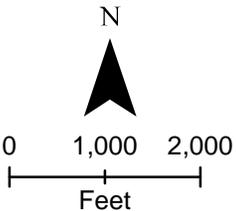


Note: City Limits shown here are being revised and are subject to change

Sources: USGS, Esri, TANA, AND  
 Copyright: © 2011 National Geographic Society, i-cubed  
 Sources: Esri, DeLorme, USGS, NPS

**Legend**

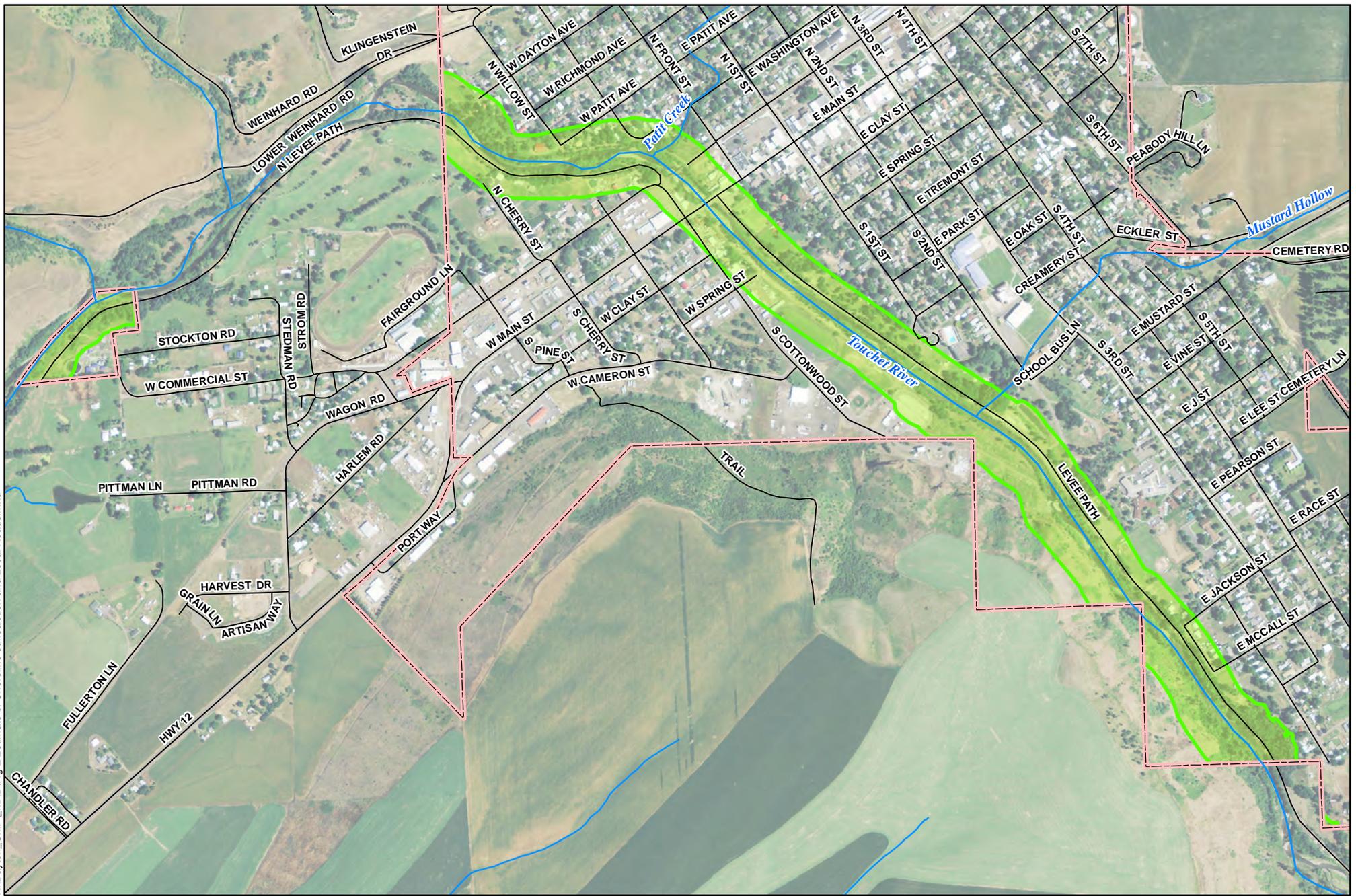
City Limits



**Figure 1: Vicinity Map**  
 City of Dayton  
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K:\Dayton\_SMP\_MXD\Fig 1 Vicinity Map.mxd

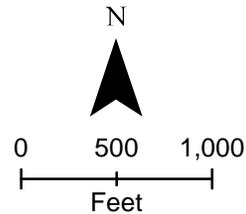
K:\Dayton\_SMP\_MXD\Fig 2 Estimate of Shoreline Jurisdiction and Local Roads.mxd



Sources: Columbia County NAIP, 2013. Columbia County Public Works.

### Legend

-  Rivers
-  City Limits
-  Shoreline Master Program Jurisdiction



## Figure 2: Estimate of Shoreline Jurisdiction and Local Roads

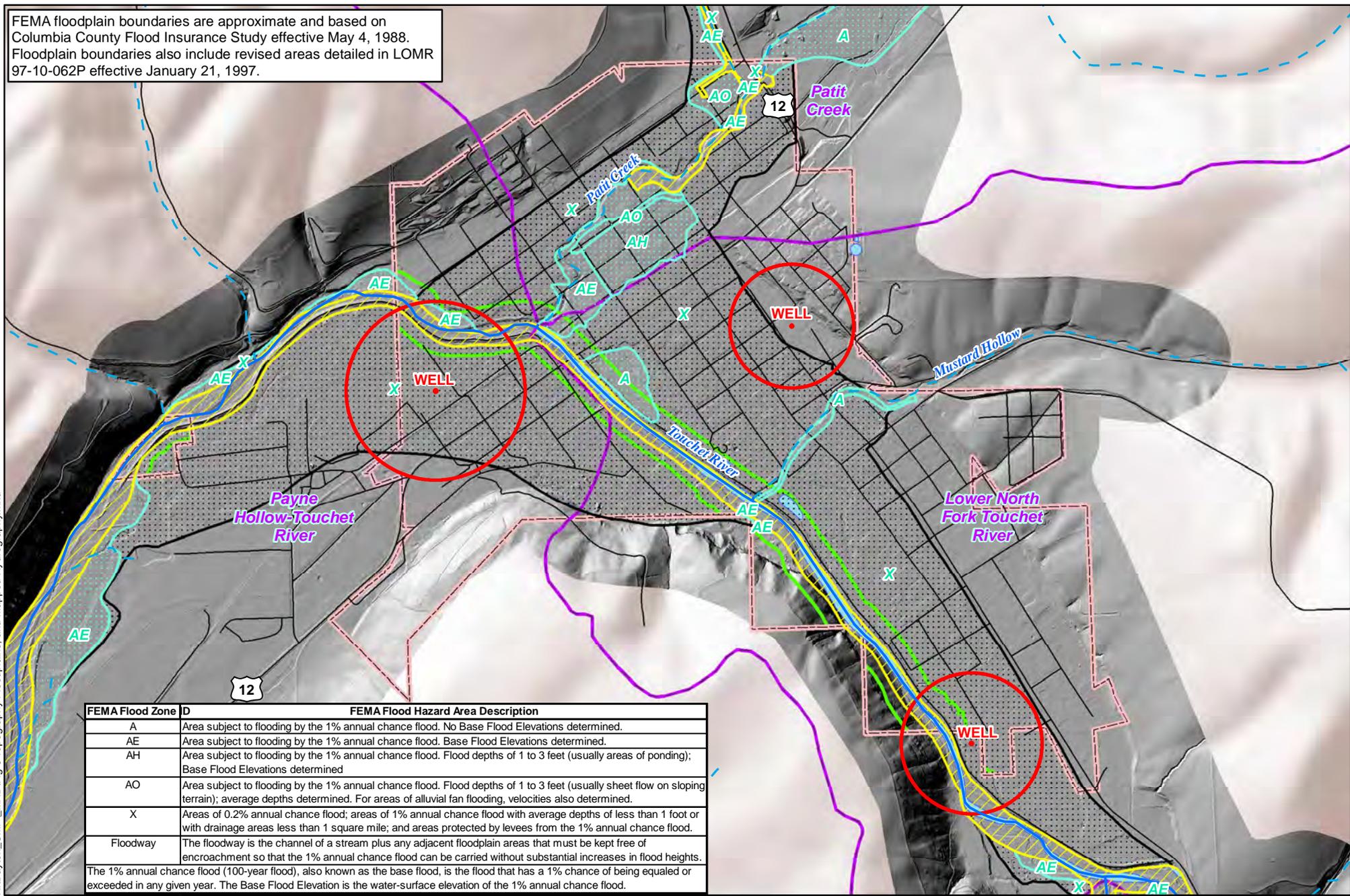
City of Dayton  
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FEMA floodplain boundaries are approximate and based on Columbia County Flood Insurance Study effective May 4, 1988. Floodplain boundaries also include revised areas detailed in LOMR 97-10-062P effective January 21, 1997.

K:\Dayton\_SMP\_MXD\Fig 3 Topography Floodplains, and Mapped Hydrography.mxd



FEMA Flood Zone	D	FEMA Flood Hazard Area Description
A		Area subject to flooding by the 1% annual chance flood. No Base Flood Elevations determined.
AE		Area subject to flooding by the 1% annual chance flood. Base Flood Elevations determined.
AH		Area subject to flooding by the 1% annual chance flood. Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined
AO		Area subject to flooding by the 1% annual chance flood. Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
X		Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from the 1% annual chance flood.
Floodway		The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

Sources: WDOE NHD, Columbia County Public Works, FEMA Columbia County FIRM, 1988.

**Legend**

City Limits	Floodway	Perennial
Shoreline Master Program Jurisdiction	1% Annual Chance Flood Zone	Intermittent
Wellhead Protection 1 Year Contamination Boundary	0.2% Annual Chance Flood Zone	Waterbodies
Watersheds (HUC 12)		

N

0 750 1,500

Feet

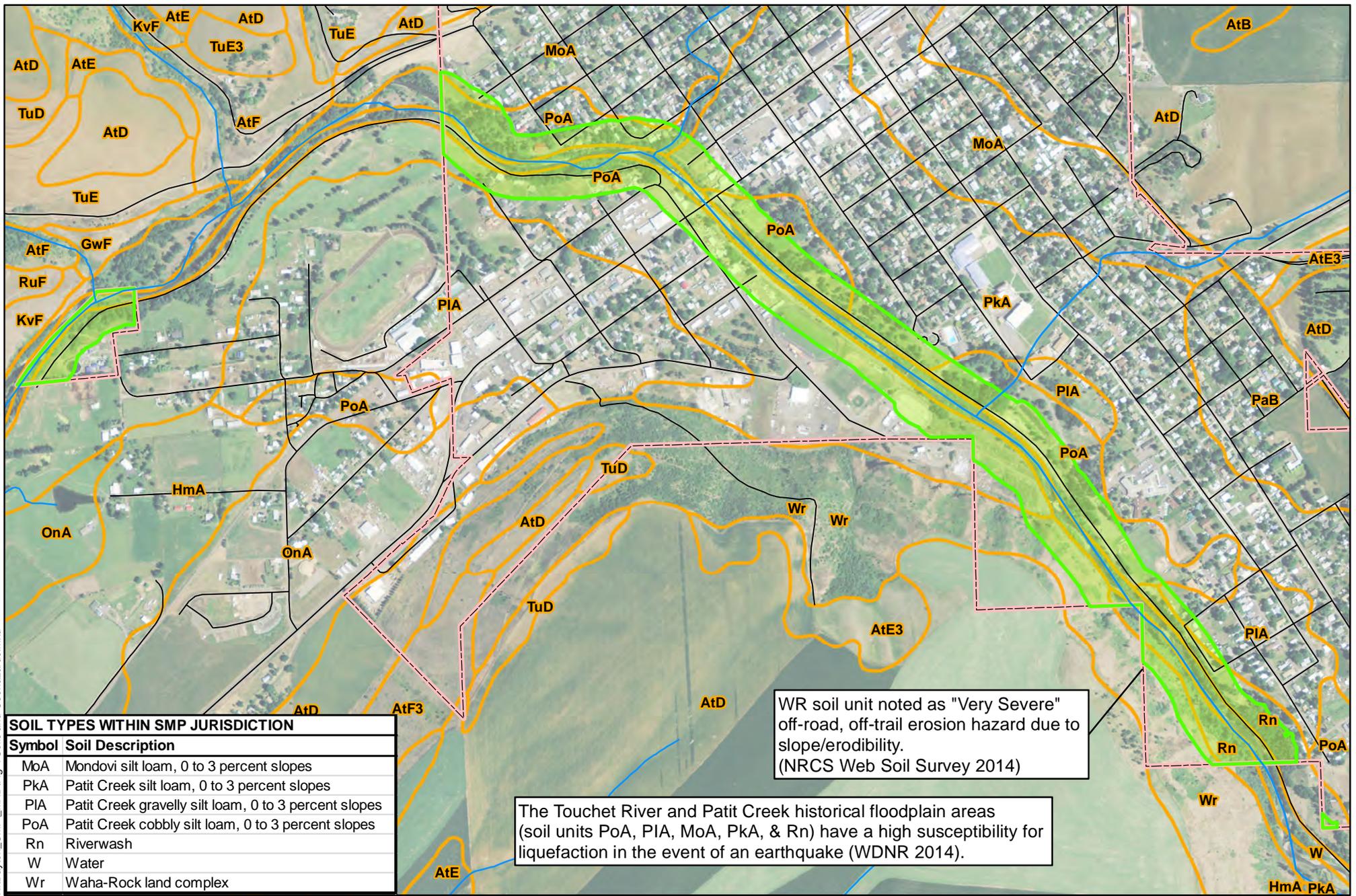
**Figure 3: Topography, Floodplains, and Mapped Hydrography**

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K:\Dayton\_SMP\_MXD\Fig 4 Soils and Geohazards.mxd

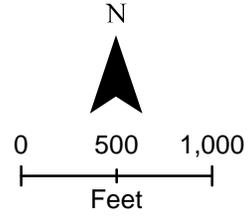


SOIL TYPES WITHIN SMP JURISDICTION	
Symbol	Soil Description
MoA	Mondovi silt loam, 0 to 3 percent slopes
PkA	Patit Creek silt loam, 0 to 3 percent slopes
PIA	Patit Creek gravelly silt loam, 0 to 3 percent slopes
PoA	Patit Creek cobbly silt loam, 0 to 3 percent slopes
Rn	Riverwash
W	Water
Wr	Waha-Rock land complex

WR soil unit noted as "Very Severe" off-road, off-trail erosion hazard due to slope/erodibility. (NRCS Web Soil Survey 2014)

The Touchet River and Patit Creek historical floodplain areas (soil units PoA, PIA, MoA, PkA, & Rn) have a high susceptibility for liquefaction in the event of an earthquake (WDNR 2014).

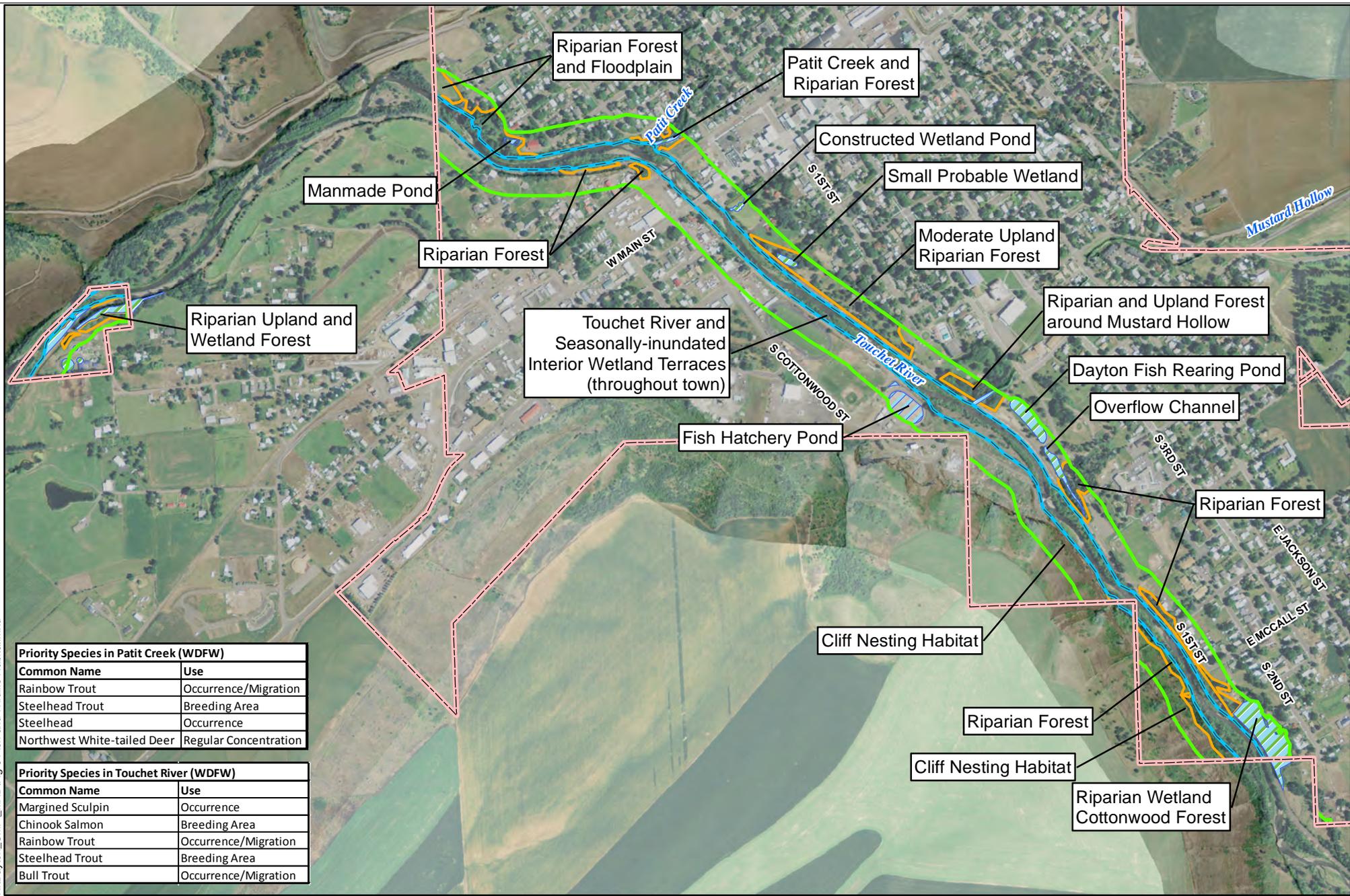
- Legend**
- Rivers/Streams
  - City Limits
  - Shoreline Master Program Jurisdiction
  - Columbia County Soil Survey (USDA) Soil Map Units



**Figure 4: Soils and Geohazards**

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K:\Dayton\_SMP\MXD\Fig 5 Fish and Wildlife Habitat.mxd



**Priority Species in Patit Creek (WDFW)**

Common Name	Use
Rainbow Trout	Occurrence/Migration
Steelhead Trout	Breeding Area
Steelhead	Occurrence
Northwest White-tailed Deer	Regular Concentration

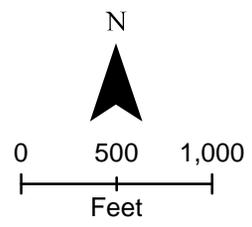
**Priority Species in Touchet River (WDFW)**

Common Name	Use
Margined Sculpin	Occurrence
Chinook Salmon	Breeding Area
Rainbow Trout	Occurrence/Migration
Steelhead Trout	Breeding Area
Bull Trout	Occurrence/Migration

Sources: Columbia County NAIP, USDA 2013, Columbia County Public Works.

**Legend**

- City Limits
- Shoreline Master Program Jurisdiction
- Touchet River OHWL Estimate
- Wildlife Habitat Areas
- Estimated Wetlands
- Manmade Pond



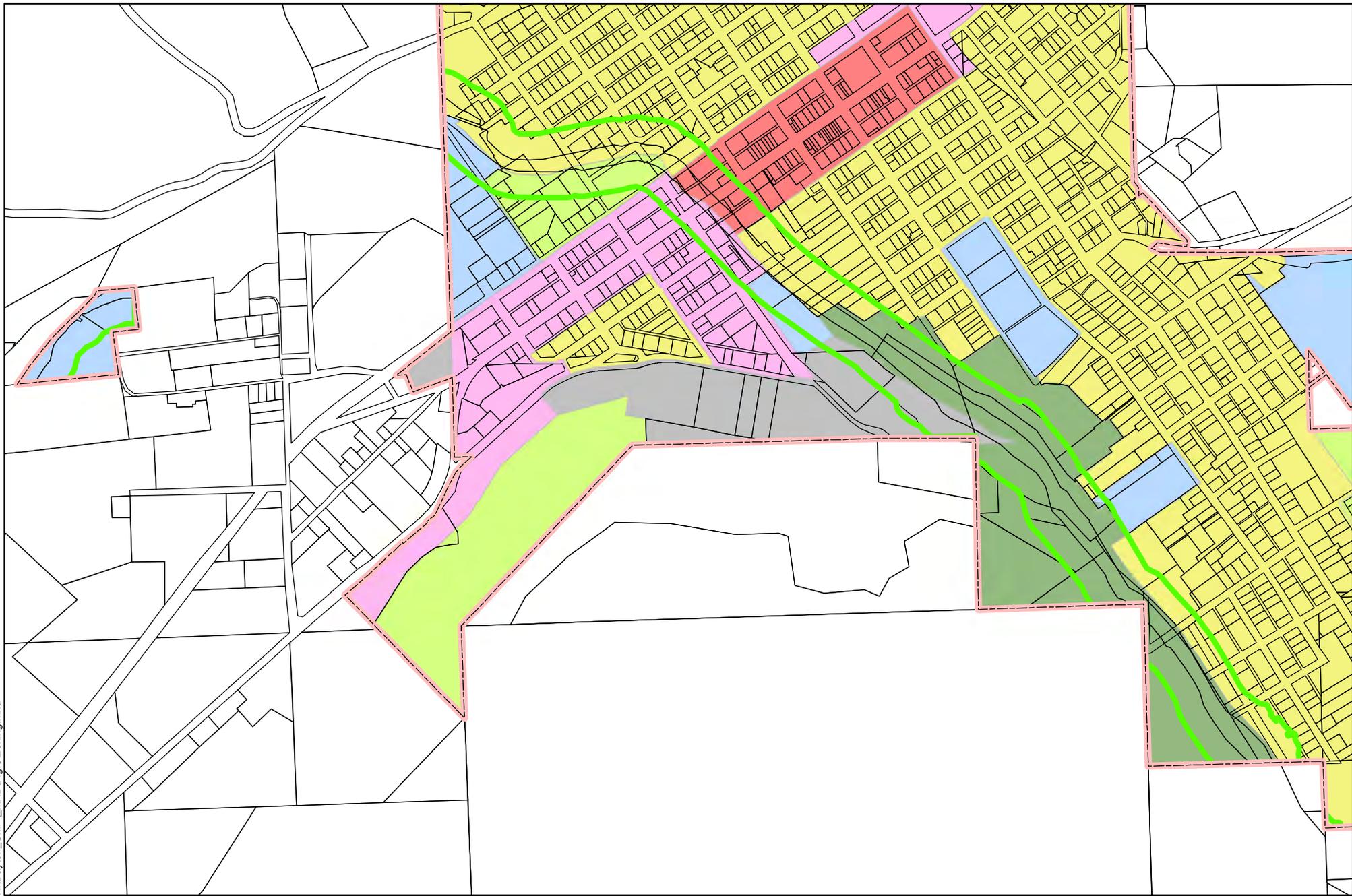
**Figure 5: Fish and Wildlife Habitat**

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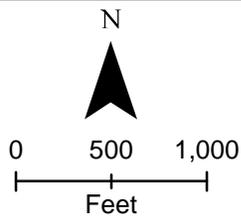
K:\Dayton\_SMP\_MXD\Fig 6 Zoning.mxd



Source: Columbia County, 2014

**Legend**

- City Limits
  - Shoreline Master Program Jurisdiction
  - Tax Parcels
- ZONING**
- Urban Residential
  - Agricultural Residential
  - Commercial
  - Fringe Commercial
  - Industrial
  - Open Space/Recreational
  - Public/Quasi-Public



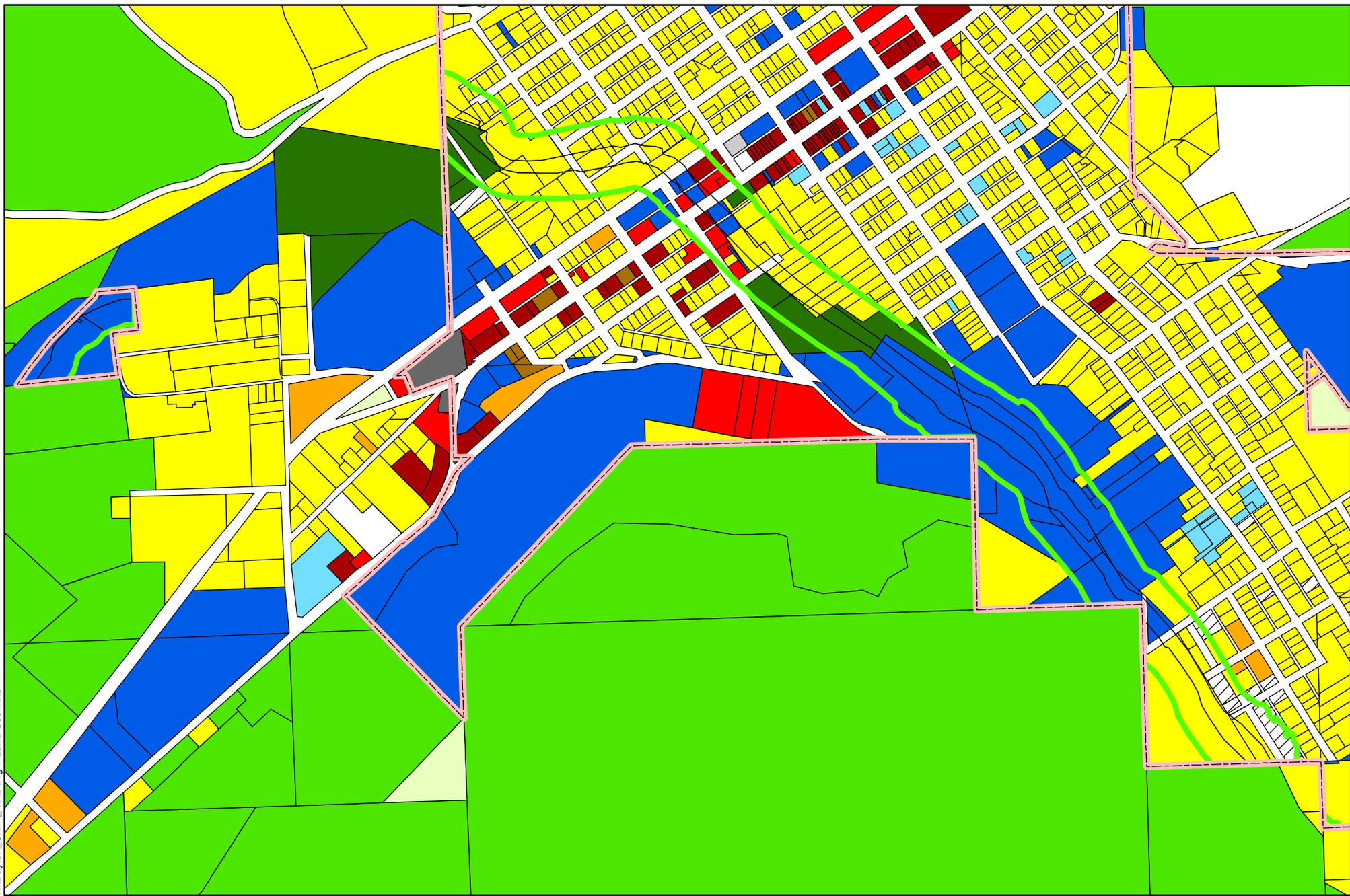
**Figure 6: Zoning**

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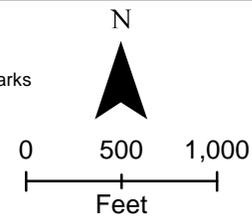
K:\Dayton\_SMP\MXD\Fig 7 Land Use.mxd



Source: Columbia County, 2014

**Legend**

- City Limits
- Shoreline Master Program Jurisdiction
- LAND USE**
- Agriculture
- Commercial
- Retail/Offices
- Lodging
- Public
- Park
- Residential
- Utilities/Communication
- Cultural / Religious Assembly
- Manufacturing
- Mobile home parks
- Open Space
- Vacant
- Other



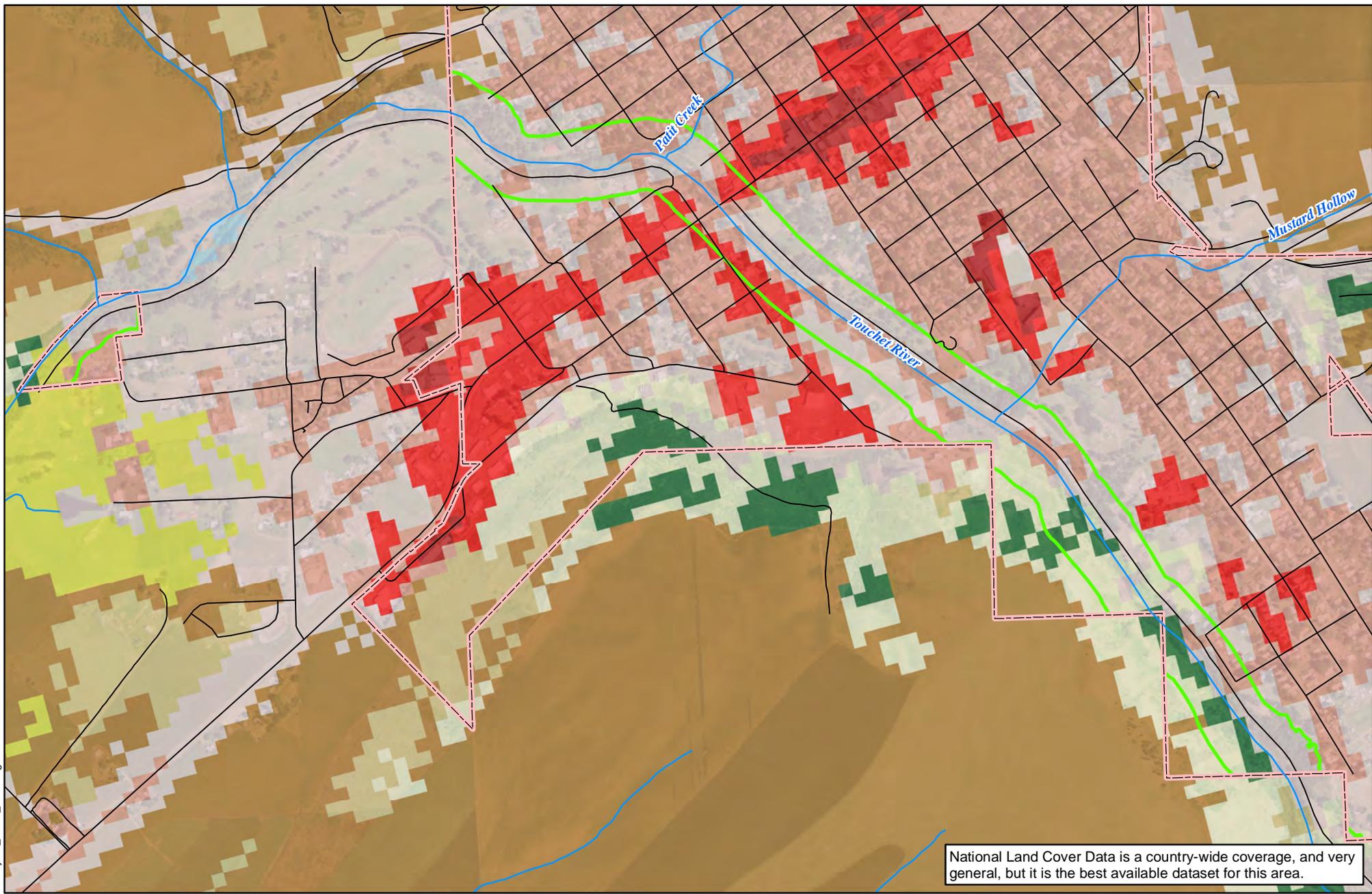
**Figure 7: Land Use**

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K:\Dayton\_SMP\MXD\Fig 8 Land Cover.mxd



National Land Cover Data is a country-wide coverage, and very general, but it is the best available dataset for this area.

Sources: USGS NLCD, 2001. Columbia County NAIP, 2012

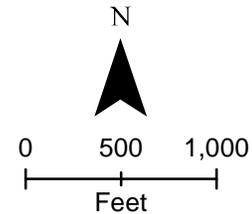
**Legend**

-  Rivers
-  City Limits
-  Shoreline Master Program Jurisdiction

- NLCD Land Cover**
-  Cultivated Crops
  -  Developed, High Intensity
  -  Developed, Low Intensity

-  Developed, Medium Intensity
-  Developed, Open Space
-  Evergreen Forest
-  Hay/Pasture

-  Herbaceous
-  Shrub/Scrub
-  Woody Wetlands



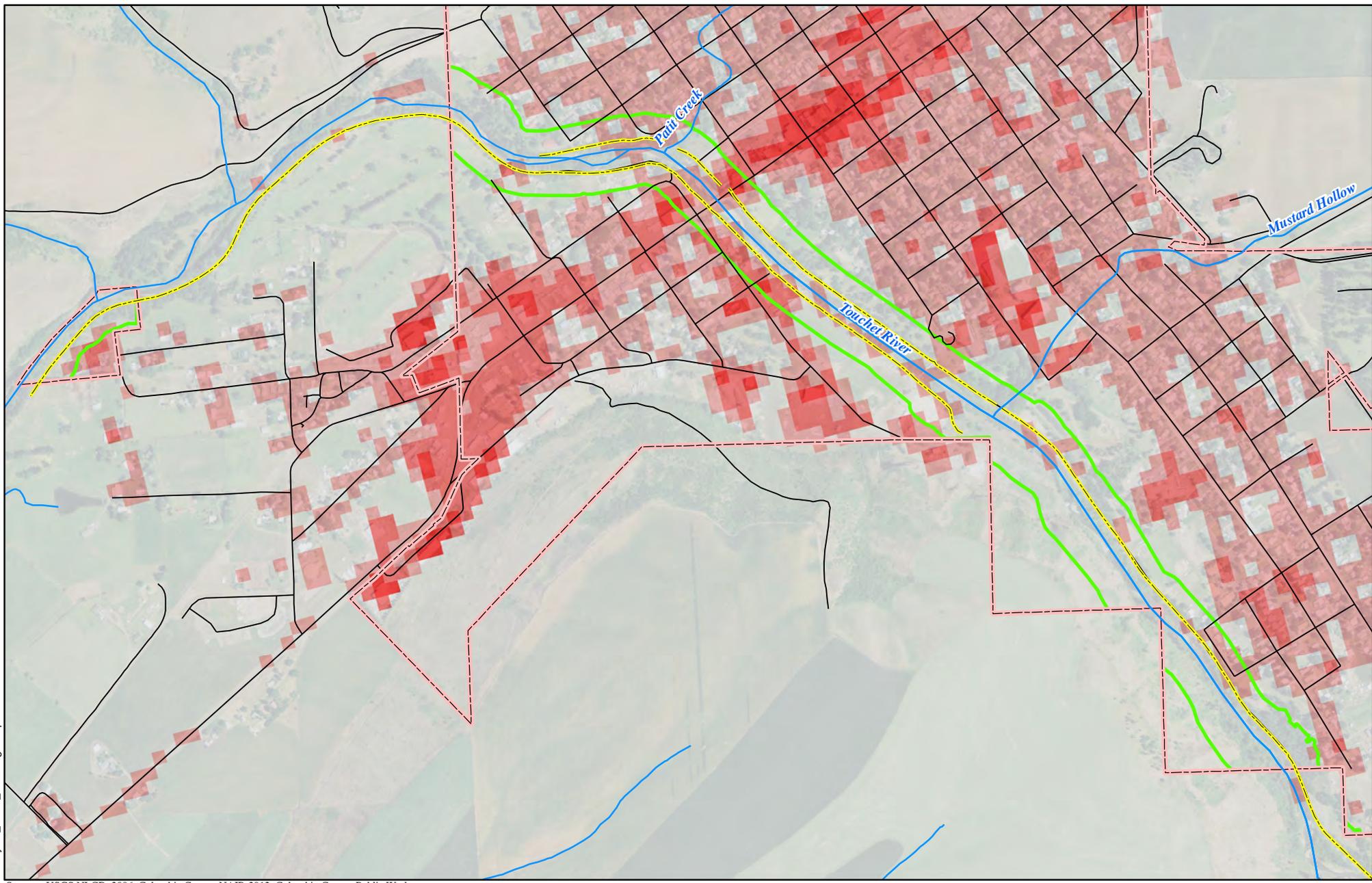
**Figure 8: Land Cover**

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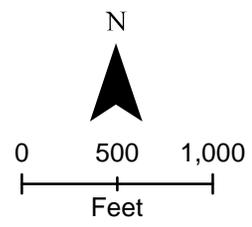
K:\Dayton\_SMP\_MXD\Fig 9 Impervious Surfaces and Shoreline SW Infrastructure.mxd



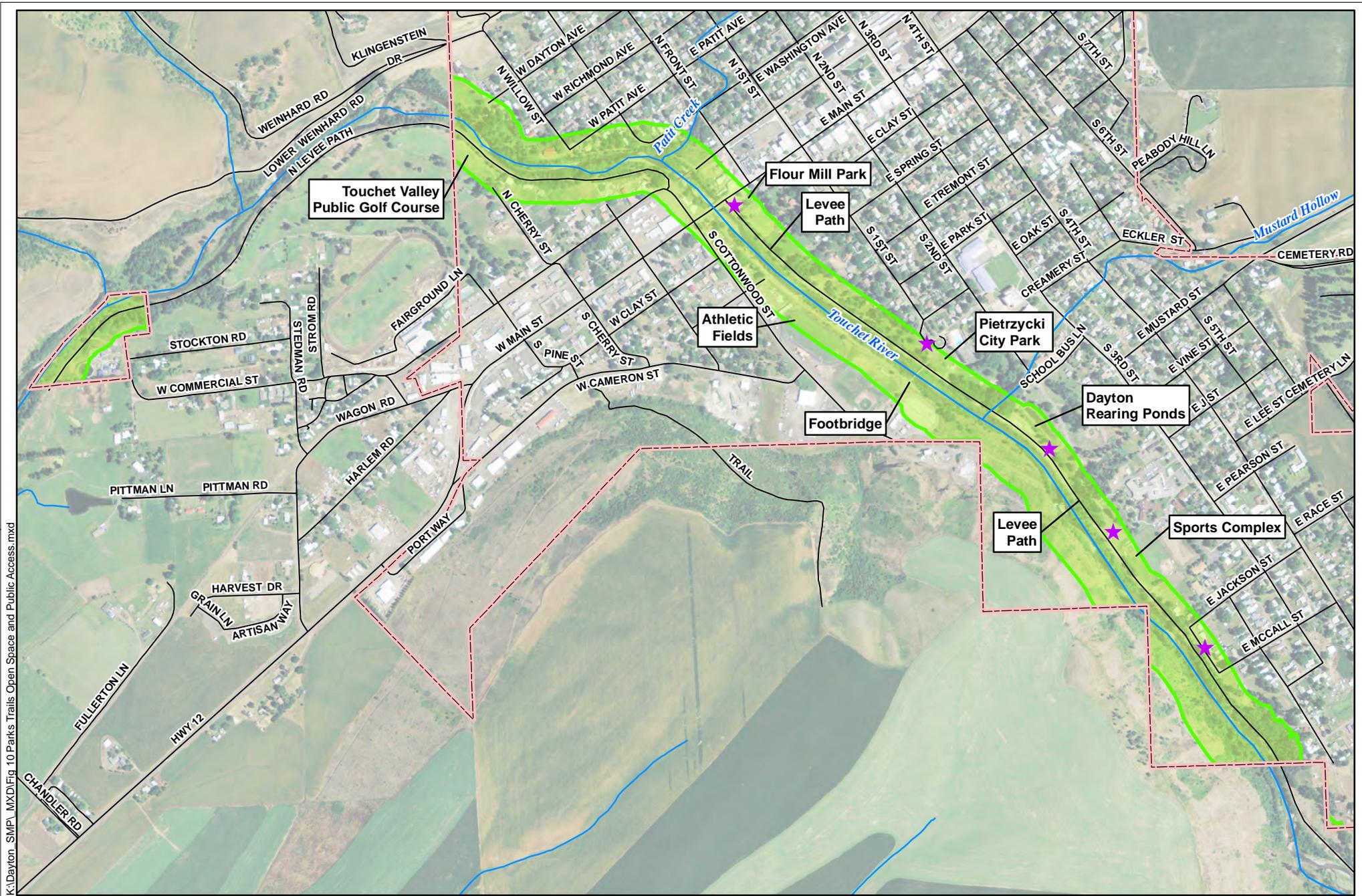
Sources: USGS NLCD, 2006, Columbia County NAIP, 2012, Columbia County Public Works

**Legend**

-  City Limits
  -  Shoreline Master Program Jurisdiction
  -  Rivers
  -  Levee
- | Impervious Surface % (NLCD 2006)  |        |
|---|--------|
|  | 0 - 20 |
|  | 20-50  |
|  | 50-80  |
|  | 80-100 |



**Figure 9: Impervious Surfaces**

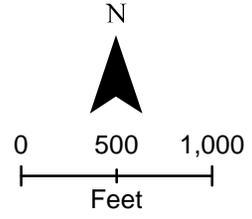


K:\Dayton\_SMP\_MXD\Fig 10 Parks Trails Open Space and Public Access.mxd

Sources: Columbia County NAIP, 2013. Columbia County Public Works.

**Legend**

- ★ Public Access Entry Points
- ~ Rivers and Streams
- City Limits
- Shoreline Master Program Jurisdiction

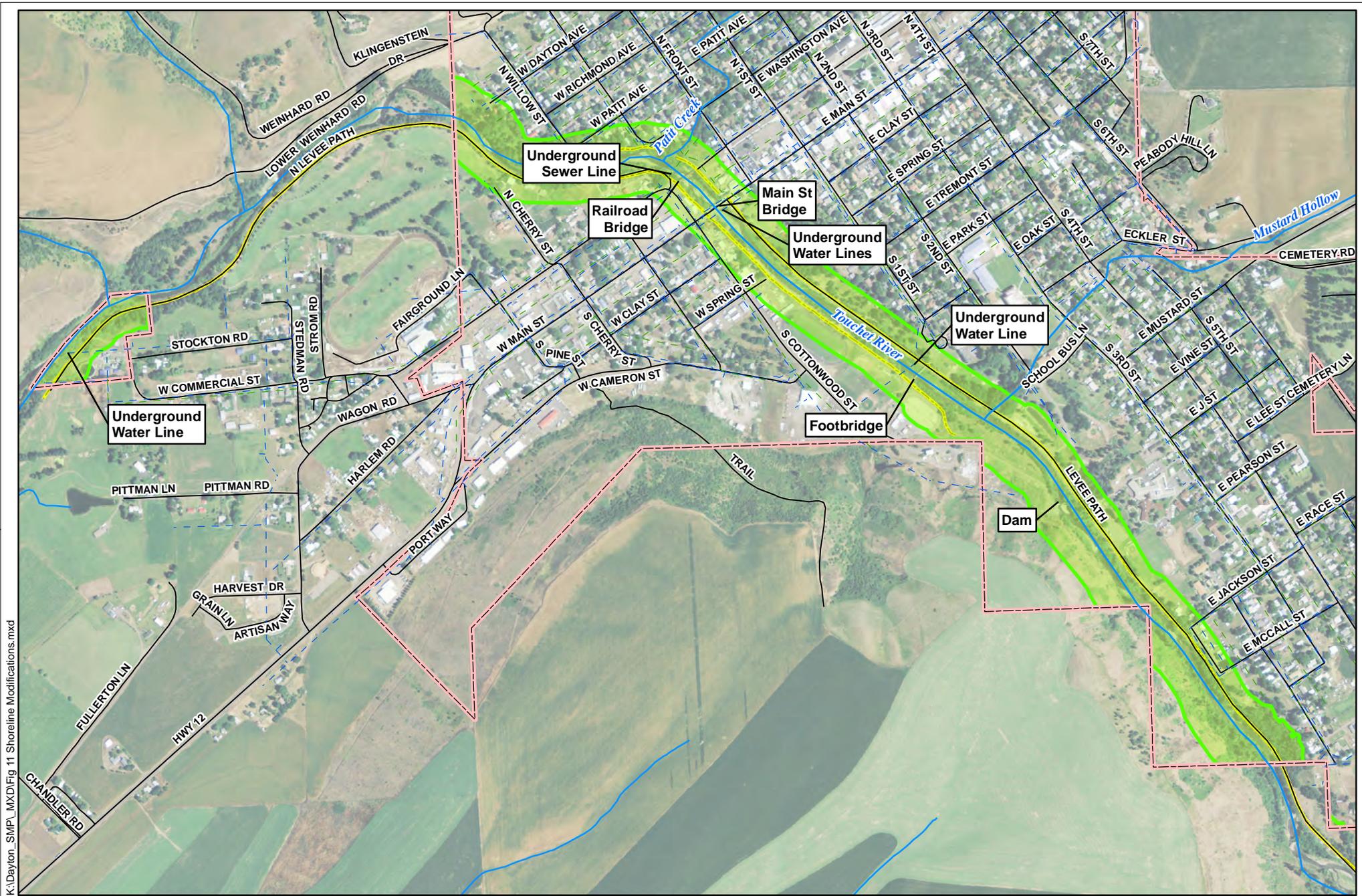


**Figure 10: Parks, Trails, Open Space and Public Access**

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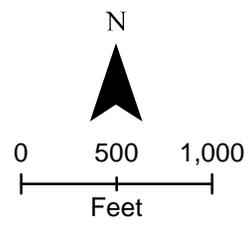


K:\Dayton\_SMP\_MXD\Fig 11 Shoreline Modifications.mxd

Sources: Columbia County NAIP, 2013. Columbia County Public Works.

**Legend**

- ~ Rivers
- Underground Sewer Line
- Underground Water Line
- Levee
- City Limits
- Shoreline Master Program Jurisdiction



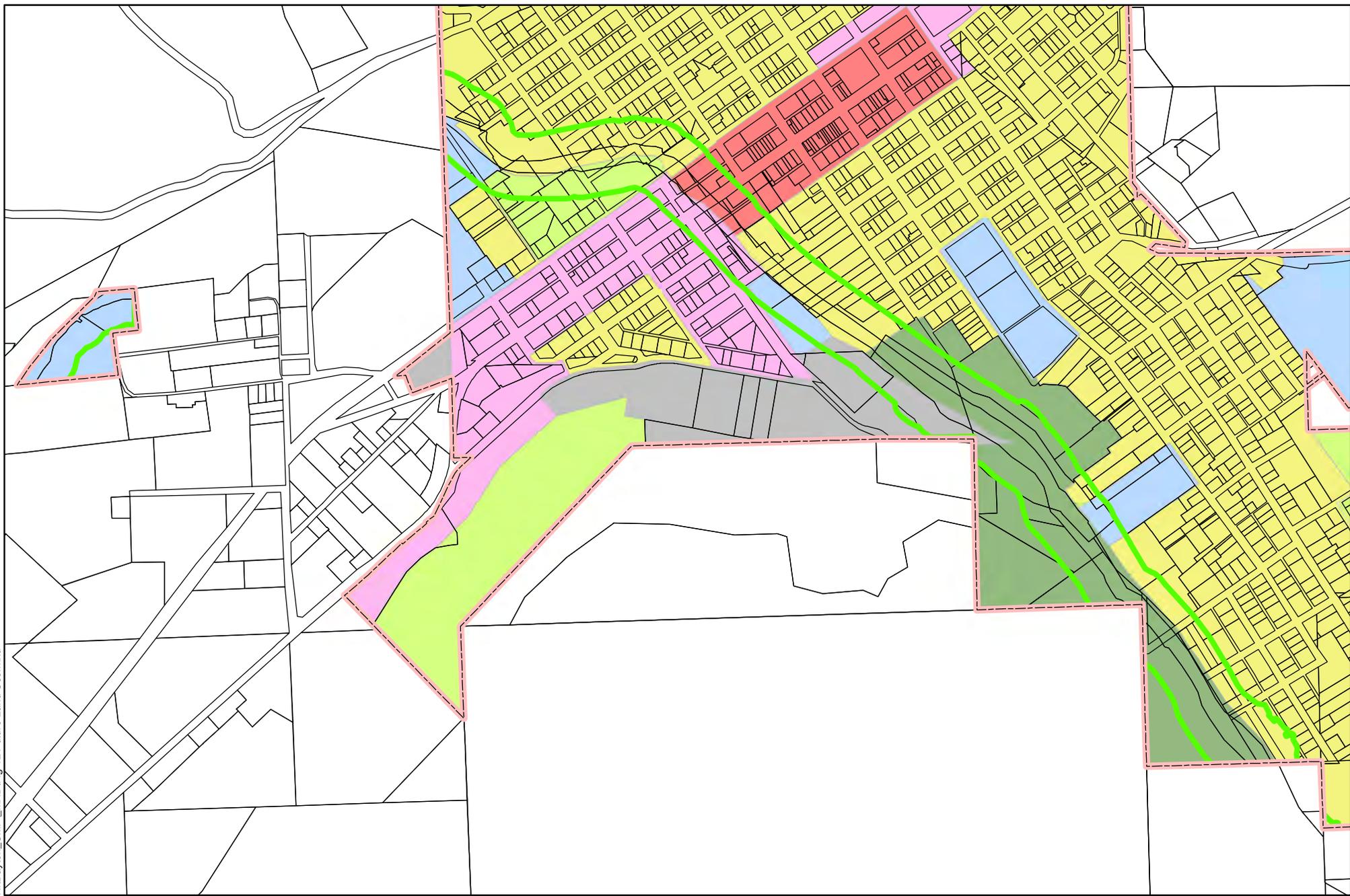
**Figure 11: Shoreline Modifications**

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K:\Dayton\_SMP\MXD\Fig 12 Future Land Use.mxd



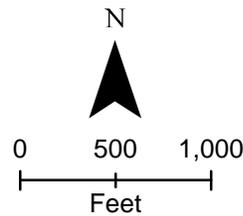
Source: Columbia County, 2014

**Legend**

-  City Limits
-  Shoreline Master Program Jurisdiction
-  Tax Parcels

**FUTURE LAND USE**

- |   |   |
|---|---|
|  Urban Residential       |  Fringe Commercial       |
|  Low Density Residential |  Industrial              |
|  Central Commercial      |  Open Space/Recreational |
|   |  Public/Quasi-Public     |



**Figure 12: Future Land Use**

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