.4 Extractive | | 750 Mines/quarries/pits and junk yards/landfills |

# Land Use Land Cover 2014 – "Developed Mask"
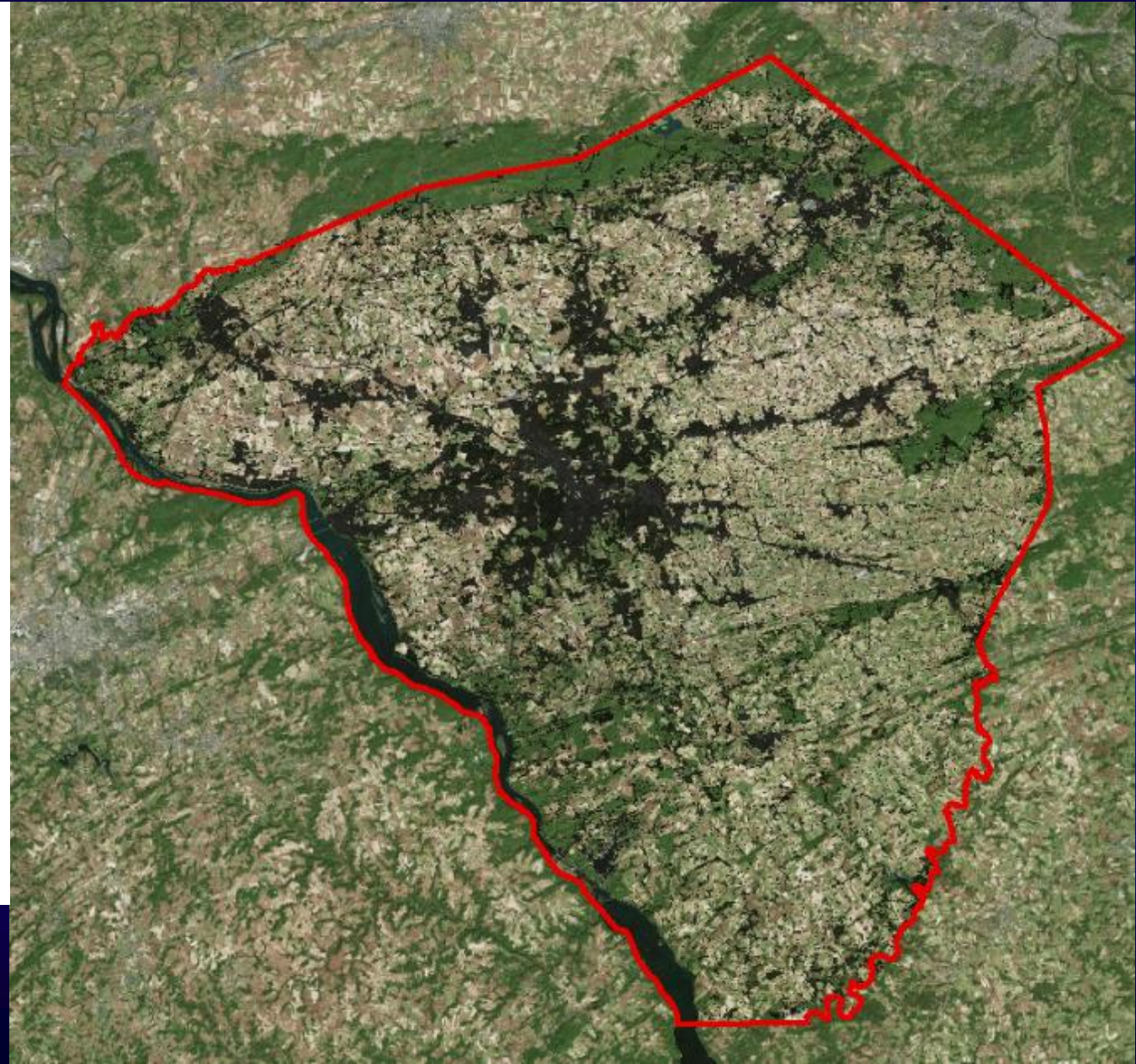
**Developed Area, Driveways, Road Edge, Parking lots and Building Footprints**

**Impervious Surface – Roads**

**Local Data:**
**Road Edge 2008**
**Drives 2008**
**Augmented by 2014 land cover and NAVTEQ**

Impervious Surface – Other

Local Data:
Buildings 2005
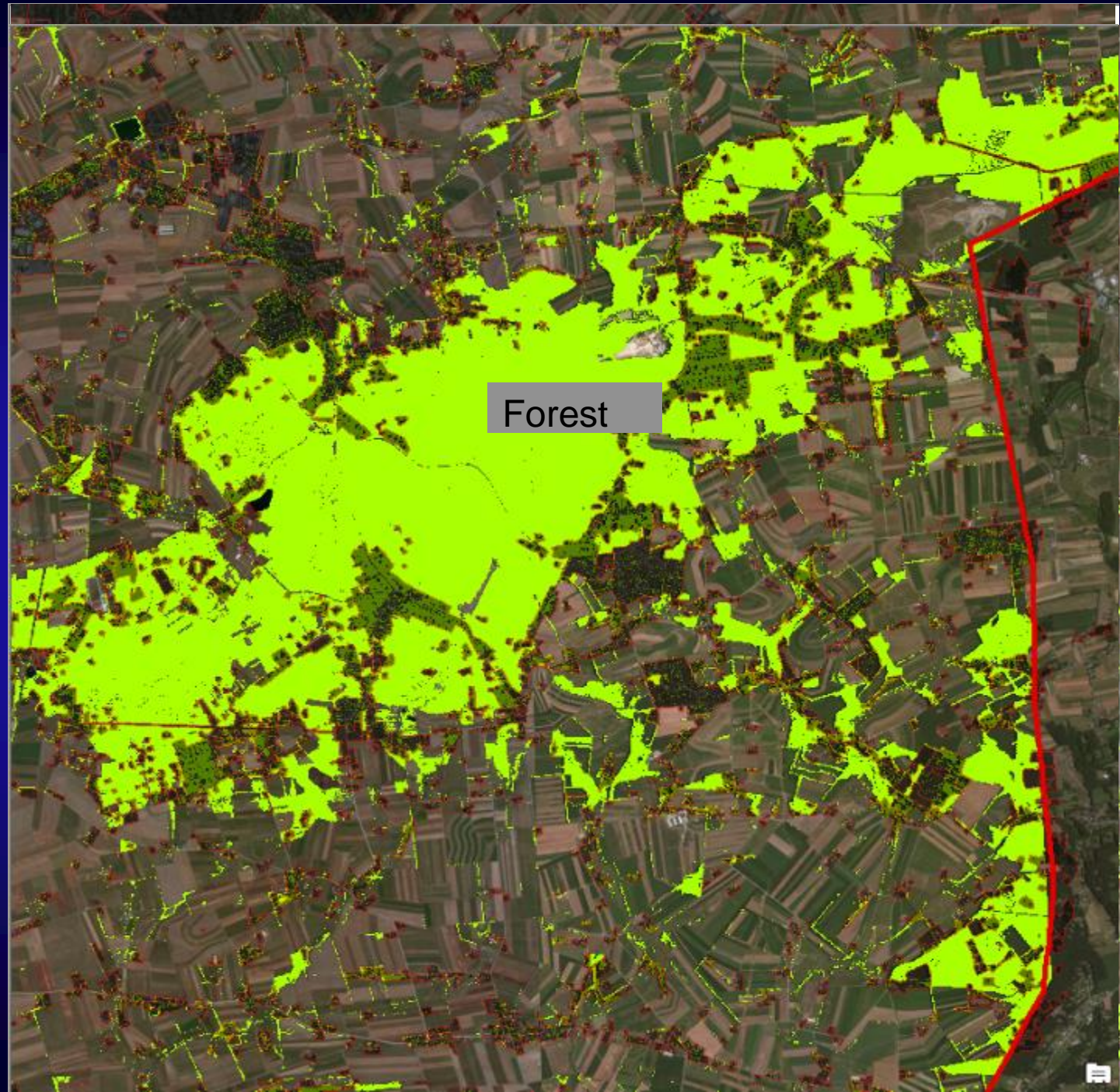Parking Lots 2008
PLUS 2014
Land Cover

# Extractive:

Local Data:
Quarries
Polygon
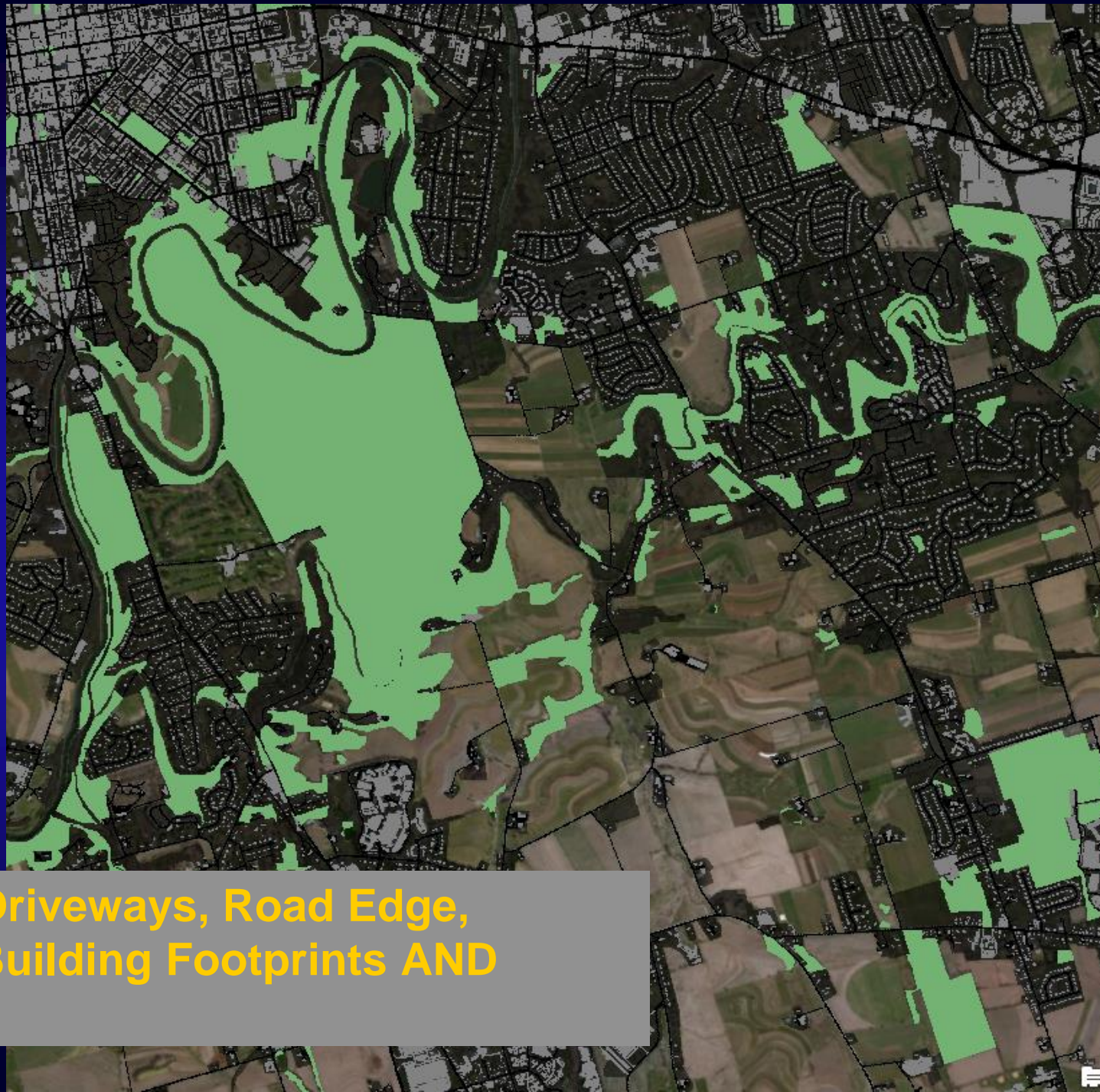converted to 1m
grid, aggregated
to 10m.

# Tree Canopy and Forests

## Local Data: 2014 Landcover "tree canopy class"

**Developed Area, Driveways, Road Edge, Parking lots and Building Footprints AND Natural Land uses**

# Local Data and Phase 6 crosswalk

Impervious surfaces-roads

Impervious surfaces-other

Extractive (if such data were provided)

Turf grass

Tree canopy

Open space

Agriculture

Forests

Water

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