

**APPENDIX B – ENVIRONMENTAL OVERVIEW**

**ENVIRONMENTAL OVERVIEW  
SMALL URBAN AREA STUDY FOR  
PADUCAH  
KYTC ITEM #N/A**

City of Paducah  
McCracken County, Kentucky



Prepared for:  
Kentucky Transportation Cabinet  
Central Office  
Highway District 1

Prepared by:  
Stantec Consulting Services Inc.

August 21, 2018

## **Executive Summary**

This Environmental Overview has been prepared for the Small Urban Area (SUA) Study for the City of Paducah (Paducah SUA) in McCracken County, Kentucky (KYTC Item #N/A). The purpose of the Paducah SUA study is to identify and examine transportation issues related to safety and congestion in the City and its surrounding area. The study will focus on both long-term projects for future programming and short-term improvements that can be quickly and effectively implemented at both an individual intersection level and at an area-wide level. The purpose of this Environmental Overview is to identify environmental resources of significance and other environmental areas of concern that should be considered during project development. Natural and human environment resources within the study area were identified from secondary sources. Based on this information, the key environmental features include:

Surface Streams: Massac Creek, Middle Fork Massac Creek, West Fork Massac Creek, Champion Creek, 7 additional USGS named and 155 unnamed streams are located within the study area, with the study area bordered by Clarks River, Ohio River and Tennessee River. KDOW designated Outstanding State Resource Waters (OSRW) include Middle Fork Massac Creek, an unnamed tributary (UT) to Massac Creek, and Ohio River due to known threatened and endangered species (T&E) presence, while Clarks River along the east boundary is a candidate OSRW for T&E. FEMA 100-Year floodplains are associated with Ohio River west of Paducah, Massac Creek and its main tributaries extending through the study area, Perkins Creek (and Crooked Creek tributary), Island Creek and tributaries, Horse Branch, and Clarks River.

Wetlands: 611 National Wetland Inventory (NWI) wetlands are mapped in the study area, with extensive wetland complexes mapped along Massac Creek, Island Creek, Bee Branch, Clarks River and the undeveloped portions of the Ohio River floodplain.

Threatened and Endangered Species: 15 federal listed species have the potential to occur in the study area, including 3 mammals (Gray bat, Indiana bat and Northern long-eared bat), 11 mussels (clubshell, fanshell, fat pocketbook, northern riffleshell, orangefoot pimpleback, purple cat's paw, ring pink, rough pigtoe, sheepnose, spectaclecase, and rabbitsfoot), and 1 bird (least tern). Known Summer 1 habitat designated area for Indiana bat and northern long-eared bat is mapped in the study area. Habitat for all mussel species is likely present in the Ohio and Tennessee rivers (6 species, including designated critical habitat for rabbitsfoot) and the large creeks to small rivers (5 species). Least tern habitat is not likely. An additional 56 State-listed species have the potential to occur in the study area and vicinity. Thirty-eight (38) federal- or state-listed species have been documented as occurring in the study area or vicinity.

Groundwater: 745 water wells are mapped within the study area, including 190 domestic use and 1 public use, though no wellhead protection areas are present. One spring is mapped east of Massac Creek.

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Farmland: Approximately 70% of the soils in the study area are identified as Prime Farmland, Farmland of Statewide Importance, and Prime farmland if drained or protected from flooding. Hay, pasture cultivated crop lands are extensive in the floodplains and the west and south portions of the study area.

Hazardous Materials Concerns: 195 potential hazardous materials concern sites are identified by USEPA, with an additional 290 UST sites (71 active), 1 active mine, 9 solid waste landfills, 4 wastewater treatment plants and 1 water treatment plant mapped in the study area. No active oil or gas wells are present, though 3 oil or gas pipelines pass through or into the study area.

Section 4(f) / 6(f) Resources: 23 potential Section 4(f) resources are identified in the study area, including 18 city parks, 3 county parks, the Perkins Creek Nature Preserve, and the Clarks River National Wildlife Refuge. At least 7 of these resources are identified as Land and Water Fund (LWCF) recipients [Section 6(f)], administered by the National Park Service (NPS).

Easements: 11 conservation easements are present in the study area, all being in the Wetland Reserve Program.

Cultural Archaeological and Historic Resources: 131 archaeological sites are known within the study area with 3 sites listed on the NRHP and 1 site eligible for National Register listing. Historic resources in the study area include 7 National Register Districts, 20 NRHP sites, and 148 KHC-Coded properties, indicative of sites of cultural-historic interest.

Community Resources: Community resources and sensitive noise receptors include: 87 houses of worship, 21 schools, 24 cemeteries, 23 parks, and 9 fire department stations.



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## **Environmental Overview**

Stantec Consulting Services, Inc. has prepared this Environmental Overview as part of the Small Urban Area (SUA) Study for the City of Paducah in McCracken County, Kentucky (KYTC Item #N/A) being conducted for the Kentucky Transportation Cabinet (KYTC). This overview identifies known natural and human features which occur within the study area that should be considered during project development. The SUA study area includes the City of Paducah incorporation limits and surrounding area (see **Figure 1**). The purpose of the SUA is to identify and examine transportation issues related to safety and congestion in the City and its surrounding area, which encompasses a total of 91.1-square miles (see **Figure 2**). The study will focus on both long-term projects for future programming and short-term improvements that can be quickly and effectively implemented at both an individual intersection level and at an area-wide level.

**Table 1** below provides a summary of the features that were identified within the study area. Natural environment features within the study area are identified on **Figure 3.1** and human environment features are identified on **Figure 3.2**. The information listed in Table 1 and shown on the attached mapping was obtained solely from secondary sources and has not been field verified. This information provides an overview of resources of significance within the study area, as well as other environmental issues of potential concern. More detailed environmental studies may be required as the project is further developed in accordance with the National Environmental Policy Act (NEPA).

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
<b>Environmental                      Category</b>	<b>Resource/Feature</b>	<b>Source/Information</b>
USGS Streams	<p>Massac Creek, Middle Fork Massac Creek, West Fork Massac Creek, Champion Creek, 7 additional USGS named and 155 unnamed streams are located within the study area, with the study area bordered by Clarks River, Ohio River and Tennessee River.</p> <p>Two streams in the study area are designated as Special Use Waters as defined by the KDOW, Middle Fork Massac Creek and a UT to Massac Creek, both designated as Outstanding State Resource Waters (OSRW). Ohio River is designated as an OSRW for known Threatened and Endangered Species (T&amp;E) presence along most of the northern boundary of the study area; Clarks River along the east boundary is a candidate OSRW for T&amp;E.</p>	<p>Source: USGS 24K NHD dataset (2004a), KDOW Kentucky's Special Waters (2018c), KDOW 305b and 303(d) Report (2014), KDOW Water Health Portal (2018a), KDOW Watershed Viewer (2018b), ESRI USGS map service layer</p>
Watersheds	<p>The study area crosses two (2) Watershed Cataloging Units, including: Lower Ohio (HUC-8: 05140206) and Lower Tennessee (HUC-8: 06040006), from west to east respectively.</p> <p>No KDOW designated Priority Watersheds are present in the study area.</p> <p>The study area lies within two Source Water Assessment and Protection Program (SWAPP) areas; the US Enrichment Corporation (Lower Ohio watershed) covers the study area west of US 45, and the Paducah Water Works (Lower Tennessee watershed) east of US 45.</p>	<p>Source: USGS 8-Digit HUC (2004b), KDOW 305b and 303(d) Report (2014), KDOW (2018a and 2018b), KDOW SWAPP (2013)</p>
Wetlands	<p>611 NWI wetlands are mapped in the study area, predominantly ponds (356), forested (172) and emergent (45). Extensive NWI-mapped wetland complexes are present along Massac Creek, Island Creek, Bee Branch, Clarks River and the undeveloped portions of the Ohio River floodplain.</p> <p>Hydic soils occur across approximately 54% of the study area, concentrated in the Ohio River and Massac Creek floodplains and all areas east of Island Creek to Clarks River. This soil type indicates the potential for additional non-NWI mapped wetlands to be present in the study area.</p>	<p>Source: KEPPC 24K NWI map dataset (2002), USDA SSURGO KY602 (2012)</p>
Ponds	<p>356 ponds are mapped (NWI) within the study area. Most occur in agricultural areas and are less than 2 acres in size.</p>	<p>Source: KEPPC 24K NWI map dataset (2002), ESRI Aerial map service layer</p>

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Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area McCracken County, KY		
Environmental Category	Resource/Feature	Source/Information
USFWS Species List	<p>Fifteen (15) federal listed species have the potential to occur in the study area, including:</p> <ul style="list-style-type: none"> <li>• 3 mammals [Gray bat (<i>Myotis grisescens</i>, endangered), Indiana bat (<i>Myotis sodalis</i>, endangered), and Northern long-eared bat (<i>Myotis septentrionalis</i>, threatened)],</li> <li>• 10 endangered mussels [clubshell (<i>Pleurobema clava</i>), fanshell (<i>Cyprogenia stegaria</i>), fat pocketbook (<i>Potamilus capax</i>), northern riffleshell (<i>Epioblasma torulosa rangiana</i>), orangefoot pimpleback (<i>Plethobasus cooperianus</i>), purple cat's paw (<i>Epioblasma obliquata obliquata</i>), ring pink (<i>Obovaria retusa</i>), rough pigtoe (<i>Pleurobema plenum</i>), sheepnose (<i>Plethobasus cyphus</i>) and spectaclecase (<i>Cumberlandia monodonta</i>)],</li> <li>• 1 threatened mussel [rabbitsfoot (<i>Quadrula cylindrica cylindrica</i>)], and</li> <li>• 1 bird [least tern (<i>Sterna antillarum</i>), endangered].</li> </ul> <p>Known Summer 1 habitat designated area for Indiana bat and northern long-eared bat is mapped north and east of I-24 around Paducah. This designated habitat type refers to mitigation measures required for impacts to potential habitat for forest dwelling bats (Indiana bat and Northern long-eared bat).</p> <p>Potential summer roost and foraging habitat for Indiana bat and Northern long-eared bat (woodlots and riparian woodlands) is present in several woodlots throughout the study area. Roost habitat for Gray bat is not likely to be present as the entire project area is not within an area of moderate or major karst development potential. Foraging habitat is strongly correlated with open water of rivers, streams, lakes or reservoirs; as such potential foraging habitat is present for this species in the riparian corridors along the larger streams in the study area.</p> <p>Six (6) of the 11 mussel species listed for the project area are considered medium to large river species and likely restricted to the Ohio and Tennessee rivers; the remaining five (5) mussel species may be found in large creeks to small rivers which are present in and along the boundaries of the study area.</p> <p>Least tern habitat includes foraging and nesting on sparsely vegetated and infrequently flooded sandbars. Potential habitat is most likely restricted to the banks of the Ohio River.</p>	<p>Source: USFWS IPaC Trust Resource Report (2018a), USFWS Kentucky Ecological Services Field Office, Indiana bat and northern long-eared bat habitat areas map (2018b), USFWS Conservation Strategy (2016), KYTC Environmental Overview web map (2018), KYTC Programmatic Biological Assessment (2012), USFWS Gray Bat 5-Year Review (2009), ESRI Aerial map service layer, NatureServe (2018)</p>

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
Environmental Category	Resource/Feature	Source/Information
KDFWR Species List	<p>KDFWR lists 56 additional State-Threatened, Endangered, and Special Concern Species (beyond the 15 species listed by USFWS, above) as occurring (either recently or historically) in the USGS Quadrangle maps covered by the project area. These include:</p> <ul style="list-style-type: none"> <li>• 16 state-endangered species (6 birds, 4 fishes, 3 mussels, 2 crustaceans, 1 mammal)</li> <li>• 16 state-threatened species (7 birds, 6 fishes, 1 insect, 1 mammal, 1 reptile)</li> <li>• 24 state-special concern species (9 birds, 4 gastropods, 4 fishes, 2 amphibians, 2 reptiles, 1 mussel, 1 insect, 1 mammal)</li> </ul>	Source: KDFWR – State Species List for Selected Quads (2018)
KSNPC Species Database	<p>KSNPC provided 54 records of occurrence for 38 federal or state-endangered, threatened, or special concern listed species within the study area. These include:</p> <ul style="list-style-type: none"> <li>• 11 plants (3 endangered, 3 threatened, 2 species of concern, 1 historic, 2 unspecified),</li> <li>• 9 mussels (7 endangered, 2 species of concern),</li> <li>• 5 birds (1 endangered, 3 species of concern, 1 unspecified),</li> <li>• 4 fish (1 threatened, 3 species of concern),</li> <li>• 3 insects (2 threatened, 1 species of concern),</li> <li>• 3 mammals (2 endangered, 1 species of concern),</li> <li>• 1 each amphibian (historic), gastropod (species of concern), and reptile (threatened)</li> </ul> <p>All database records of occurrence are located within 1-mile of the study area.</p> <p>KSNPC data indicates critical habitat for the federal-threatened rabbitsfoot mussel has been designated in the Ohio River and the Tennessee River along the border of the study area. The Clarks River National Wildlife Sanctuary, managed by USFWS, extends into the southeast corner of the study area.</p>	Source: Federal Register (2015), KSNPC Natural Heritage Database response (June 15, 2018)

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
<b>Environmental                      Category</b>	<b>Resource/Feature</b>	<b>Source/Information</b>
Groundwater	<p>745 water wells are mapped within the study area, including:</p> <ul style="list-style-type: none"> <li>• 190 domestic use,</li> <li>• 411 monitoring use,</li> <li>• 35 remediation use, and</li> <li>• 1 public use.</li> </ul> <p>Domestic use water wells are generally found outside of Paducah city limits, in the south and west of the study area, while monitoring and remediation wells are primarily located in the industrial, commercial and urbanized portions of the study area. No wellhead protection areas are present in the study area.</p> <p>One spring is mapped within the study area, an unnamed spring with intermittent flow located to the east of Massac Creek south of US 60.</p>	Source: KGS Water Wells and Springs data repository and dataset (2018a), KDOW Source Water Assessment and Protection Program (SWAPP) (2013), KDOW Wellhead Protection Areas data download (2012b), Carey and Stickney (2004)
Karst	<p>The project area is underlain by bedrock with no potential for karst development, with no sinkholes mapped within the study area or vicinity.</p>	Source: Paylor and Currens (2002), KGS (2005), KGS (2003)
Floodplain	<p>FEMA 100-Year floodplains are located within the study area at multiple locations, including: Ohio River west of Paducah, Massac Creek and its main tributaries extending through the study area, Perkins Creek (and Crooked Creek tributary), Island Creek and tributaries, Horse Branch, and Clarks River. A large expanse of area mapped as floodplain is present in the southeast corner of the study area, between Oaks Road and John Puryear Drive.</p>	Source: FEMA National Flood Hazard Layers (2011)
Floodway	<p>FEMA designated floodway occurs at several location in the study area, including Massac Creek south of the railroad crossing, Middle Fork Massac Creek to its confluence, West Fork Massac Creek upstream of Wilmington Road, Perkins Creek (and Crooked Creek tributary) upstream of N. 13<sup>th</sup> Street, Champion Creek, Ohio River and Tennessee River.</p>	Source: FEMA National Flood Hazard Layers (2011)
Farmlands	<p>Approximately 70% of the soils in the study area are identified as Prime Farmland (21%), Farmland of Statewide Importance (8%), or Prime farmland if drained or protected from flooding (41%). Extensive portions of the study area are currently utilized as hay/pasture and cultivated crop fields in the floodplains and the west and south portions.</p>	Source: USDA SSURGO KY602 (2012), NLCD 2011 (USGS 2014)

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
Environmental Category	Resource/Feature	Source/Information
Hazardous Materials	<p>USEPA database records summary: 195 sites of potential concern (with a total of 221 records) occur within the study area, including:</p> <ul style="list-style-type: none"> <li>• 169 RCRA (hazardous materials) records,</li> <li>• 29 AIRS (air emission) records, 11 TRI (toxics release inventory) records,</li> <li>• 10 BR (biennial reporting) records,</li> <li>• 1 ACRES (brownfields) record, and</li> <li>• 1 TSCA (toxic substances control act) record.</li> </ul> <p>The brownfield site is listed as Columbia Theatre, 510 Broadway St., Paducah.</p> <p>Additional records from the KY Division of Waste Management include:</p> <ul style="list-style-type: none"> <li>• 290 UST (underground storage tank) sites, with 71 active,</li> <li>• 1 active mine, Ohio Valley Gravel &amp; Sand located west of Paducah between Cairo Road (SR 305) and the Ohio River,</li> <li>• 9 solid waste landfills - 4 private, 4 governmental and 1 non-permitted; the extent of five landfills could not be determined from available historical mapping or current aerial photography,</li> <li>• 4 wastewater treatment plants, all owned by Paducah McCracken County Joint Sewer Agency; wastewater treatment plants will often have sludge disposal areas/landfills located adjacent or nearby, and</li> <li>• 1 water treatment plant operated by Paducah Water Works.</li> </ul>	<p>Source: USEPA Envirofacts (2018a), KDWM Landfills (2012), KDWM UST database (2017), KMMI (2008), aerial photo review, ESRI USGS map service layer</p>
Oil and Gas / Natural Resources	<p>Three oil/gas wells are mapped within the study area, each indicated as “Dry &amp; Abandoned”. All are located on the south and east sides of Paducah.</p> <p>Three hazardous liquids pipelines are located within the study area. A natural gas pipeline operated by Atmos Energy crosses through the study area from the northwest corner to the southeast corner. A second natural gas pipeline operated by Paducah Power is parallel to I-24 from Clarks River to the Paducah and Louisville rail line near Island Creek. The third pipeline was identified from USGS topographic mapping as a spur leading to south-central portion of Paducah.</p> <p>One quarry is present in the study area, the Ohio Valley Sand &amp; Gravel quarry</p>	<p>Source: KGS (2018b), NPMS (2018)</p>

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
Environmental Category	Resource/Feature	Source/Information
Section 4(f)	<p>23 potential Section 4(f) resources are identified in the study area, including:</p> <ul style="list-style-type: none"> <li>• 18 city parks (City of Paducah),</li> <li>• 3 county parks,</li> <li>• Perkins Creek Nature Preserve (City of Paducah), and</li> <li>• Clarks River National Wildlife Refuge (USFWS). Only a small portion of the refuge extends into the study area.</li> </ul>	<p>Source: USFWS IPaC (2018a), ESRI Aerial map service layer, ESRI Parks (2015), KGN Local Parks (2007), KSNPC (2018), USGS Protected Areas Database (2016)</p>
Section 6(f)	<p>Based on historic (2013) Land and Water Conservation Fund (LWCF) records, the following Section 6(f) resources are present in the study area:</p> <ul style="list-style-type: none"> <li>• Noble Park (including swimming pool, tennis courts, nature trail, and skate park),</li> <li>• Klob (sic) Park (Kolb Park wading pool),</li> <li>• Lone Oak Park,</li> <li>• Paxton Park,</li> <li>• Stuart Nelson Park,</li> <li>• McCracken County Soccer Fields, and</li> <li>• Riverfront Park (errantly included in McLean County list).</li> </ul> <p>Additional Section 6(f) resources may be present, as the 2013 list does not include sufficient information to determine precise locations of all fund recipients, and current listing information is unavailable as the NPS-LWCF listing website has been inoperative since at least January 2018.</p>	<p>Source: NPS-LWCF County List (2013), ESRI USA Parks dataset (2015)</p>
Easements	<p>Eleven (11) conservation easements are known to be present within the study area, all governed by the Wetland Reserve Program (USDA-NRCS). These lands are concentrated in the Ohio River floodplain northwest of Paducah or adjacent to the Clarks River National Wildlife Refuge in the southeast corner of the study area.</p>	<p>NCED (2017), USGS (2016)</p>
Air Quality	<p>The study area is not located in a Nonattainment Area for 8-hour ozone (2008 standard), or a Maintenance area for PM2.5 (1997 Standard or 2012 Standard) for which the EPA has established National Ambient Air Quality Standards (NAAQS) for Transportation Criteria Pollutants.</p>	<p>Source: KYTC (2016a), KYTC (2016b), USEPA Green Book (2017b)</p>
Noise	<p>Noise sensitive land use areas are present throughout the study area, primarily Activity Category “B” and “C” land uses – residential neighborhoods and sport areas, parks, cemeteries, and exterior use areas of libraries, houses of worship, schools and similar uses. No Activity Category “A” land uses, where serenity and quiet are of extraordinary significance, have been identified in the study area.</p>	<p>Source: KYTC Noise Policy (2015), ESRI aerial map service layer</p>



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<b>Environmental                      Category</b>	<b>Resource/Feature</b>	<b>Source/Information</b>																						
Environmental Justice	Analysis of socio-economic conditions, including Environmental Justice, in the study area is being conducted by the Purchase Area ADD, and will be provided separately.	Source: N/A																						
Cultural - Archaeology	<p>Based on a review of information provided by the Kentucky Office for State Archaeology (KOSA) for the project, 131 archaeological sites are located within the study area. Three (3) of those sites are listed on the NRHP, two described as “historic farm / residence” and one as “open habitation w/o mounds”. One additional site is listed as Eligible for National Register, described as “open habitation w/o mounds. No specifically identifiable information on these NRHP-listed or eligible sites was provided by KOSA for this report.</p> <p>Of the remaining recorded archaeological sites, 96 have not had National Register status assessed, 26 do not presently meet NR criteria, and 5 have no record for NR status. The number of each type of site listed for the 131 archaeological sites include:</p> <table border="0"> <tr> <td style="padding-right: 20px;">2</td> <td>Cemetery</td> </tr> <tr> <td>2</td> <td>Earth mound</td> </tr> <tr> <td>22</td> <td>Historic farm / residence</td> </tr> <tr> <td>4</td> <td>Industrial</td> </tr> <tr> <td>1</td> <td>Military</td> </tr> <tr> <td>1</td> <td>Non-mound earthwork</td> </tr> <tr> <td>1</td> <td>Open habitation w/ mounds</td> </tr> <tr> <td>75</td> <td>Open habitation w/o mounds</td> </tr> <tr> <td>14</td> <td>Other</td> </tr> <tr> <td>8</td> <td>Undetermined</td> </tr> <tr> <td>1</td> <td>Workshop</td> </tr> </table> <p>Seventy-one prior archaeological surveys are listed as being within the study area. The majority of those occur along the Tennessee River and Ohio River waterfronts, the proposed Ohio River Megapark site in the northwest corner of the study area, or in the western portions of the study area.</p> <p>Archaeological data provided by KOSA is considered confidential for direct public release. This data is provided as a separate attachment from the report.</p>	2	Cemetery	2	Earth mound	22	Historic farm / residence	4	Industrial	1	Military	1	Non-mound earthwork	1	Open habitation w/ mounds	75	Open habitation w/o mounds	14	Other	8	Undetermined	1	Workshop	Source: KOSA Preliminary Records Review Check (2018)
2	Cemetery																							
2	Earth mound																							
22	Historic farm / residence																							
4	Industrial																							
1	Military																							
1	Non-mound earthwork																							
1	Open habitation w/ mounds																							
75	Open habitation w/o mounds																							
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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
Environmental Category	Resource/Feature	Source/Information
Cultural - Historic	<p>Based on a review of publicly available information available from National Park Service (NPS) and information provided by the Kentucky Heritage Council (KHC) for the project, the following resources were identified within the study area:</p> <p>7 National Register Districts</p> <ul style="list-style-type: none"> <li>• California Apartments,</li> <li>• Jefferson Street-Fountain Avenue Residential (450 contributing buildings) and Boundary Increase (117 contributing buildings),</li> <li>• Lower Town Neighborhood (141 contributing buildings),</li> <li>• Paducah Downtown Commercial (144 contributing buildings) and Boundary Increase (4 contributing buildings),</li> <li>• Paducah Market House District (17 contributing buildings), and</li> <li>• Wallace Park Neighborhood (154 contributing buildings)</li> </ul> <p>20 National Register of Historic Places sites, including</p> <ul style="list-style-type: none"> <li>• 1 monument (Confederate Monument in Paducah)</li> <li>• 1 memorial (Tilghman, Lloyd Memorial)</li> <li>• 3 multi-structure sites (California Apartments-20 structures, St. Mary Academy Complex-3 structures, and Lincoln School-3 structures)</li> </ul> <p>All of the NRHP-listed districts and sites are located within the Paducah city limits except for Union Station School, located just southeast of the city.</p> <p>Additional KHC Historic Resources in the study area include:</p> <ul style="list-style-type: none"> <li>• 1 site with a Pending National Register status (Paducah City Hall),</li> <li>• 3 sites suggested for inclusion as contributing buildings for NR Districts, and</li> <li>• 656 sites with NR status undetermined, concentrated in Paducah and the unincorporated communities of Hendron and Loan Oak.</li> </ul> <p>An additional 148 sites were provided as KHC-Coded Properties, indicative of sites of cultural-historic interest that were recorded several decades ago during informal surveys, mostly in the rural portions of the study area.</p> <p>USGS historical topographic mapping depicts one Historical Marker on Wilmington Road south of KY 358, near the western boundary of the study area. No other information regarding this site was found.</p>	<p>Source: KHC Site Identification Check (2018), NPS NRHP map service layer (2018), ESRI USA topo map service layer</p>

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<b>Table 1: Environmental Resources/Features in the Paducah Small Urban Area Study Area                      McCracken County, KY</b>		
<b>Environmental                      Category</b>	<b>Resource/Feature</b>	<b>Source/Information</b>
Houses of Worship	Based upon a brief review of publicly available information, 87 houses of worship were identified within the study area.	Source: ESRI USA topo map service layer, Google Maps
Schools	Based upon a brief review of publicly available information, 21 schools were identified within the study area, including: <ul style="list-style-type: none"> <li>• 14 elementary/middle schools</li> <li>• 4 high schools</li> <li>• 4 colleges/universities</li> </ul>	Source: ESRI USA topo map service layer, ESRI Aerial map service layer, Google Maps
Cemeteries	Based upon a brief review of publicly available information, 24 cemeteries were identified within the study area, including: <ul style="list-style-type: none"> <li>• 17 named cemeteries, such as Oak Grove Cemetery and White Oak Cemetery</li> <li>• 7 unnamed cemeteries (USGS mapping)</li> </ul>	Source: ESRI USA topo map service layer, ESRI Aerial map service layer, Google Maps
Public Services	Public service and utility facilities located within the study area include: <ul style="list-style-type: none"> <li>• 4 railroad lines operated by Paducah &amp; Louisville RR cross into/out of the study area,</li> <li>• 2 Paducah &amp; Louisville RR rail yards are present in the center of Paducah,</li> <li>• 1 railroad line operated by Illinois Central RR runs along the western boundary of the study area, and</li> <li>• 9 fire department stations (Paducah-5 stations, Lone Oak-2 stations, Concord and Farley)</li> </ul>	Source: ESRI USA topo map service layer, ESRI Aerial map service layer, Google Maps, KIA (2017), USDOT (2017)
Residences and Businesses	Paducah is the single incorporated city in McCracken County, with an estimated 2017 population of 25,024, approximately 38% of the population of the county (65,565) as a whole. The top industries for employment in the county include Health Care & social Assistance, Retail Trade and Accommodations and Food Services.	Source: CEDIK McCracken County Profile (2016), US Census Bureau American Fact Finder (2018)

**ENVIRONMENTAL OVERVIEW**  
**SMALL URBAN AREA STUDY FOR PADUCAH**  
**KYTC ITEM #N/A**

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**SMALL URBAN AREA STUDY FOR PADUCAH**  
**KYTC ITEM #N/A**

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## **FIGURES**

1. Study Area Map
2. Project Location Map
- 3.1 Environmental Footprint: Natural Environment
- 3.2 Environmental Footprint: Human Environment

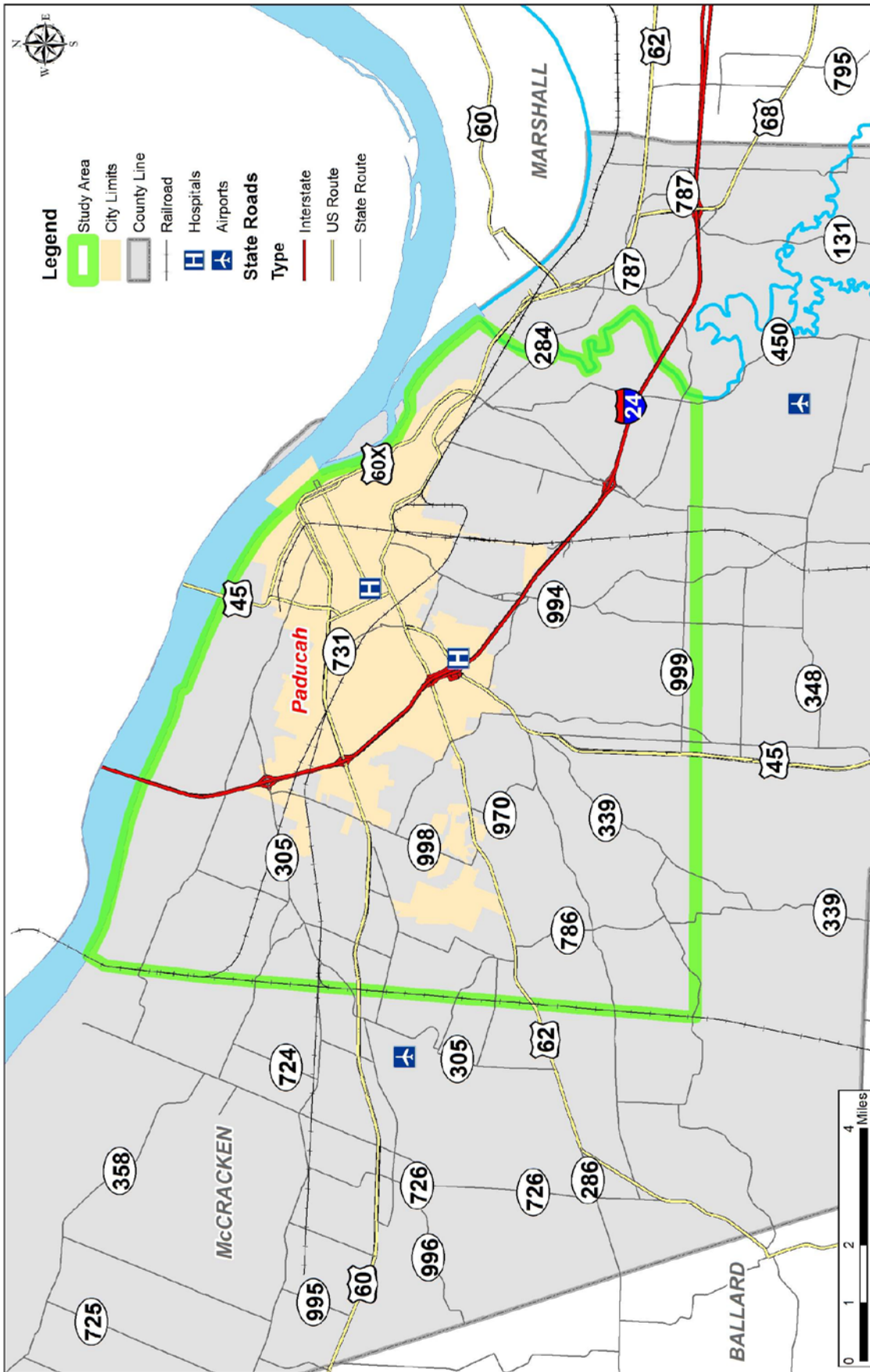
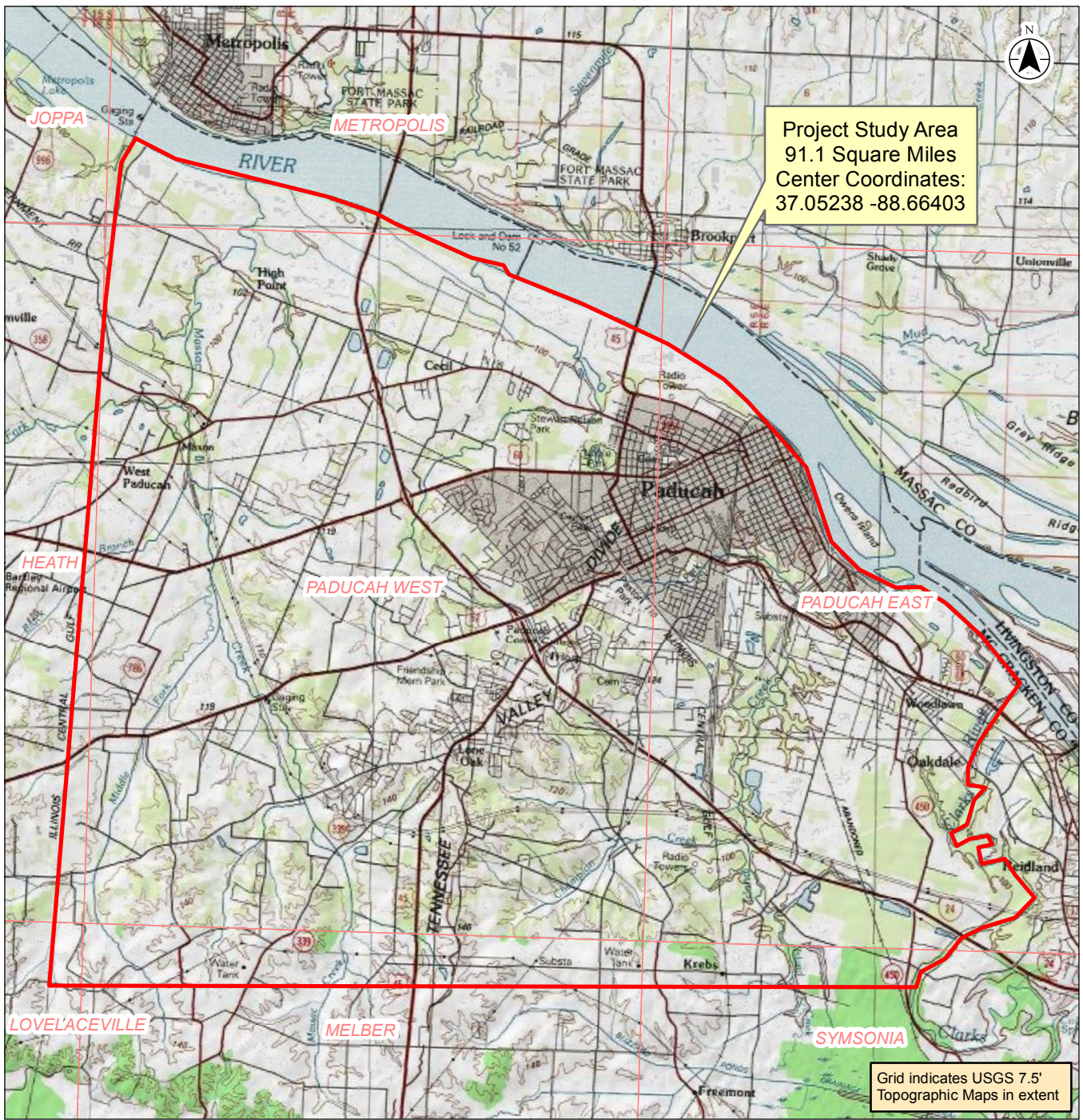


Exhibit 1: Study Area for the Paducah Small Urban Area Study; from Scope of Services

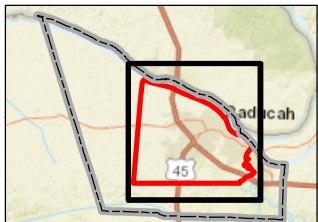
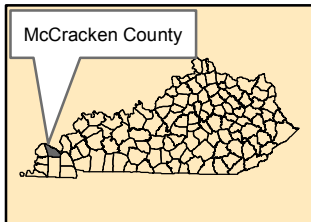
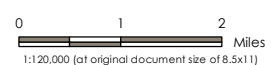
Figure 1 Study Area Map.





Project Study Area  
 91.1 Square Miles  
 Center Coordinates:  
 37.05238 -88.66403

Grid indicates USGS 7.5'  
 Topographic Maps in extent



Project Location: City of Paducah and surrounding area, McCracken County, Kentucky  
 178556010 LA#6  
 Prepared by BL on 2018-05-31

Client/Project: KYTC-DEA, KYTC District 1  
 Environmental Overview  
 Paducah Small Urban Area Study, KYTC Item #NA

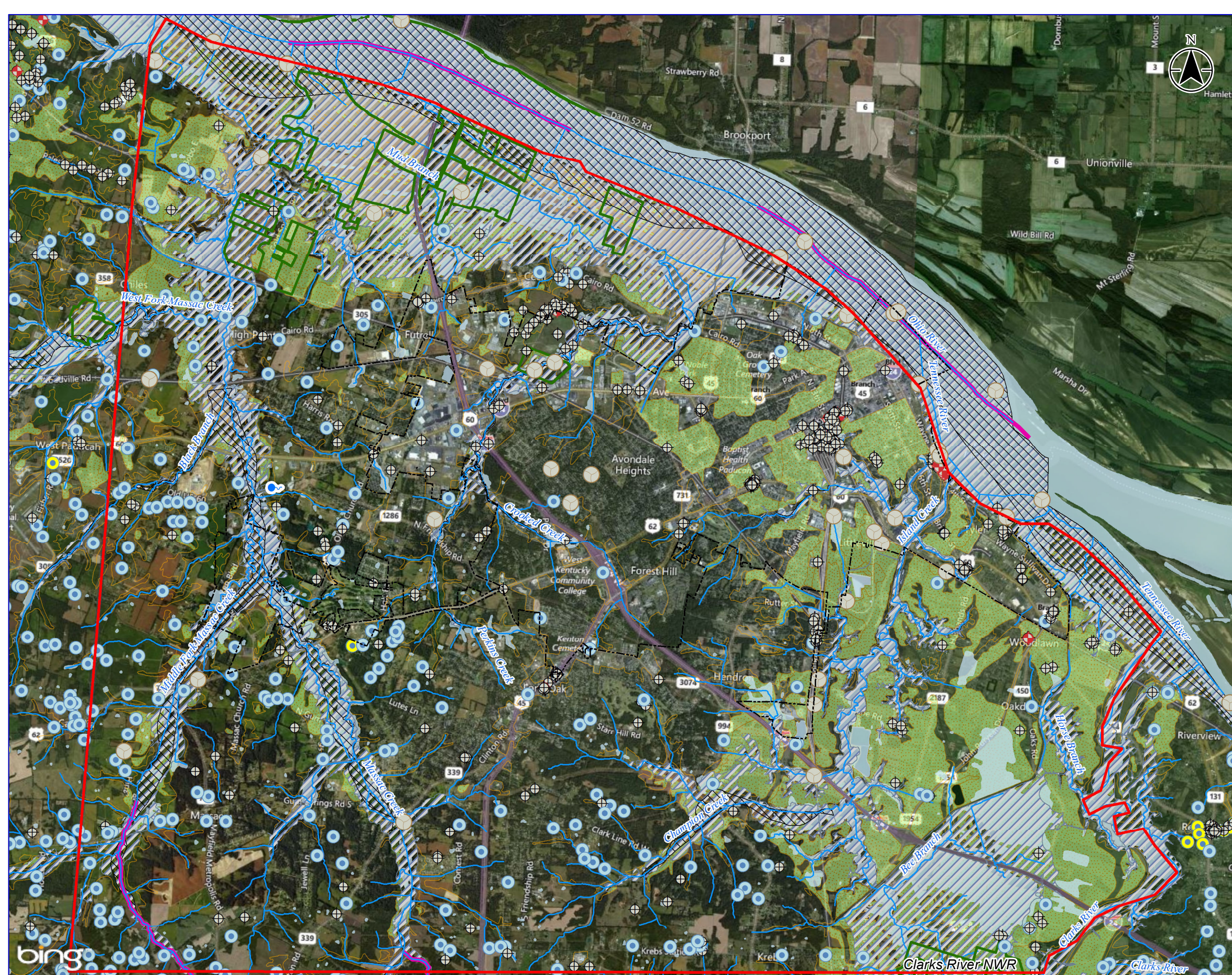
Figure No. **2**

Title: **Project Location Map**

Notes  
 1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1400 Feet  
 2. Base features produced from project design elements.  
 3. Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community  
 Copyright © 2013 National Geographic Society, I-cubed

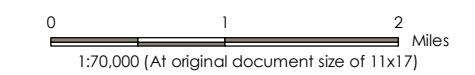


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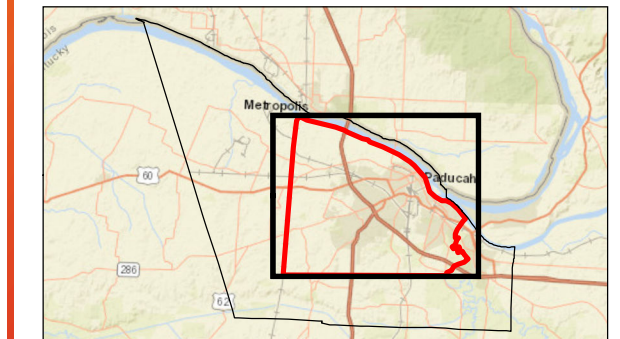


**Legend**

- Study Area
- Streams (NHD)
- OSRW (KDOW)
- NWI Wetland (USFWS)
- T&E Record (KSNPC)
- Spring (KGS)
- Water Wells (KGS)**
  - Domestic
  - Public
  - Remediation
  - Other
- NFHL (FEMA)**
  - Floodway
  - 100-Year Floodplain
- Hydic Soils (USDA)**
  - Partial
  - All
  - Conservation Easement (NCED)
  - City Boundary



- Notes**
1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
  2. Base features: see Sources and References
  3. Base Imagery: Bing map services, (C) Microsoft Corp 2018.



Project Location: City of Paducah and surrounding area, McCracken County, Kentucky  
 178556010 LA#6  
 Prepared by BL on 2018-06-26

Client/Project: KYTC-DEA, KYTC District 1  
 Environmental Overview  
 Paducah Small Urban Area Study, KYTC Item #NA

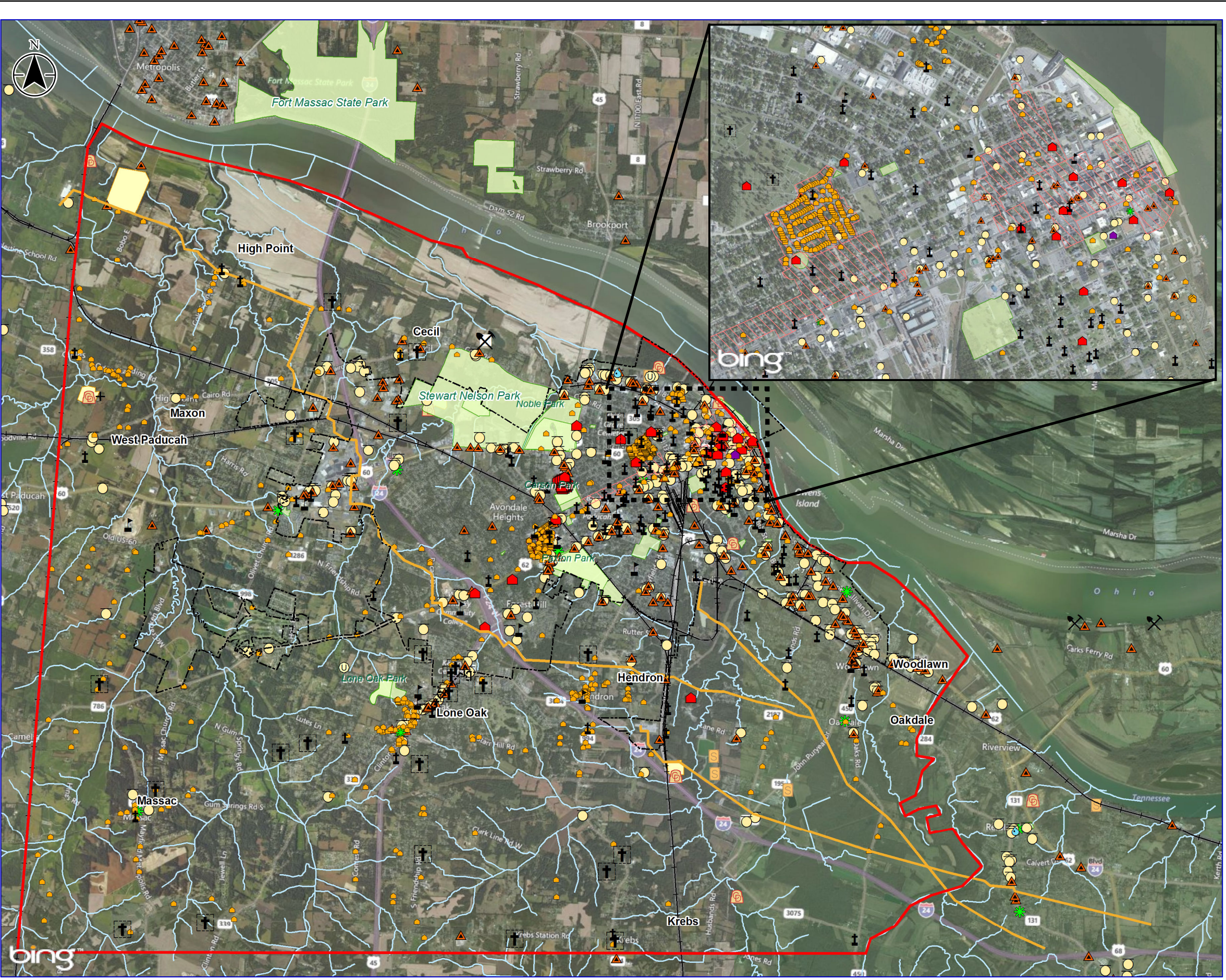
Figure No.

**3.1**

Title

**Environmental Footprint  
 Natural Environment**



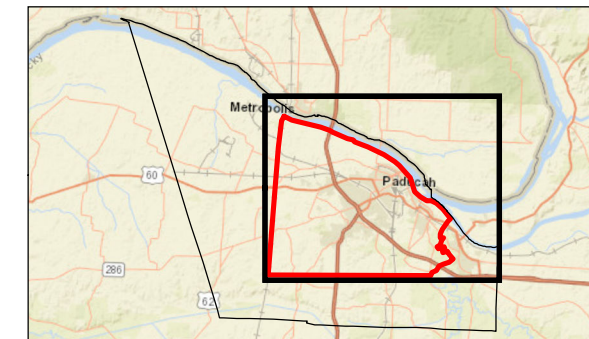


**Legend**

- Study Area
- Cemetery
- \* Fire Departments
- + Historic Marker
- House of Worship
- School
- Utility
- Pipeline (NPMS and USGS)
- ▲ HazMat Record (USEPA)
- UST Record (KDWM)
- 💧 Water Treatment Plant (KDOW)
- ♻️ Wastewater Treatment Plant (KDWM)
- 🗑️ Landfill (KDWM)
- Landfill Boundary
- ⚒️ Quarry (KDNRR)
- Park
- Cultural-Historic Sites (KHC)**
- 🏠 NRHP Listed
- 🏠 NRHP Pending
- 🏠 Potentially Historic
- NR Historic District
- 🚂 Railroad
- 🌊 Streams (NHD)
- City Boundary

0 1 2 Miles  
1:80,000 (At original document size of 11x17)

- Notes**
1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
  2. Base features: see Sources and References
  3. Base Imagery: Bing map services, (C) Microsoft Corp 2018.



Project Location: City of Paducah and surrounding area, McCracken County, Kentucky  
178556010 LA#6  
Prepared by BL on 2018-06-26

Client/Project: KYTC-DEA, KYTC District 1  
Environmental Overview  
Paducah Small Urban Area Study, KYTC Item #NA

Figure No. **3.2**

**Environmental Footprint  
Human Environment**

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## **ATTACHMENTS**

1. Threatened and Endangered Species
2. Hazardous Materials Concerns
3. National Park Service LWCF (Section 6(f)) Resources
4. Air Quality - Transportation Related Pollutants
5. Cultural Archaeological and Historic Resources

## **ATTACHMENT 1**

### **THREATENED AND ENDANGERED SPECIES**

- Paducah SUA IPaC Trust Resource Report
- USFWS Maps of Known Indiana and Northern Long-eared Bat Habitat
- KDFWR State-Listed Species, Project Area Quadrangles (condensed)
- KSNPC Natural Heritage Database Response (redacted)

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

McCracken County, Kentucky



## Local office

Kentucky Ecological Services Field Office

☎ (502) 695-0468

📅 (502) 695-1024

J C Watts Federal Building, Room 265  
330 West Broadway  
Frankfort, KY 40601-8670

<http://www.fws.gov/frankfort/>



# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## Mammals

NAME

STATUS

Gray Bat *Myotis grisescens* Endangered

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/6329>

Indiana Bat *Myotis sodalis* Endangered

This species only needs to be considered if any of the following conditions apply:

- All activities in this location should consider possible effects to this species. The project area includes known "summer 1" habitat.
- All activities in this location should consider possible effects to this species. The project area includes "potential" habitat.

There is **final** critical habitat for this species. Your location is outside the critical habitat.

<https://ecos.fws.gov/ecp/species/5949>

Northern Long-eared Bat *Myotis septentrionalis* Threatened

This species only needs to be considered if the following condition applies:

- The specified area includes areas in which incidental take would not be prohibited under the 4(d) rule. For reporting purposes, please use the "streamlined consultation form," linked to in the "general project design guidelines" for the species.

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/9045>

## Birds

NAME	STATUS
Least Tern <i>Sterna antillarum</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/8505">https://ecos.fws.gov/ecp/species/8505</a>	Endangered

## Clams

NAME	STATUS
Clubshell <i>Pleurobema clava</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/3789">https://ecos.fws.gov/ecp/species/3789</a>	Endangered small to large rivers
Fanshell <i>Cyprogenia stegaria</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/4822">https://ecos.fws.gov/ecp/species/4822</a>	Endangered medium to large rivers

<p>Fat Pocketbook <i>Potamilus capax</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/2780">https://ecos.fws.gov/ecp/species/2780</a></p>	<p>Endangered            medium to large rivers</p>
<p>Northern Riffleshell <i>Epioblasma torulosa rangiana</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/527">https://ecos.fws.gov/ecp/species/527</a></p>	<p>Endangered            large creeks to medium rivers</p>
<p>Orangefoot Pimpleback (pearlymussel) <i>Plethobasus cooperianus</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/1132">https://ecos.fws.gov/ecp/species/1132</a></p>	<p>Endangered            large rivers</p>
<p>Purple Cat's Paw (=purple Cat's Paw Pearlymussel) <i>Epioblasma obliquata obliquata</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/5602">https://ecos.fws.gov/ecp/species/5602</a></p>	<p>Endangered            large streams to rivers</p>
<p>Rabbitsfoot <i>Quadrula cylindrica cylindrica</i>            There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.  <a href="https://ecos.fws.gov/ecp/species/5165">https://ecos.fws.gov/ecp/species/5165</a></p>	<p>Threatened            small to large rivers</p>
<p>Ring Pink (mussel) <i>Obovaria retusa</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/4128">https://ecos.fws.gov/ecp/species/4128</a></p>	<p>Endangered            large rivers</p>
<p>Rough Pigtoe <i>Pleurobema plenum</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/6894">https://ecos.fws.gov/ecp/species/6894</a></p>	<p>Endangered            small to large rivers</p>
<p>Sheepnose Mussel <i>Plethobasus cyphus</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/6903">https://ecos.fws.gov/ecp/species/6903</a></p>	<p>Endangered            medium to large rivers</p>
<p>Spectaclecase (mussel) <i>Cumberlandia monodonta</i>            No critical habitat has been designated for this species.  <a href="https://ecos.fws.gov/ecp/species/7867">https://ecos.fws.gov/ecp/species/7867</a></p>	<p>Endangered            large rivers</p>

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

# Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE.



"BREEDS ELSEWHERE" INDICATES  
 THAT THE BIRD DOES NOT LIKELY  
 BREED IN YOUR PROJECT AREA.)

<p><b>American Kestrel</b> <i>Falco sparverius paulus</i>        This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	<p>Breeds Apr 1 to Aug 31</p>
<p><b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i>        This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.  <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a></p>	<p>Breeds Sep 1 to Jul 31</p>
<p><b>Blue-winged Warbler</b> <i>Vermivora pinus</i>        This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	<p>Breeds May 1 to Jun 30</p>
<p><b>Cerulean Warbler</b> <i>Dendroica cerulea</i>        This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/2974">https://ecos.fws.gov/ecp/species/2974</a></p>	<p>Breeds Apr 23 to Jul 20</p>
<p><b>Dunlin</b> <i>Calidris alpina arctica</i>        This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	<p>Breeds elsewhere</p>
<p><b>Eastern Whip-poor-will</b> <i>Antrostomus vociferus</i>        This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	<p>Breeds May 1 to Aug 20</p>
<p><b>Henslow's Sparrow</b> <i>Ammodramus henslowii</i>        This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/3941">https://ecos.fws.gov/ecp/species/3941</a></p>	<p>Breeds May 1 to Aug 31</p>
<p><b>Kentucky Warbler</b> <i>Oporornis formosus</i>        This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	<p>Breeds Apr 20 to Aug 20</p>
<p><b>Least Tern</b> <i>Sterna antillarum</i>        This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	<p>Breeds Apr 20 to Sep 10</p>

**Lesser Yellowlegs** *Tringa flavipes*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9679>

Breeds elsewhere

**Prairie Warbler** *Dendroica discolor*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Jul 31

**Prothonotary Warbler** *Protonotaria citrea*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 1 to Jul 31

**Red-headed Woodpecker** *Melanerpes erythrocephalus*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Sep 10

**Rusty Blackbird** *Euphagus carolinus*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

**Semipalmated Sandpiper** *Calidris pusilla*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

**Willet** *Tringa semipalmata*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 20 to Aug 5

**Wood Thrush** *Hylocichla mustelina*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Aug 31

**Yellow Rail** *Coturnicops noveboracensis*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9476>

Breeds elsewhere

## Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

### Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

### Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

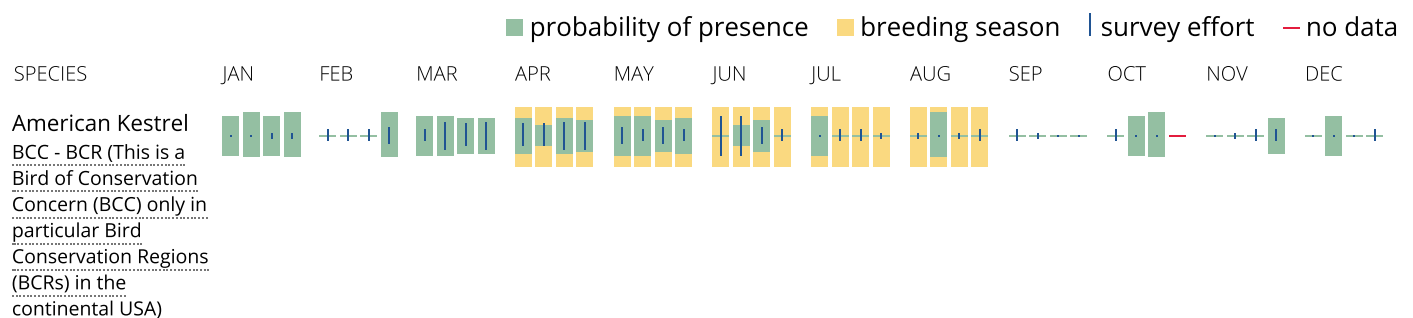
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

### No Data (—)

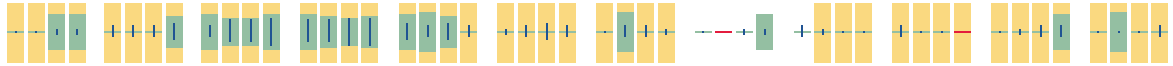
A week is marked as having no data if there were no survey events for that week.

### Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



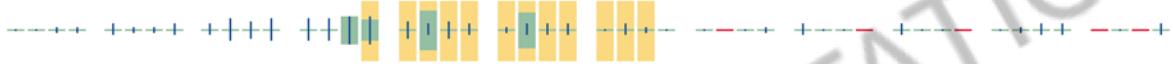
**Bald Eagle**  
 Non-BCC Vulnerable  
 (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)



**Blue-winged Warbler**  
 BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



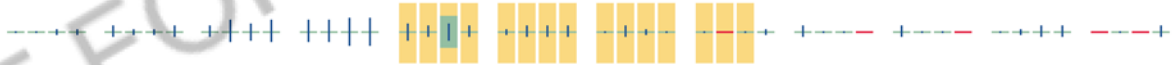
**Cerulean Warbler**  
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



**Dunlin**  
 BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



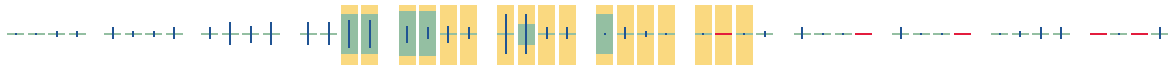
**Eastern Whip-poor-will**  
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



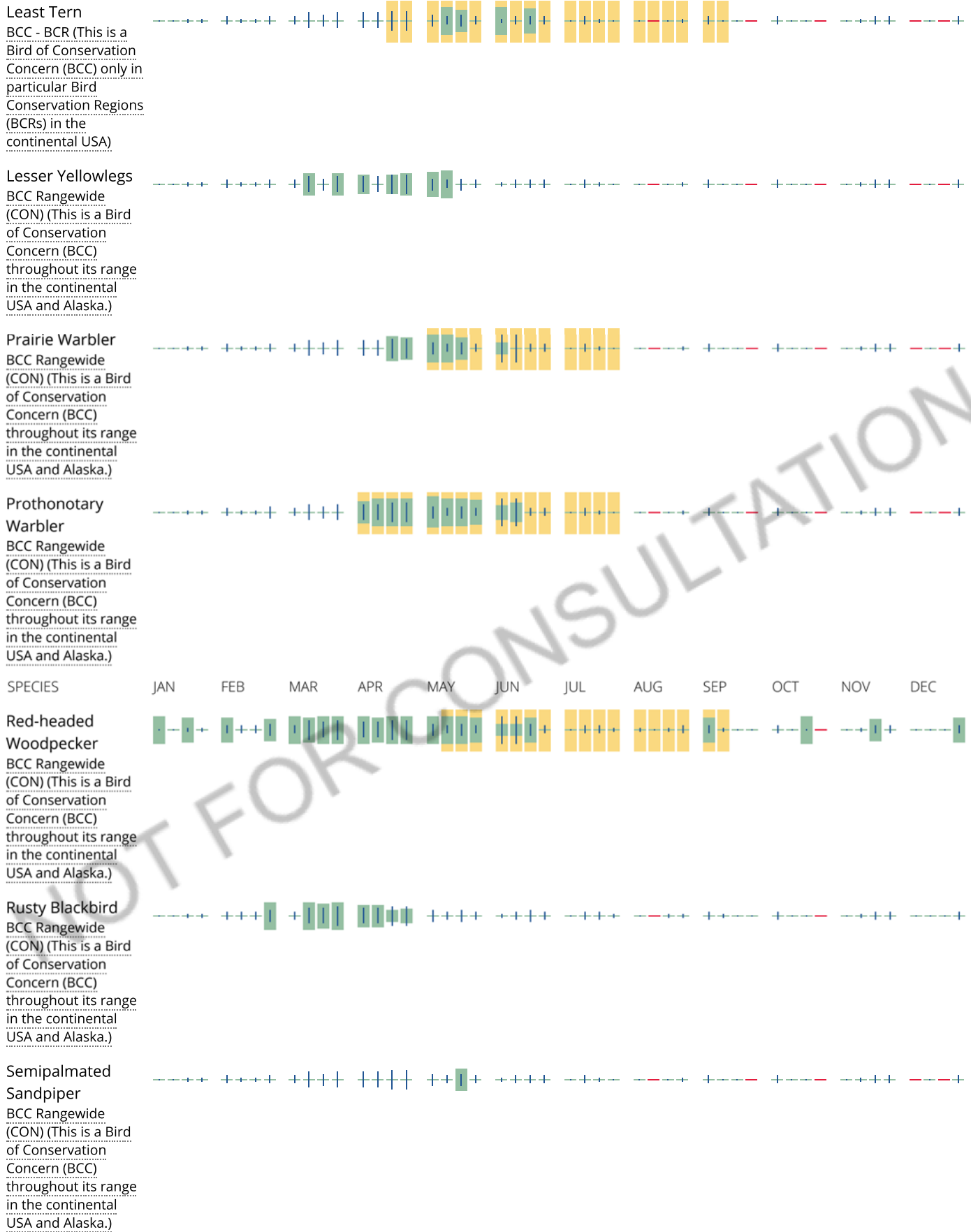
**Henslow's Sparrow**  
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

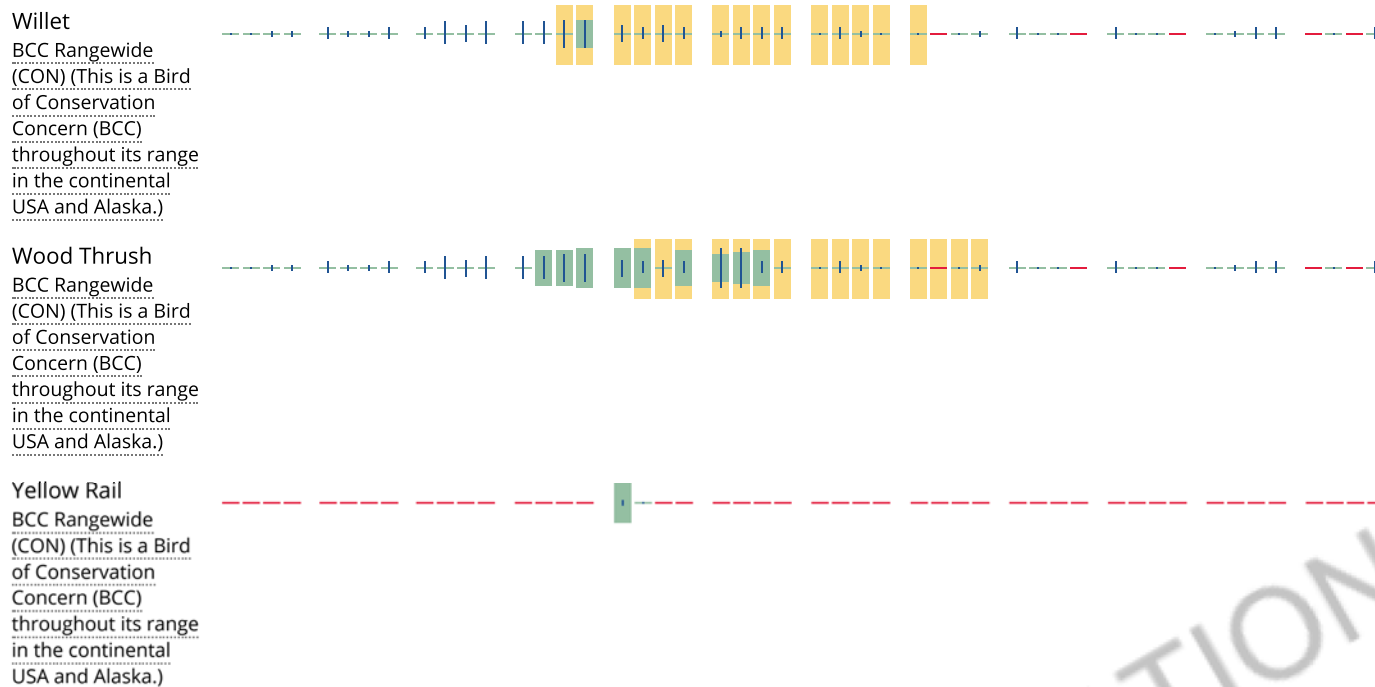


**Kentucky Warbler**  
 BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)









**Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.**

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) and/or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the migratory birds potentially occurring in my specified location?**

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [E-bird Explore Data Tool](#).

**What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

### How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look

carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.


## Facilities


### National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

This location overlaps the following National Wildlife Refuge lands:

LAND	ACRES
Clarks River National Wildlife Refuge	9,265.59 acres

 (270) 527-5770

 (270) 527-5052

#### MAILING ADDRESS

Post Office Box 89  
Benton, KY 42025-0089

#### PHYSICAL ADDRESS

91 Us Highway 641 North  
Benton, KY 42025-0089

<https://www.fws.gov/refuges/profiles/index.cfm?id=42622>

## Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

## Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

The area of this project is too large for IPaC to load all NWI wetlands in the area. The list below may be incomplete. Please contact the local U.S. Fish and Wildlife Service office or visit the [NWI map](#) for a full list.

#### FRESHWATER EMERGENT WETLAND

[PEM1A](#)  
[PEM1C](#)  
[PEM1Cx](#)  
[PEM1Ah](#)  
[PEM1F](#)  
[PEM1Fx](#)  
[PEM1Ad](#)  
[PEM1Fh](#)  
[PEM1Ax](#)

#### FRESHWATER FORESTED/SHRUB WETLAND

[PFO1A](#)  
[PFO1C](#)  
[PSS1A](#)  
[PFO1F](#)  
[PSS1E](#)  
[PSS1C](#)  
[PSS1Ah](#)  
[PFO1Ax](#)  
[PSS1Ax](#)

#### FRESHWATER POND

[PUBHx](#)  
[PUBH](#)  
[PUBHh](#)  
[PUBF](#)  
[PUBFx](#)  
[PUBFh](#)  
[PAB4Fx](#)  
[PUSCx](#)  
[PAB4H](#)



## LAKE

[L1UBHx](#)[L2UBHx](#)

## RIVERINE

[R2UBH](#)[R4SBC](#)[R5UBH](#)[R2UBHx](#)[R5UBFx](#)

A full description for each wetland code can be found at the [National Wetlands Inventory website](#)

**Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

**Data exclusions**

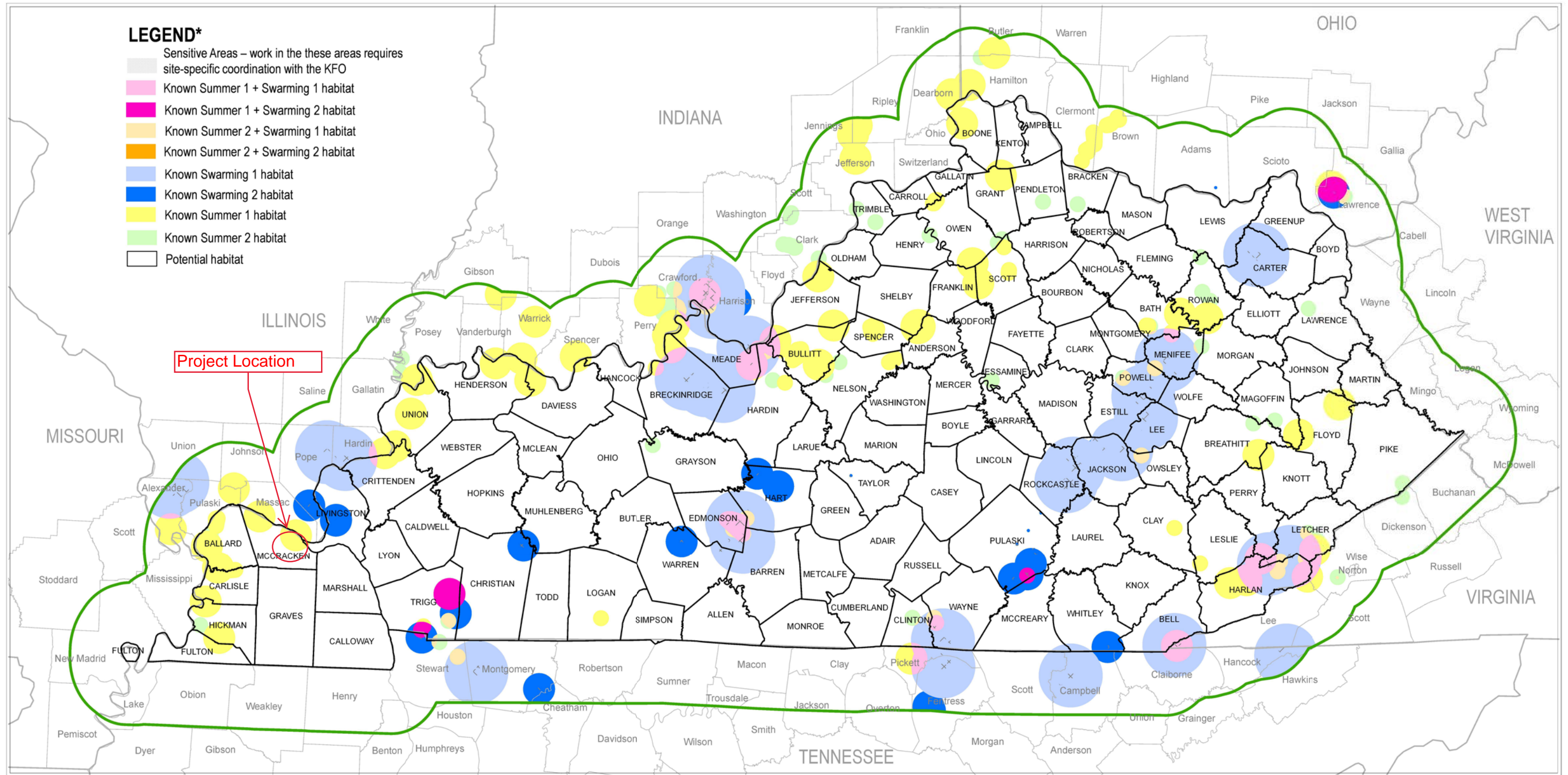
Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Data precautions**

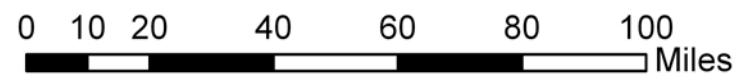
Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



# Known Indiana bat habitat in Kentucky and within 20 miles (January 2018)



NOTE: This map is based on species occurrence information and is subject to change as new data become available. Please contact our office at 502/695-0468 to ensure you are working with the most current version.  
 \*For an explanation of terms, please see the Conservation Strategy for Forest-Dwelling Bats in the Commonwealth of Kentucky.



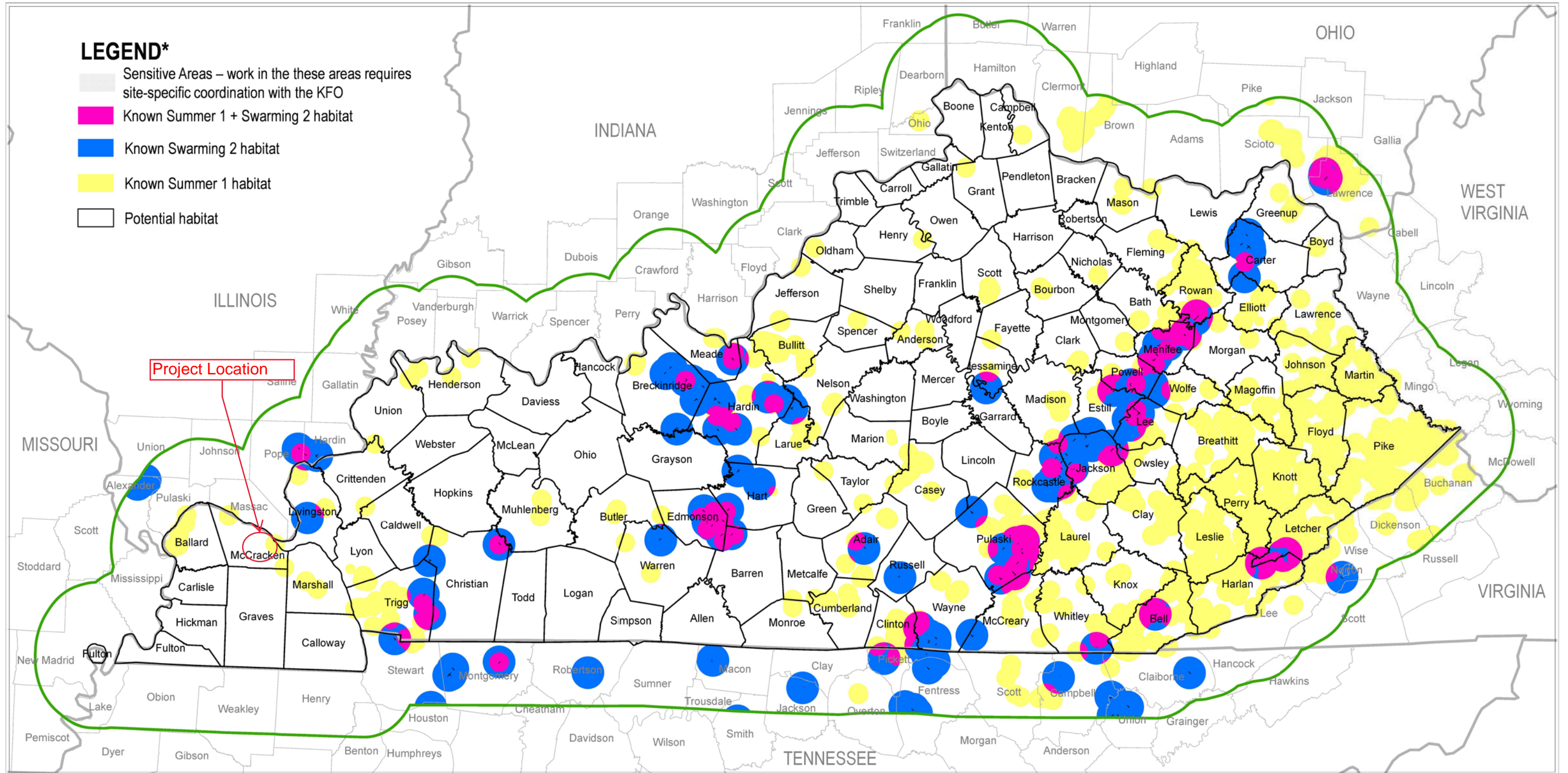
The USFWS makes no warranty for use of this map and cannot be held liable for actions or decisions based on map content. This map was produced as an appendix to the Conservation Strategy for Forest-Dwelling Bats in the Commonwealth of Kentucky and should only be used in the context of this Strategy.



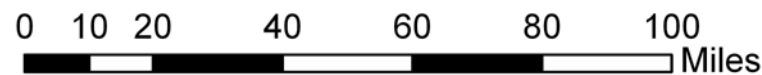




# Known northern long-eared bat habitat in Kentucky and within 20 miles (January 2018)



NOTE: This map is based on species occurrence information and is subject to change as new data become available. Please contact our office at 502/695-0468 to ensure you are working with the most current version.  
 \*For an explanation of terms, please see the Conservation Strategy for Forest-Dwelling Bats in the Commonwealth of Kentucky.



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List State Threatened, Endangered, and Special Concern Species observations in 7 selected quads.  
Selected quads are: Heath, Lovelaceville, Melber, Metropolis, Paducah East, Paducah West, Symsonia.

Scientific Name	Common Name and Pictures	Class	Quad	US Status	KY Status	WAP
<i>Acipenser fulvescens</i>	Lake Sturgeon	Actinopterygii	Paducah East	N	E	Yes
<i>Atractosteus spatula</i>	Alligator Gar	Actinopterygii	Paducah East	N	E	Yes
<i>Hybognathus hayi</i>	Cypress Minnow	Actinopterygii	Melber, Symsonia	N	E	Yes
<i>Lepomis marginatus</i>	Dollar Sunfish	Actinopterygii	Symsonia	N	E	Yes
<i>Cyprinella venusta</i>	Blacktail Shiner	Actinopterygii	Lovelaceville	N	S	Yes
<i>Ictiobus niger</i>	Black Buffalo	Actinopterygii	Metropolis, Paducah East, Paducah West, Symsonia	N	S	Yes
<i>Lota lota</i>	Burbot	Actinopterygii	Paducah East	N	S	Yes
<i>Erimyzon sucetta</i>	Lake Chubsucker	Actinopterygii	Melber	N	T	Yes
<i>Etheostoma proeliare</i>	Cypress Darter	Actinopterygii	Symsonia	N	T	Yes
<i>Lepomis miniatus</i>	Redspotted Sunfish	Actinopterygii	Heath	N	T	Yes
<i>Menidia audens</i>	Mississippi Silverside	Actinopterygii	Metropolis, Paducah East	N	T	Yes
<i>Notropis maculatus</i>	Taillight Shiner	Actinopterygii	Symsonia	N	T	Yes
<i>Umbra limi</i>	Central Mudminnow	Actinopterygii	Symsonia	N	T	Yes
<i>Hyla avivoca</i>	Bird-voiced Treefrog	Amphibia	Paducah East	N	S	Yes
<i>Rana areolata circulosa</i>	Northern Crawfish Frog	Amphibia	Heath, Lovelaceville, Melber, Paducah East, Paducah West, Symsonia	N	S	Yes
<i>Certhia americana</i>	Brown Creeper	Aves	Paducah East	N	E	Yes
<i>Egretta caerulea</i>	Little Blue Heron	Aves	Lovelaceville	N	E	Yes
<i>Falco peregrinus</i>	Peregrine Falcon	Aves	Paducah East	N	E	Yes
<i>Fulica americana</i>	American Coot	Aves	Paducah East, Paducah West	N	E	
<i>Peucaea aestivalis</i>	Bachman's Sparrow	Aves	Paducah West	N	E	Yes
<i>Podilymbus podiceps</i>	Pied-billed Grebe	Aves	Paducah East	N	E	Yes
<i>Accipiter striatus</i>	Sharp-shinned Hawk	Aves	Melber	N	S	Yes
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Aves	Symsonia	N	S	Yes
<i>Corvus ossifragus</i>	Fish Crow	Aves	Heath, Lovelaceville, Metropolis, Paducah West	N	S	
<i>Dolichonyx oryzivorus</i>	Bobolink	Aves	Heath	N	S	Yes
<i>Ictinia mississippiensis</i>	Mississippi Kite	Aves	Lovelaceville, Melber, Paducah East, Paducah West	N	S	Yes

Scientific Name	Common Name and Pictures	Class	Quad	US Status	KY Status	WAP
<i>Junco hyemalis</i>	Dark-eyed Junco	Aves	Heath, Lovelaceville, Paducah East, Paducah West	N	S	
<i>Pandion haliaetus</i>	Osprey	Aves	Paducah East, Paducah West	N	S	Yes
<i>Riparia riparia</i>	Bank Swallow	Aves	Paducah East	N	S	Yes
<i>Tyto alba</i>	Barn Owl	Aves	Melber, Paducah West, Symsonia	N	S	Yes
<i>Anas discors</i>	Blue-winged Teal	Aves	Heath, Paducah West	N	T	
<i>Circus cyaneus</i>	Northern Harrier	Aves	Paducah East	N	T	Yes
<i>Gallinula galeata</i>	Common Gallinule	Aves	Lovelaceville	N	T	Yes
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Aves	Lovelaceville, Metropolis, Paducah East, Paducah West	N	T	Yes
<i>Ixobrychus exilis</i>	Least Bittern	Aves	Lovelaceville	N	T	Yes
<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	Aves	Lovelaceville, Melber, Symsonia, Heath	N	T	Yes
<i>Phalacrocorax auritus</i>	Double-crested Cormorant	Aves	Heath, Paducah East, Paducah West	N	T	
<i>Lampsilis ovata</i>	Pocketbook	Bivalvia	Metropolis, Paducah East, Paducah West, Symsonia	N	E	Yes
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	Bivalvia	Paducah East	N	E	Yes
<i>Toxolasma texasense</i>	Texas Lilliput	Bivalvia	Symsonia	N	E	Yes
<i>Villosa lienosa</i>	Little Spectaclecase	Bivalvia	Symsonia	N	S	Yes
<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	Cephalaspidomorphi	Metropolis, Symsonia	N	S	Yes
<i>Lioplax sulculosa</i>	Furrowed Lioplax	Gastropoda	Paducah East	N	S	
<i>Lithasia armigera</i>	Armored Rocksnail	Gastropoda	Paducah East	N	S	
<i>Lithasia geniculata</i>	Ornate Rocksnail	Gastropoda	Paducah East	N	S	
<i>Lithasia verrucosa</i>	Varicose Rocksnail	Gastropoda	Paducah East	N	S	
<i>Satyrrium favonius ontario</i>	Northern Hairstreak	Insecta	Paducah West	N	S	
<i>Euphyes dukesi</i>	Dukes' Skipper	Insecta	Paducah East	N	T	
<i>Cambarellus puer</i>	Swamp Dwarf Crayfish	Malacostraca	Melber	N	E	Yes
<i>Orconectes palmeri palmeri</i>	Gray-speckled Crayfish	Malacostraca	Lovelaceville	N	E	Yes
<i>Myotis austroriparius</i>	Southeastern Myotis	Mammalia	Heath, Paducah East, Symsonia	N	E	Yes
<i>Nycticeius humeralis</i>	Evening Bat	Mammalia	Heath, Paducah East, Paducah West, Symsonia	N	S	Yes
<i>Peromyscus gossypinus</i>	Cotton Mouse	Mammalia	Symsonia	N	T	Yes

Scientific Name	Common Name and Pictures	Class	Quad	US Status	KY Status	WAP
<i>Farancia abacura reinwardtii</i>	Western Mud Snake	Reptilia	Symsonia	N	S	Yes
<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	Reptilia	Symsonia	N	S	Yes
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	Reptilia	Paducah East, Metropolis	N	T	Yes



## KENTUCKY STATE NATURE PRESERVES COMMISSION

**Matthew G. Bevin**  
Governor

300 Sower Blvd  
Frankfort, Kentucky 40601-1132  
Phone 502-573-2886  
Fax 502-573-2355  
<http://naturepreserves.ky.gov>

**Charles G. Snavelly**  
Secretary

**Zeb Weese**  
Executive Director

June 15, 2018

Bill Leopold  
Stantec  
11687 Lebanon Road  
Cincinnati, OH 45241

Project: Paducah Sann Urban Area Study; Stantec  
Project ID: 18-0037  
Project Type: Area Study (no buffer)  
Site Acreage: 58,314.71  
Site Lat/Lon: 37.052379 / -88.664026  
County: McCracken  
USGS Quad: Heath; Lovelaceville; Melber; Metropolis; Paducah East;  
Paducah West; Symsonia  
Watershed HUC12: Bayou Creek-Ohio River; Black Branch-Massac Creek;  
Blizzard Ponds; Dunn Slough Creek-Clarks River;  
Headwaters Massac Creek +  
Physiographic Region: Purchase; Western Pennyroyal

Dear Bill Leopold,

This letter is in response to your data request for the project referenced above. We have reviewed our Natural Heritage Program Database to determine if any of the endangered, threatened, or special concern plants and animals or exemplary natural communities monitored by the Kentucky State Nature Preserves Commission occur within your general project area. Your project does pose a concern at this time, therefore please see the attached reports for more detailed information.

I would like to take this opportunity to remind you of the terms of the data request license, which you agreed upon in order to submit your request. The license agreement states "Data and data products received from the Kentucky State Nature Preserves Commission, including any portion thereof, may not be reproduced in any form or by any means without the express written authorization of the Kentucky State Nature Preserves Commission." The exact location of plants, animals, and natural communities, if released by the Kentucky State Nature Preserves Commission, may not be released in any document or correspondence. These products are provided on a temporary basis for the express project (described above) of the requester, and may not be redistributed, resold or copied without the written permission of the Kentucky State Nature Preserves Heritage Branch (300 Sower Blvd - 4th Floor, Frankfort, KY, 40601. Phone: (502) 782-7828).

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed and new plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any



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Project ID: 18-0037  
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Page 2

part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. We would greatly appreciate receiving any pertinent information obtained as a result of on-site surveys.

If you have any questions, or if I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Ian Horn  
Geoprocessing Specialist



**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
5214	<i>Accipiter striatus</i>	Sharp-shinned Hawk	G5	S3B,S4N	S		1985	M	E	██████ ██████	NE block of quadrangle.	Forest and open woodland, coniferous, mixed, or deciduous, primarily in conif. In more northern and mountainous portion of range (B83COM01NA). Migrates through various habitats, mainly along ridges, lakeshores, & coastlines (B83NAT01NA).
1768	<i>Aesculus pavia</i>	Red Buckeye	G5	S2S3	T		2014-05-11	M	X	██████ ██████	PADUCAH, ██████ ██████ ██████.	Swamp forests, usually stagnant (Weakley 2011); rich damp woods (Gleason and Cronquist 1991); woods and thickets.
13025	<i>Aesculus pavia</i>	Red Buckeye	G5	S2S3	T		2002	S	X?	██████ ██████	Paducah, ██████ ██████.	Swamp forests, usually stagnant (Weakley 2011); rich damp woods (Gleason and Cronquist 1991); woods and thickets.
72	<i>Aimophila aestivalis</i>	Bachman's Sparrow	G3	S1B	E	SOMC	1951-07-17	G	X	██████ ██████	5 mi W of Paducah.	Early successional areas with scattered saplings (often pines), bushes, or understory, brushy or overgrown hillsides, overgrown fields with thickets and brambles.
9487	<i>Ardea herodias</i>	Great Blue Heron	G5	S3B,S4N	N		1994-05-18	S	X	██████ ██████	Ohio River floodplain, ██████ ██████ ██████.	Freshwater and brackish marshes, along lakes, rivers, bays, lagoons, ocean beaches, mangroves, fields, and meadows.
14308	<i>Asclepias hirtella</i>	Prairie milkweed	G5	S2	T		1970-07-29	M	E	██████ ██████	McCracken Co., ██████ ██████ ██████.	Fields, barrens and roadsides.
6953	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Cream Wild Indigo	G4G5T4T 5	S3	S		1991-06-19	S	B	██████ ██████	NORTH SIDE OF KY 1420, ██████ ██████.	Prairies and open dry or upland woods; sandhills.

**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USESA	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
4452	<i>Euphyes dukesi</i>	Dukes' Skipper	G3	S2	T		2001-09-13	S	C	██████ ██████	PADUCAH, CA 0.5 AIR KM W OF US 60/62 ██████ ██████	Shaded tupelo swamps in south, partially shaded marshes and ditches in midwest (Opler and Malikul 1992). Feeds on sedges (Carex lacustris and C. hyalinolepis) (L.D. Gibson pers comm). On the Atlantic Coast it also feeds on Carex walterian
6554	<i>Euphyes dukesi</i>	Dukes' Skipper	G3	S2	T		1999	S	X	██████ ██████	PADUCAH, CA 0.3 AIR KM ESE OF US 60/62 ██████ ██████ ██████ ██████ ██████	Shaded tupelo swamps in south, partially shaded marshes and ditches in midwest (Opler and Malikul 1992). Feeds on sedges (Carex lacustris and C. hyalinolepis) (L.D. Gibson pers comm). On the Atlantic Coast it also feeds on Carex walterian
7490	<i>Euphyes dukesi</i>	Dukes' Skipper	G3	S2	T		2006-09-09	S	BC	██████ ██████	Paducah, ca 0.9 air km W of US 60/62 ██████ ██████ ██████ ██████	Shaded tupelo swamps in south, partially shaded marshes and ditches in midwest (Opler and Malikul 1992). Feeds on sedges (Carex lacustris and C. hyalinolepis) (L.D. Gibson pers comm). On the Atlantic Coast it also feeds on Carex walterian
8612	<i>Euphyes dukesi</i>	Dukes' Skipper	G3	S2	T		199-	S	C	██████ ██████	██████ ██████ ██████ ██████	Shaded tupelo swamps in south, partially shaded marshes and ditches in midwest (Opler and Malikul 1992). Feeds on sedges (Carex lacustris and C. hyalinolepis) (L.D. Gibson pers comm). On the Atlantic Coast it also feeds on Carex walterian
4556	<i>Fusconaia subrotunda</i>	Longsolid	G3	S3S4	S		1931	M	H	██████ ██████	Tenn R at Paducah.	Gravel bars and deep pools in large rivers and large to medium-sized streams (Ahlsted 1984, Goodrich and Van Der Schalie 1944, Neel and Allen 1964, Parmalee 1967).

**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
10005	<i>Heterotheca subaxillaris</i> var. <i>latifolia</i>	Broad-leaf Golden-aster	G5T5	S2	T		1983-10-26	M	E	██████ ██████	ILLINOIS CENTRAL GULF RAILROAD YARDS AT PADUCAH.	Dry, often sandy places, particularly disturbed sites.
11260	<i>Hydrolea ovata</i>	Ovate Fiddleleaf	G5	S1	E		2006-07-10	S	BC	██████ ██████	Cross RR on the Chester Hack Bridge heading SE. Turn right onto Bloom Ave and then left onto Paxton St. Paxton St ends at the RR track. ██████ ██████████████████ ██████████████████ ██████████████████ ██████	Swamps and wet woods.
9048	<i>Hydrolea uniflora</i>	One-flower Fiddleleaf	G5	S1	E		1970-09-04	M	H	██████ ██████	Paducah, ██████ ██████████████████ ██████	Swampy woodlands, pond and slough margins, wet ditches.
7374	<i>Hypericum adpressum</i>	Creeping St. John's-wort	G3	SH	H	SOMC	1968-06-15	M	H	██████ ██████	Bloom Avenue ██████ ██████████████████ ██████	Marshes, shores, wet meadows, swales and ditches.
5417	<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	G4	S2	S		1951-	M	H	██████ ██████	Ohio River at Metropolis, Illinois.	Moderate-size creeks, large rivers, and reservoirs. Substrate consists of gravel and rubble with areas of sand and silt. Larvae require clear streams with stable bars of silt, sand and organic detritus (Becker 1983, Pflieger 1975, Rohde and Lanteigne-Cour
3392	<i>Ictiobus niger</i>	Black Buffalo	G5	S3	S		1996-07	S	D	██████ ██████	MASSAC CREEK ██████ ██████████████████	Reservoirs and medium to large rivers with moderate to low gradient and sometime swift current (Becker 1983, Pflieger 1975, Smith 1979, Trautman 1981, and Burr and Warren 1986).
6615	<i>Ictiobus niger</i>	Black Buffalo	G5	S3	S		1997-09-30	M	D	██████ ██████	OHIO RIVER NEAR MASSAC CREEK.	Reservoirs and medium to large rivers with moderate to low gradient and sometime swift current (Becker 1983, Pflieger 1975, Smith 1979, Trautman 1981, and Burr and Warren 1986).



**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
2532	<i>Lampsilis abrupta</i>	Pink Mucket	G2	S1	E	LE	1907-	G	H	██████ ██████	TENNESSEE RIVER "PROBABLY NEAR PADUCAH".	Large rivers in habitats ranging from silt to boulders, but apparently more commonly from gravel and cobble. Collected from shallow and deep water with current velocity ranging from zero to swift (Ahlstedt 1983, Bogan and Parmalee 1983, Buchanan 1980), bu
3435	<i>Lampsilis ovata</i>	Pocketbook	G5	S1	E		2016-12	M	H	██████ ██████	Tenn R at mouth.	Considered a large river species (Clench and Van Der Schalie 1944, Parmalee 1967, Stansbery 1976), but occurs in medium-sized streams in gravel, sand, or even mud (Parmalee 1967, Johnson 1970, Gordon and Layzer 1989). In the Lower Wabash and Ohio Rivers s
5398	<i>Lampsilis ovata</i>	Pocketbook	G5	S1	E		1954-06-30	G	H	██████ ██████	OHIO RIVER BETWEEN METROPOLIS AND JOPPA ██████████ ██████████).	Considered a large river species (Clench and Van Der Schalie 1944, Parmalee 1967, Stansbery 1976), but occurs in medium-sized streams in gravel, sand, or even mud (Parmalee 1967, Johnson 1970, Gordon and Layzer 1989). In the Lower Wabash and Ohio Rivers s
14618	<i>Lampsilis ovata</i>	Pocketbook	G5	S1	E		2015-10-01	S	E	██████ ██████	149A: Ohio River, ██████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████ ████████████████████	Considered a large river species (Clench and Van Der Schalie 1944, Parmalee 1967, Stansbery 1976), but occurs in medium-sized streams in gravel, sand, or even mud (Parmalee 1967, Johnson 1970, Gordon and Layzer 1989). In the Lower Wabash and Ohio Rivers s

**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USESA	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
12983	<i>Lioplax sulculosa</i>	Furrowed Lioplax	G5	S3S4	S		2009-12-20	M	E	██████ ██████	Ohio River, McCracken/Livingston County: ██████ ██████	This species can be found burrowed in clean sandy substrates along flow margin (R. Evans, unpublished observations), large substrates in areas of flow (Clench and Turner, 1955), and muddy reaches of slow-moving streams (Goodrich and van der Schalie, 1944)
4294	<i>Lithasia geniculata</i>	Ornate Rocksnail	G3Q	S1	S	SOMC	1978-	M	H	██████ ██████	TENNESSEE RIVER █ █	Occurs in small to large perennial-flowing Cumberlandian streams with good oxygenation and a bottom substrate of gravel or rocks; found in mid-channel, flowing habitats (Clarke, 1981).
5644	<i>Lota lota</i>	Burbot	G5	S2	S		1983-03	M	D	██████ ██████	Ohio River near Paducah.	Kentucky specimens generally come from medium to large-size rivers. In the north, they inhabit cool, large and deep rivers and lakes (Becker 1983, Pflieger 1975, Scott and Crossman 1973, Smith 1979, Trautman 1981).
7471	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S2	T	SOMC	1990-pre	M	H	██████ ██████	██████ ██████ Ohio River.	Floodplain sloughs, backwater areas of larger rivers, impoundments. Seems to prefer muddy substrate with dark retreats including muskrat and beaver dens, logs, or sheltering vegetation.
7807	<i>Malus angustifolia</i>	Southern Crabapple	G5?	S3S4	N		1972-04-23	S	H	██████ ██████	██████████████████ ██████████████████, PADUCAH.	OPEN DRY - MESIC WOODS AND THICKETS.
3219	<i>Menidia beryllina</i>	Inland Silverside	G5	S2	T		1991-09-17	M	C	██████ ██████	OHIO RIVER AT PADUCAH.	Schooling surface fish that occurs in the Mississippi River and floodplain lakes (Burr and Warren 1986, Etnier and Starnes 1993).

**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
11660	<i>Menidia beryllina</i>	Inland Silverside	G5	S2	T		2000-08-09	G	E	██████ ██████	Ohio River, Livingston/McCracken Co: Pool 52.	Schooling surface fish that occurs in the Mississippi River and floodplain lakes (Burr and Warren 1986, Etnier and Starnes 1993).
3631	<i>Muhlenbergia glabrifloris</i>	Hair Grass	G4?	S2S3	S		1977-09-21	M	H	██████ ██████	Along Metropolis Ferry Road, ██████.	Muhlenbergia glabrifloris tends to occur in areas of repeated disturbance. It occurs in two very different habitat types: on dry or baked soils, prairies, gravels, and rocky slopes, generally at the edges of forests; or in wet, bottomland woods and at marsh edges.
11497	<i>Myotis austroriparius</i>	Southeastern Myotis	G4	S1S2	E	SOMC	1993-07-26	S	E	██████ ██████	Paducah; ██████ ██████ ██████ ██████.	Primarily uses caves for hibernacula and uses caves, bridges, and hollow trees as summer maternity and roosting sites.
11491	<i>Myotis sodalis</i>	Indiana Bat	G2	S1S2	E	LE	1993-07-25	S	E	██████ ██████	Paducah, ██████ ██████ ██████ ██████.	Primarily use caves for hibernacula, although they are occasionally found in old mine portals. During summer, colonies are found behind slabs of exfoliating bark of dead trees, often in bottomland or floodplain habitats, but also in upland situations.
3836	<i>Nycticeius humeralis</i>	Evening Bat	G5	S3	S		2001-06-01	S	E	██████ ██████	Perkins Creek Natural Area, ██████ ██████ ██████.	The evening bat is a colonial species that roosts in trees and houses. It apparently migrates southward in winter.
8213	<i>Obovaria retusa</i>	Ring Pink	G1	S1	E	LE	1907-08-15	M	H	██████ ██████	Tenn R at mouth.	Large river species that inhabits gravel and sand bars (Bogan and Parmalee 1983, Goodrich and Van Der Schalie 1944, Neel and Allen 1964, Stansbery 1976).
11273	<i>Papaipema sp. 5</i>	Rare Cane Borer Moth	G1G2	S1S2	T		200--10	G	C?		Sensitive Element - Contact KSNPC	

**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
14398	<i>Phalaris caroliniana</i>	May Grass	G5?	S2?	N		1972-06-03	S	E	██████ ██████	Edge of Illinois Central Railroad yards on Pool Road.	DITCHES AND WET, SANDY, OPEN FIELDS.
14399	<i>Phalaris caroliniana</i>	May Grass	G5?	S2?	N		1971-09-08	S	E	██████ ██████	Paducah, 70 ██████	DITCHES AND WET, SANDY, OPEN FIELDS.
5998	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	G1	S1	E	LE	1931-08	M	H	██████ ██████	Tenn R at Paducah.	Usually found in large rivers in sand and gravel substrates (Ahlstedt 1983, Bogan and Parmalee 1983, Miller, A.C. et al. 1986).
14619	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	G1	S1	E	LE	2015-10-01	S	E	██████ ██████	Ohio River, ██████ ██████████████████ ██████████████████ ██████████████████ ██████████████████	Usually found in large rivers in sand and gravel substrates (Ahlstedt 1983, Bogan and Parmalee 1983, Miller, A.C. et al. 1986).
1307	<i>Plethobasus cyphus</i>	Sheepnose	G3	S1	E	LE	1954-06-30	G	H	██████ ██████	Ohio River between Metropolis and Joppa.	Usually found in large rivers in current on mud, sand, or gravel bottoms at depth of 1-2 meters or more (Baker 1928, Parmalee 1967, Gordon and Layzer 1989).
4956	<i>Plethobasus cyphus</i>	Sheepnose	G3	S1	E	LE	1980-09-27	M	H	██████ ██████	OHIO RIVER, NEAR MASSAC RIVER ██████	Usually found in large rivers in current on mud, sand, or gravel bottoms at depth of 1-2 meters or more (Baker 1928, Parmalee 1967, Gordon and Layzer 1989).
14571	<i>Plethobasus cyphus</i>	Sheepnose	G3	S1	E	LE	2016-05-11	S	E	██████ ██████	Tennessee River, ██████ ██████████████████ ██████████████████	Usually found in large rivers in current on mud, sand, or gravel bottoms at depth of 1-2 meters or more (Baker 1928, Parmalee 1967, Gordon and Layzer 1989).
7345	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	G2G3	S1	E	SOMC	1931	M	H	██████ ██████	Tenn R at Paducah.	Inhabits medium to large rivers and usually occurs in sand or gravel bottoms in deep waters (Ahlstedt 1984, Murray and Leonard 1962, Parmalee et al. 1982).



**Standard Occurrence Report**  
**KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
3034	<i>Potamilus capax</i>	Fat Pocketbook	G2	S1	E	LE	2015-11-13	S	E	██████ ██████	Ohio River, McCracken County: ██████ ██████	Occurs in medium to large-sized rivers often around island and back channels, and sometimes in ditches, in mud (ooze); mixed sand, mud, and clay; or fine silt and mud in flowing water at depths of a few inches up to eight feet (Parmalee 1967, Ahlstedt and
14569	<i>Potamilus capax</i>	Fat Pocketbook	G2	S1	E	LE	2016-06-7/8	S	E	██████ ██████	Ohio River, ██████ ██████ ██████	Occurs in medium to large-sized rivers often around island and back channels, and sometimes in ditches, in mud (ooze); mixed sand, mud, and clay; or fine silt and mud in flowing water at depths of a few inches up to eight feet (Parmalee 1967, Ahlstedt and
6381	<i>Prenanthes aspera</i>	Rough Rattlesnake-root	G4?	S1	E		1976-08-31	M	X?	██████ ██████	Bryant-Ford Road from US 68 ██████ ██████.	Dry prairies and barrens, limestone glades, dry, open rocky woods. usually in acid soils.
2277	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	G4T4	S3	S		1963-03-15	M	H	██████ ██████	Along ICRR tracks and US 60/62 beltline ██████ ██████	Breeds in ponds in farmland and edge. Remains underground throughout most of the year, using crayfish burrows in moist grasslands and meadows.
5308	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	G4T4	S3	S		1964-03-13	M	H	██████ ██████	0.1 mi W of West Paducah.	Breeds in ponds in farmland and edge. Remains underground throughout most of the year, using crayfish burrows in moist grasslands and meadows.
9858	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	G4T4	S3	S		1964-03-07	S	H	██████ ██████	US 62, ██████ ██████.	Breeds in ponds in farmland and edge. Remains underground throughout most of the year, using crayfish burrows in moist grasslands and meadows.
4537	<i>Riparia riparia</i>	Bank Swallow	G5	S3B	S		1980-06-03	S	C	██████ ██████	Ohio River bank, ██████ ██████ ██████.	Open and partly open situations, frequently near flowing water (B83COM01NA).

**Standard Occurrence Report  
KSNPC monitored species within 1 Feet of Project Area**

EO ID	Scientific Name	Common Name	GRank	SRank	SPROT	USES A	Last Obs Date	Precision	EO Rank	Lat / Lon	Directions	Habitat
4486	<i>Satyrium favonius ontario</i>	Northern Oak Hairstreak	G4G5T4	S2	S		1976-05-30	G	H	██████ ██████	██████████ CA 9.7 KM SW OF PADUCAH.	This species is found in woods or edges with evergreen or deciduous oaks (Opler and Malikul 1992). Main habitat requirements are black jack oak ( <i>Quercus marilandica</i> ) and a nectar source such as farkleberry ( <i>Vaccinium arboretum</i> ) or dogbane (
7505	<i>Tyto alba</i>	Barn Owl	G5	S3	S		1991	G	E	██████ ██████	NE block of quad.	Open and partly open country in a wide variety of situations, often around human habitation (B83COM01NA). In northern winter often roosts in dense conifers; also roosts in nest boxes if available (A85MAR01NA).
11132	<i>Tyto alba</i>	Barn Owl	G5	S3	S		2004-05-14	S	E	██████ ██████	Circa 1.0 air mi NW of Massac, ██████████ ██████████.	Open and partly open country in a wide variety of situations, often around human habitation (B83COM01NA). In northern winter often roosts in dense conifers; also roosts in nest boxes if available (A85MAR01NA).

**Critical Habitats within 1 Feet of Project Area**

Critical Habitat Name	Unit Name	Subunit Name	Federal Register Link
Rabbitsfoot	Ohio River	Ohio River	<a href="https://www.gpo.gov/fdsys/pkg/FR-2015-04-30/pdf/2015-09200.pdf#page=26">https://www.gpo.gov/fdsys/pkg/FR-2015-04-30/pdf/2015-09200.pdf#page=26</a>
Rabbitsfoot	Tennessee	Tennessee	<a href="https://www.gpo.gov/fdsys/pkg/FR-2015-04-30/pdf/2015-09200.pdf#page=26">https://www.gpo.gov/fdsys/pkg/FR-2015-04-30/pdf/2015-09200.pdf#page=26</a>

**Managed Areas within 1 Feet of Project Area**

MA ID	Managed Area Name	Unit Type	Owner Name	Managing Institution
557	Clarks River National Wildlife Refuge	Natl Wildlife Refuge	US Fish and Wildlife Service	US Fish and Wildlife Service
255	Clarks River National Wildlife Refuge Acquisition Boundary	Natl Wildlife Refuge Bndy	US Fish and Wildlife Service	US Fish and Wildlife Service

**Managed Areas within 1 Feet of Project Area**

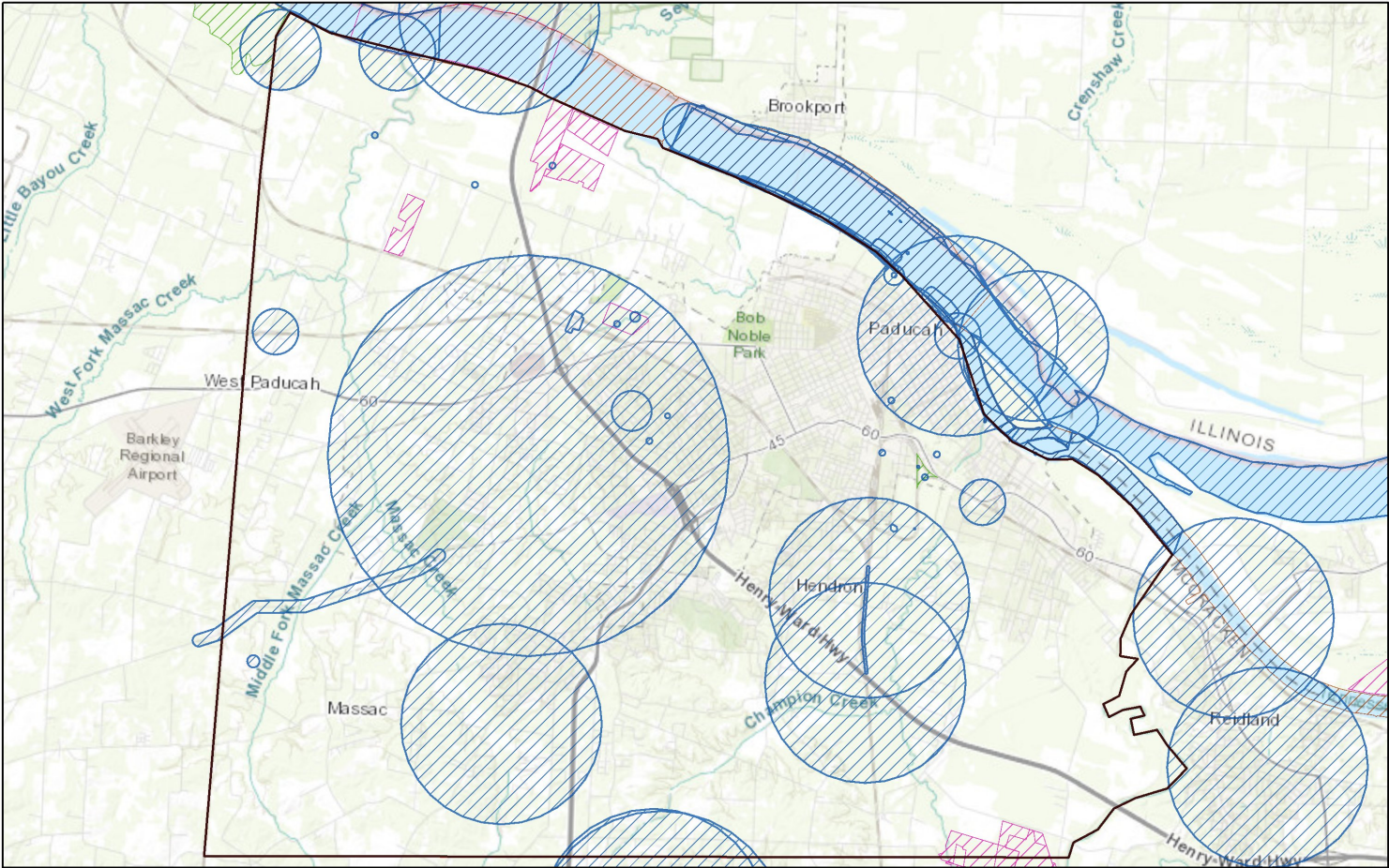
<b>MA ID</b>	<b>Managed Area Name</b>	<b>Unit Type</b>	<b>Owner Name</b>	<b>Managing Institution</b>
526	<i>NRCS Wetland Reserve Program (30-Year Easement)</i>	Wetland Reserve Program		USDA Natural Resource Conservation Service
527	<i>NRCS Wetland Reserve Program (Permanent Easement)</i>	Wetland Reserve Program		USDA Natural Resource Conservation Service
220	<i>Ohio River (RM 940.7 to 943.3) Outstanding Resource Water</i>	Outstanding Resource Water	Private Individual	Division of Water
609	<i>Perkins Creek Nature Preserve</i>	Local Park/Preserve	City of Paducah	

**Conservation Sites within 1 Feet of Project Area**

<b>Site ID</b>	<b>Site Name</b>
331	<i>Metropolis Lake</i>
528	<i>Zip Track</i>

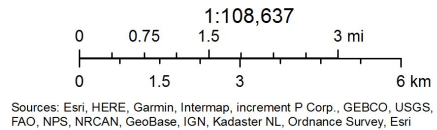
THESE DATA ARE VALID ONLY ON THE DATE ON WHICH THE REPORT WAS GENERATED.  
 THESE DATA MAY ONLY BE USED FOR THE PROJECT NAMED ABOVE.

# Paducah Sann Urban Area Study



June 15, 2018

- |                           |                         |
|---------------------------|-------------------------|
| Project Boundary          | USFWS Critical Habitats |
| Buffered Project Boundary | Managed Areas           |
| Element Occurrences       | Conservation Sites      |





## **ATTACHMENT 2**

### **HAZARDOUS MATERIALS CONCERNS**

- Table 2: Paducah SUA HazMat Sites
- Table 3: Paducah SUA UST Sites
- Table 4: Paducah SUA KDWM Sites

Table 2. Paducah SUA HazMat Sites

NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	database
13th & Park Ave Pet-Tro	110003246470	1250 PARK AVENUE	PADUCAH	KY	42001	RCRA Info
Advance Transportation Inc.	110003240127	836 NORTHVIEW	PADUCAH	KY	42002	RCRA Info
Agrium Us Inc	110013883324	110 LOCUST DR	PADUCAH	KY	42003-0144	ICIS-AIRS
Air Products And Chemicals, Inc.	110003238452	2020 NORTH TENTH STREET	PADUCAH	KY	42001	RCRA Info
Airgas Usa, Llc	110060260480	500 BETHEL STREET	PADUCAH	KY	42003	TRI
Amtrol Incorporated	110013907282	3200 BULLARD ST	PADUCAH	KY	42003	ICIS-AIRS, RCRA Info, TRI
Aspen Dental	110043192853	5183 HINKLEVILLE ROAD	PADUCAH	KY	42001	RCRA Info
Bed Bath And Beyond #1062	110045408439	5187 HINKLEVILLE ROAD	PADUCAH	KY	42001	RCRA Info
Bellsouth Telecommunications	110003243516	810 KENTUCKY AVENUE	PADUCAH	KY	42003-1722	RCRA Info
Bellsouth Telecommunications, Inc.	110003239442	1200 OLD MAYFIELD ROAD	PADUCAH	KY	42001	RCRA Info
Beltline Pet-Tro	110003244855	3421 SOUTH BELTLINE	PADUCAH	KY	42002	RCRA Info
Bert-Well Industries Inc	110002108585	4150 CAIRO RD	PADUCAH	KY	42001	TRI
Big Lots #1089	110067269440	3200 IRVIN COBB DRIVE	PADUCAH	KY	42003	RCRA Info
Breely'S #1a	110003246489	526 NORTH 32ND STREET	PADUCAH	KY	42001	RCRA Info
Bridge #1	110003245890	1946 BRIDGE ST	PADUCAH	KY	42001	RCRA Info
Bridge St Sunoco	110003249477	1700 BRIDGE ST	PADUCAH	KY	42001	RCRA Info
Brockwell Property	110022923247	2731 JACKSON ST	PADUCAH	KY	42001	RCRA Info
Browning Ferris Industries	110003240323	2633 NORTH 10TH STREET	PADUCAH	KY	42001-7439	RCRA Info
Browns Plating Service	110000379938	1010 KREBS STATION RD.	PADUCAH	KY	42003	BR-Biennial Reporting, ICIS-AIRS, RCRA Info, TRI
Ceeco Environmental Services Llc	110009574576	1814 SOUTH 4TH ST.	PADUCAH	KY	42003	RCRA Info
Celebrity Freight	110003221344	3047 JACKSON ST	PADUCAH	KY	42003-4500	RCRA Info
Cfl Properties, Llc -Cardinal Point Bp	110003246498	800 JOE CLIFTON DR	PADUCAH	KY	42001	RCRA Info
Chemical Packaging Corp	110000379947	933 WALTER JETTON BLVD	PADUCAH	KY	42001	TRI
Chemical Packaging Corp	110000379983	300 STATE ST	PADUCAH	KY	42003	TRI
Classic Cleaners	110003229499	2951 LONE OAK ROAD	PADUCAH	KY	42003	RCRA Info
Classic Cleaners #160	110003229471	2125 BROADWAY	PADUCAH	KY	42001-7109	ICIS-AIRS, RCRA Info
Columbia Theatre	110070004404	510 BROADWAY	PADUCAH	KY	42001	ACRES-Brownfields
Cnc Plating	110001308200	1433 N. EIGHTH STREET	PADUCAH	KY	42001	RCRA Info
Coastal Mart Inc	110012186179	2535 JACKSON STREET	PADUCAH	KY	42003	RCRA Info
Containment Systems Inc	110001229144	921 MONROE ST	PADUCAH	KY	42001-1843	ICIS-AIRS, RCRA Info
Con-Way Freight Xma	110006754887	5139 CHARTER OAK DR	PADUCAH	KY	42001	RCRA Info
Custom Fuel Services Llc	110021009004	1810 S 4TH ST	PADUCAH	KY	42003	RCRA Info
Custom Fuel Services, Inc.	110024556844	1 WASHINGTON STREET	PADUCAH	KY	42003	RCRA Info
Cvs Pharmacy #2586	110046087569	3001 LONE OAK ROAD	PADUCAH	KY	42003	BR-Biennial Reporting, RCRA Info
Cvs Pharmacy #6376	110046087435	538 LONE OAK ROAD	PADUCAH	KY	42003	BR-Biennial Reporting, RCRA Info
Cvs Pharmacy #6379	110044971812	3275 IRVIN COBB DR. STE A	PADUCAH	KY	42003	BR-Biennial Reporting, RCRA Info
Davis Transport Inc.	110003218571	1345 SOUTH 4TH STREET	PADUCAH	KY	42003	RCRA Info
Dick'S Sporting Goods #696	110060287531	5101 HINKLEVILLE ROAD SUITE 600	PADUCAH	KY	42001	RCRA Info
Diesel Power, Inc.	110003226330	2025 WAYNE SULLIVAN DR.	PADUCAH	KY	42002	RCRA Info
Dollar General #2095	110070207812	2838 PARK AVE	PADUCAH	KY	42001	RCRA Info
Dollar General Store ##12746	110059772580	613 SOUTH THIRD ST	PADUCAH	KY	42003	RCRA Info
Dollar General Store #2095	110059771251	836 JOE CLIFTON DR	PADUCAH	KY	42001	RCRA Info
Dollar General Store #2115	110059771260	3300 IRVIN COBB DR	PADUCAH	KY	42003	RCRA Info
Dollar General Store #3691	110059770573	3440 LONE OAK ROAD	PADUCAH	KY	42003	RCRA Info
Dollar General Store #7770	110059772045	5280 US HWY 60 WEST	PADUCAH	KY	42001	RCRA Info
Dollar Tree #01940	110067551161	501 LONE OAK ROAD SUITE A	PADUCAH	KY	42001	RCRA Info

Table 2. Paducah SUA HazMat Sites

NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	database
Dollar Tree #03318	110067550910	2929 JAMES SANDERS BLVD SUITE A	PADUCAH	KY	42001	RCRA Info
Dollar Tree #07302	110070207815	3095 IRVIN COBB DR	PADUCAH	KY	42003	RCRA Info
Drew Marketing Company Inc.	110003218955	210 BROWN STREET	PADUCAH	KY	42001	RCRA Info
E M Bailey Dist Bldg	110003247031	1000 S 8TH ST	PADUCAH	KY	42002	RCRA Info
Evergreen Services Llc - Oak Grove Cemet	110044956358	1613 PARK AVE	PADUCAH	KY	42001	ICIS-AIRS
Excell Marine Corporation	110016720422	501 VIRGINIA ST	PADUCAH	KY	42003	RCRA Info
Family Dollar	110045515858	165 S 13TH ST	PADUCAH	KY	42001	RCRA Info
Family Dollar #10081	110063691928	2931 LONE OAK ROAD	PADUCAH	KY	42003	RCRA Info
Family Dollar #3973	110063692240	715 JOE CLIFTON DR	PADUCAH	KY	42001	RCRA Info
Family Dollar #6321	110003244944	2197 BRIDGE ST	PADUCAH	KY	42003	RCRA Info
Federal Materials Company, Inc	110001308193	2425 WAYNE SULLIVAN DRIVE	PADUCAH	KY	42003	ICIS-AIRS
First American Recovery & Recycle	110003246103	1114 MARKHAM AVENUE	PADUCAH	KY	42003-3416	RCRA Info
First American Recovery & Recycle Inc	110037391355	535 THEOBALD LN	PADUCAH	KY	42003	RCRA Info
First Recovery	110008369112	2000 MEYERS STREET	PADUCAH	KY	42003	RCRA Info
Gander Mountain #390	110055445237	3240 JAMES SANDER BLVD	PADUCAH	KY	42001	RCRA Info
Ge Betz, Inc	110031438095	3542 LOVELACE ROAD #2	PADUCAH	KY	42001	RCRA Info
Goodyear Auto Service Center	110003233867	600 JEFFERSON	PADUCAH	KY	42001	RCRA Info
Greenwood Motorlines DbA R&L Carriers	110064656778	5301 CAIRO ROAD	PADUCAH	KY	42001	RCRA Info
H T Hackney Co	110003256832	3000 SHELBOURNE	PADUCAH	KY	42003	RCRA Info
H. B. Fuller Co.	110000379956	5000 CHARTER OAK DR.	PADUCAH	KY	42001-9194	ICIS-AIRS, RCRA Info, TRI, TSCA
Hadfield Standard Service	110003234508	2246 BRIDGE STREET	PADUCAH	KY	42001	RCRA Info
Hannan Supply Company	110003240911	1565 NORTH 8TH STREET	PADUCAH	KY	42002-0270	RCRA Info
Hawley Products Inc	110001129314	1567 N. 8TH ST.	PADUCAH	KY	42001-7405	ICIS-AIRS, RCRA Info, TRI
Henry A. Petter Supply Company	110000834535	117 SOUTH FIRST STREET	PADUCAH	KY	42001	RCRA Info
Home Depot #Hd2314	110018892616	2801 JAMES SANDERS RD	PADUCAH	KY	42001	RCRA Info
Hot Rudy'S Standard Station	110022476373	6TH AND BROAD ST	PADUCAH	KY	42003	RCRA Info
Housing Authority Of Paducah	110003223761	2330 OHIO STREET	PADUCAH	KY	42003-3967	RCRA Info
Hultman Inc	110039601419	2500 WAYNE SULLIVAN DR	PADUCAH	KY	42003	ICIS-AIRS
Illinois Central Railroad Inc	110008373081	CHILES DERAILMENT	PADUCAH	KY	42003	RCRA Info
Image Graphics Inc	110044940375	2701 WAYNE SULLIVAN DR	PADUCAH	KY	42003	RCRA Info
Industrial Uniform Sales	110006015212	5171 HIGHWAY 60	PADUCAH	KY	42001	RCRA Info
Infiniti Plastic Tech	110044956376	5400 COMMERCE DR	PADUCAH	KY	42001	ICIS-AIRS
Ingram Barge Company-Custom Fuel Services	110031295328	900 SOUTH 3RD STREET	PADUCAH	KY	42003-1618	RCRA Info
James Sanders Nursery	110003244846	4123 SCHNEIDMAN RD	PADUCAH	KY	42002	RCRA Info
Jim Smith Contracting Co Llc - Jimar Paving	110013835537	4100 CLARKS RIVER ROAD	PADUCAH	KY	42001	ICIS-AIRS
Johnnie Griffith'S	110003250963	823 OAKS RD	PADUCAH	KY	42003	RCRA Info
Jsc Terminal Llc (DbA Midwest Terminal)	110003226624	725 NORTH 5TH STREET	PADUCAH	KY	42001-1086	RCRA Info, TRI
Jsc Terminal Llc (DbA Midwest Terminal)	110003226624	725 NORTH 5TH STREET	PADUCAH	KY	42001-1086	RCRA Info, TRI
Kimbro'S Citgo	110003244766	583 LONE OAK RD	PADUCAH	KY	42002	RCRA Info
Kmart #3103	110003246602	2440 LONE OAK RD	PADUCAH	KY	42003	RCRA Info
Kotter Ready Mix	110006755369	5800 US HWY 60 W	PADUCAH	KY	42001-9087	ICIS-AIRS
Kraft Foodservice, Inc.	110003241064	1350 NORTH 10TH STREET	PADUCAH	KY	42002	RCRA Info
Kroger 250	110037390775	501 LONE OAK ROAD	PADUCAH	KY	42003-4576	RCRA Info
Kroger 338	110037390784	3275 IRVIN COBB DRIVE	PADUCAH	KY	42003-0338	RCRA Info
Kroger 414	110037390793	3141 PARK AVE.	PADUCAH	KY	42001	RCRA Info
Ky Department Of Highways	110043230759	2000 LANE ROAD	PADUCAH	KY	42003	RCRA Info

Table 2. Paducah SUA HazMat Sites

NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	database
Ky Ntl Guard-Om Shop#12	110003229033	1800 CLARK STREET	PADUCAH	KY	42003-2803	RCRA Info
Kytc - Mccracken Maintenance	110044956367	2000 LANE RD	PADUCAH	KY	42003	ICIS-AIRS
Lafarge North America	110039601428	1625 BELL ST	PADUCAH	KY	42003	ICIS-AIRS
Lepaul Service Station #51	110003231271	3215 CLARKS RIVER ROAD	PADUCAH	KY	42001	RCRA Info
Lone Star Industries Inc	110001308175	1816 WAYNE SULLIVAN	PADUCAH	KY	42003-1447	ICIS-AIRS
Lourdes Hospital	110013835500	1530 LONE OAK ROAD	PADUCAH	KY	42003-7900	ICIS-AIRS, RCRA Info
Lowes	110037391783	3131 IRVIN COBB DRIVE	PADUCAH	KY	42003-0308	RCRA Info
Lowe'S Companies #465	110022437763	5176 HINKLEVILLE RD	PADUCAH	KY	42001	RCRA Info
M & M Cleaners	110003235767	2813 LONE OAK ROAD	PADUCAH	KY	42003-8032	ICIS-AIRS, RCRA Info
Marine Systems Inc	110003252293	3880 INDUSTRIAL DR	PADUCAH	KY	42001	RCRA Info
Marine Systems, Inc.	110018891788	4036 CLARKS RIVER RD	PADUCAH	KY	42003	RCRA Info
Mccracken County Eoc Building	110003244659	3700 COLEMAN RD	PADUCAH	KY	42001	RCRA Info
Mercer'S Citgo Service	110003242474	1761 KENTUCKY AVENUE	PADUCAH	KY	42001	RCRA Info
Mid-Western Commercial Roofers, Inc.	110003228178	2235 IRVIN COBB DRIVE	PADUCAH	KY	42001	RCRA Info
Murtco Inc	110003244739	815 ABELL STREET	PADUCAH	KY	42003-0168	RCRA Info
National Maintenance & Repair Of Kentucky Inc	110032987472	4350 CLARKS RIVER RD	PADUCAH	KY	42002	RCRA Info
National Maintenance And Repair Of Kentu	110031413021	501 VIRGINIA STREET	PADUCAH	KY	42003-0513	RCRA Info
Nes Rebuild Center, Inc.	110003256486	3885 COLEMAN ROAD	PADUCAH	KY	42001-5219	RCRA Info
Nre Acquisition Co Llc (Dba Vmv Paducahbilt)	110000379992	1300 KENTUCKY AVENUE	PADUCAH	KY	42003-1979	BR-Biennial Reporting, ICIS-AIRS, RCRA Info, TRI
Ohio Valley Gravel & Sand Co Inc	110006529391	205 POTTER LANE	PADUCAH	KY	42001-8792	ICIS-AIRS
Old Mayfield Rd Minit Mart	110003245765	3001 SCHNEIDMAN RD	PADUCAH	KY	42001	RCRA Info
O'Reilly Auto Parts Store 1036	110064381529	2920 JACKSON STREET	PADUCAH	KY	42003	RCRA Info
Outdoor Communications Inc.	110003235829	875 H.C. MATHIS DRIVE	PADUCAH	KY	42001	RCRA Info
Owen Cleaners Inc	110003230325	1021 KENTUCKY AVE	PADUCAH	KY	42003	RCRA Info
Owen Cleaners Inc	110003255094	2858 LONE OAK RD	PADUCAH	KY	42003	RCRA Info
P & F Transport Inc.	110003228043	4223 PINES ROAD	PADUCAH	KY	42001	RCRA Info
Paducah & Louisville Railway, Inc.	110003220265	1500 KENTUCKY AVE.	PADUCAH	KY	42003	RCRA Info
Paducah And Louisville Railway, Inc.	110070207828	3700 STARNES	PADUCAH	KY	42003	RCRA Info
Paducah Area Vocational Ctr.	110003226704	2400 ADAMS STREET	PADUCAH	KY	42003-3299	RCRA Info
Paducah Country Club (Westwood)	110003244873	270 COUNTRY CLUB LANE	PADUCAH	KY	42002	RCRA Info
Paducah Development Corporation	110009573666	933 WALTER JETTON BOULEVARD	PADUCAH	KY	42002	RCRA Info
Paducah Federal Building & Courthouse	110003216617	501 BROADWAY	PADUCAH	KY	42001-6856	RCRA Info
Paducah Ford	110003226973	937 JEFFERSON STREET	PADUCAH	KY	42001	RCRA Info
Paducah Ford Inc	110003254326	3476 PARK AVE	PADUCAH	KY	42003	RCRA Info
Paducah Marine Ways Inc	110003221013	101 WASHINGTON ST	PADUCAH	KY	42001	RCRA Info
Paducah Mccracken Co Riverport Authority	110001308184	200 WAYNE SULLIVAN DR	PADUCAH	KY	42002-2302	ICIS-AIRS
Paducah One Hour Cleaners	110003230432	524 BROADWAY	PADUCAH	KY	42001	RCRA Info
Paducah Power System	110003234456	1400 BROADWAY	PADUCAH	KY	42002	RCRA Info
Paducah Power Systems Plant 1	110040573484	4801 SCHNEIDMAN ROAD	PADUCAH	KY	42003	ICIS-AIRS
Paducah Quik Chek	110003244819	1024 SOUTH 21ST STREET	PADUCAH	KY	42002	RCRA Info
Paducah Water Works	110000543939	1800 NORTH 8TH STREET	PADUCAH	KY	42001-1753	RCRA Info
Paducah, City Of	110003256645	1120 N 10TH ST	PADUCAH	KY	42001	RCRA Info
Park Ave Inc.	110003222995	3235 PARK AVE	PADUCAH	KY	42001	RCRA Info
Park Avenue Pet-Tro	110003244837	3147 PARK AVENUE	PADUCAH	KY	42002	RCRA Info
Paschall Truck Lines Inc.	110009574503	5000 CHARTER OAK DRIVE	PADUCAH	KY	42001	RCRA Info
Paul King Auto Sales	110003245907	3301 OLD BENTON RD	PADUCAH	KY	42001	RCRA Info



Table 2. Paducah SUA HazMat Sites

NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	database
Paxton Park Golf Course	110003244828	841 BERGER ROAD	PADUCAH	KY	42002	RCRA Info
Pebco Inc	110039601393	3885 COLEMAN RD	PADUCAH	KY	42001	ICIS-AIRS
Petty Oil Company	110003244098	1703 IRVIN COBB DR	PADUCAH	KY	42001	RCRA Info
Plaza Tire	110003250981	3007 LONE OAK RD	PADUCAH	KY	42003	RCRA Info
Ppg Architectural Finishes, Inc, - Ppg Paints Store #9	110069634532	705 KENTUCKY AVE	PADUCAH	KY	42001	RCRA Info
Precision Machine Shop, Ltd.	110003222174	1231 SOUTH 3RD STREET	PADUCAH	KY	42001	RCRA Info
Purcell Tire Company	110008362645	6TH & JEFFERSON	PADUCAH	KY	42001	RCRA Info
Randells Citgo	110003244935	3200 BROADWAY	PADUCAH	KY	42002	RCRA Info
Randy'S Body Shop	110003222067	1225 BROADWAY	PADUCAH	KY	42001	RCRA Info
Randy'S Body Shop Inc.	110003217787	1008 KENTUCKY AVENUE	PADUCAH	KY	42003-1954	BR-Biennial Reporting, RCRA Info
Redline Racing & Restoration Inc	110012170587	1031 BROWN ST	PADUCAH	KY	42003	ICIS-AIRS
River Metals Recycling Llc - Paducah	110039078388	4265 MOODY ROAD	PADUCAH	KY	42001-9176	RCRA Info
Royal Oaks Chevrolet-Cadillac Inc.	110003223011	3417 PARK AVENUE	PADUCAH	KY	42002-9550	RCRA Info
Rp Auto , Llc Db a Rp Customs & Restoration	110003231128	860 NORTH HC MATHIS DR	PADUCAH	KY	42001	RCRA Info
Rtd Industries, Inc.	110003235712	1397 IRVIN COBB DRIVE	PADUCAH	KY	42001	RCRA Info
Sam'S Club #6449	110043544590	3550 JAMES SANDERS BLVD	PADUCAH	KY	42001	RCRA Info
Sears #2176	110003245532	5101 HINKLEVILLE RD	PADUCAH	KY	42001	RCRA Info
Secure Energy Paducah Gasification Plant	110044302769	7350 NOBLE RD	WEST PADUCAH	KY	42086	ICIS-AIRS
Shell Oil Co Paducah Plant	110003220167	2300 MYERS STREET	PADUCAH	KY	42001	RCRA Info
Sherwin Williams Co	110003225732	1240 BROADWAY	PADUCAH	KY	42001	RCRA Info
Sisteel Corp	110003235598	2565 CAIRO ROAD	PADUCAH	KY	42001-9094	RCRA Info
Southern Waste Services Inc	110031367385	3340 COLEMAN RD	PADUCAH	KY	42001	RCRA Info
Steve Garrett Property	110008367882	ROGERS ROAD	HARDMONEY	KY	42003	RCRA Info
Sunline Incorporated	110006363014	4960 FUTRELL RD	PADUCAH	KY	42001	ICIS-AIRS
Sunoco Service Station	110006014641	RT 7 BOX 452	PADUCAH	KY	42001	RCRA Info
Superamerica #9535	110008369461	632 LONE OAK RD	PADUCAH	KY	42003	RCRA Info
Superway #3245	110045112720	3245 BENTON RD	PADUCAH	KY	42003	RCRA Info
Sws Environmental Services	110055929009	3845 INDUSTRIAL DRIVE	PADUCAH	KY	42001	RCRA Info
Technology Service Group	110003238390	2400 IRVIN COBB DRIVE	PADUCAH	KY	42003	RCRA Info
T-Mart #531	110031375223	2946 OLD MAYFIELD ROAD	PADUCAH	KY	42001	RCRA Info
T-Mart #535	110003245685	3209 LONE OAK RD	PADUCAH	KY	42003	BR-Biennial Reporting, RCRA Info
Tommy Blair Inc	110003231351	3100 IRVIN COBB DRIVE	PADUCAH	KY	42003-0334	RCRA Info
Transmontaigne - Paducah Terminal	110013847917	1350 S 3RD ST	PADUCAH	KY	42003	ICIS-AIRS, RCRA Info
Transmontaigne Paducah Terminal	110008365205	233 ELIZABETH STREET	PADUCAH	KY	42003-1668	BR-Biennial Reporting, RCRA Info
Trees N Trends Inc	110002108601	3229 OLD BENTON RD	PADUCAH	KY	42003	TRI
Tri State Industrial Services Inc	110003223510	3400 PARK AVE	PADUCAH	KY	42001	RCRA Info
United Parcel Service, Inc.	110003243393	3921 OLD BENTON ROAD	PADUCAH	KY	42001	RCRA Info
Universal Environmental Services, Llc	110024554365	624 4TH STREET	PADUCAH	KY	42003	RCRA Info
Universal Environmental Svcs	110032667754	1401 CALDWELL STREET	PADUCAH	KY	42003-2073	RCRA Info
Us Army Reserve Center	110003220078	500 S. 17TH STREET	PADUCAH	KY	42001	RCRA Info
Usher Transport Inc	110003221861	3925 OLD BENTON RD	PADUCAH	KY	42003	RCRA Info
Vip Cleaners	110003217135	512 NORTH 32ND STREET	PADUCAH	KY	42001	RCRA Info
W H Yancy & Son Inc	110013883280	1853 NORTH 8TH STREET	PADUCAH	KY	42001	ICIS-AIRS
W.W. Grainger, Inc.	110066972903	3160 PARISA DRIVE	PADUCAH	KY	42003	RCRA Info
Wahl'S Excavating	110003239512	917 SOUTH 21ST STREET	PADUCAH	KY	42003-2993	RCRA Info
Wahl'S Launderers And Cleaners, Inc.	110003223002	1002 KENTUCKY AVE.	PADUCAH	KY	42003	RCRA Info

Table 2. Paducah SUA HazMat Sites

NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	database
Walgreens Store #6429	110046438191	521 LONE OAK RD	PADUCAH	KY	42003	RCRA Info
Walgreens Store #9253	110046438057	3360 IRVIN COBB DR	PADUCAH	KY	42003	RCRA Info
Walker Boat Yard Inc.	110000834483	4040 CLARKS RIVER ROAD	PADUCAH	KY	42003-0805	BR-Biennial Reporting, RCRA Info
Walker Midstream Fuel & Service Co	110003225420	532 S 2ND ST	PADUCAH	KY	42001	RCRA Info
Wal-Mart Supercenter #431	110020575625	3220 IRVING COBB DRIVE	PADUCAH	KY	42003	RCRA Info
Wal-Mart Supercenter #491	110020575251	5130 HINKLEVILLE RD	PADUCAH	KY	42001	RCRA Info
Warner Radiator & Air Condition Service	110003242063	700 SOUTH 3RD STREET	PADUCAH	KY	42003	RCRA Info
West Kentucky Community And Technical College	110003226312	4810 ALBEN BARKLEY ROAD	PADUCAH	KY	42001-6774	RCRA Info
Western Baptist Hospital	110029003316	2501 KENTUCKY AVE	PADUCAH	KY	42003	BR-Biennial Reporting, ICIS-AIRS, RCRA Info
Whayne Supply Company Paducah	110000903666	1600 N 8TH ST	PADUCAH	KY	420010000	RCRA Info

Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
20151428	70181	12th Street Garage	120 S 12th St	Paducah	KY	42003 Mark King
6833073	75487	13th Street Station	1250 Park Ave	Paducah	KY	42001 Diana Robertson
20159142	70234	5H Technologies	1646 Kentucky Ave	Paducah	KY	42003 Mary Lynn Johnson
2119073	64941	A & H Truck Line Inc	836 Northview St	Paducah	KY	42001 A & H Truck Line / Advance Transp
1796073	65187	Abandoned Water Plant	221 S 1st	Paducah	KY	42001 Paducah Water Works
6920073	67023	Acety Arc	800 Estelle St	Paducah	KY	42001 Petty Oil Company Inc
9366073	68456	Air Products & Chemicals Inc	2020 N 10th St	Paducah	KY	42001 Air Products & Chemicals Inc
1159073	66210	AmerisourceBergen Drug Co	322 N 3rd St	Paducah	KY	42001 L S Dubois Son & Co Inc
2472073	63433	Ara Smiths Transfer	823 Estelle St	Paducah	KY	42001 John Watt
6916073	67019	B G Waid Const	Roy Lee Rd	Paducah	KY	42001 Petty Oil Company Inc
20151424	70179	Babb Property	801 S 6th	Paducah	KY	42003 A Philip Babb
6799073	59340	Bailey Distributing Co	1000 S 8th St	Paducah	KY	42001 Newcomb Oil Co LLC
20169944	70410	Banks Market	2855 Lone Oak Rd	Paducah	KY	42002 Banks Grocery Co
3874073	3079	Baptist Health Paducah	2501 KY Ave	Paducah	KY	42001 Baptist Healthcare System Inc
4132073	65992	Battery Outlet & Tires	1946 Bridge St	Paducah	KY	42003 Matthew Investments Incorporated
906073	59254	Bellsouth Telecommunications Paducah CO 53642	810 Kentucky Ave	Paducah	KY	42001 Bellsouth Telecommunications LLC
6814073	59341	Beltline Citgo	3421 S Beltline	Paducah	KY	42001 Newcomb Oil Co LLC
2533073	63465	Big Lots #1089	3200 Irvin Cobb Dr	Paducah	KY	42001 K Mart Corporation
2363073	64738	Bill Russell Garage	4310 Clinton Rd	Paducah	KY	42001 E M Bailey Distributing Company
1039073	69712	Black Equipment Co Inc	633 N 6th St	Paducah	KY	42001 Black Equipment Co Inc
5980073	59342	Bluegrass Quick Mart	3208 Park Ave	Paducah	KY	42001 Munzer Turkmani
20142875	70061	Boral Brick Franklin Div	901 S 6th St	Paducah	KY	42003 CSX Transportation Inc
3789073	64194	Breelys li	4000 Hinkleville Rd	Paducah	KY	42001 Matthew Investments Incorporated
3731073	67881	Brian Duncan Property	3042 Lone Oak Rd	Paducah	KY	42002 Brian Duncan
1917073	65092	Bridge St Sunoco	1700 Bridge St	Paducah	KY	42001 Billy Shekell
2348073	59346	Bridge Street Propel	1723 Bridge St	Paducah	KY	42001 Duke & Long Distributing Co Inc
20161234	70272	Brockwell Property	2731 Jackson St	Paducah	KY	42003 Brockwell Property
8736073	65555	Brooks Bus Line Inc	421 Washington St	Paducah	KY	42001 Brooks Investments Inc
5564073	68490	Bunny Bread	1915 N 8	Paducah	KY	42001 Lewis Brothers Bakeries Inc
1034073	69748	Car Corral Inc	1600 Kentucky Ave	Paducah	KY	42003 William Allen
6817073	59347	Cardinal Point BP	800 Joe Clifton Dr	Paducah	KY	42001 CFL Properties LLC
1046073	59348	Celebrity Freight	3047 Jackson St	Paducah	KY	42001 Putnam & Son
1003073	67329	Century 21 A-Action Realtors Inc	3128 Broadway	Paducah	KY	42001 Century 21 A-Action Realtors Inc
6803073	59290	CFL Convenience For Less	1024 S 21st St	Paducah	KY	42001 Cigarettes For Less Inc
1818073	65184	Charter Hospital Of Paducah	435 Berger Rd	Paducah	KY	42001 Charter Hospital Of Paducah
5060073	64207	Chuck Mullen Nissan	1049 Kentucky Ave	Paducah	KY	42002 Chuck Mullen Olds Nissan Inc
4681073	59338	Cigarettes For Less	2223 Cairo Rd	Paducah	KY	42001 CFL Leasing Inc
6912073	59304	Cigarettes For Less #9	3425 Clarks River Rd	Paducah	KY	42001 Duke & Long Distributing Co Inc
3256073	67918	City Of Paducah	300 Washington	Paducah	KY	42001 Duke & Long Distributing Co Inc
3161073	69204	Clark Distributing Company Inc	330 Locust Dr	Paducah	KY	42003 Clark Distributing Company Inc
1025073	59350	Classic Cleaners	2951 Lone Oak Rd	Paducah	KY	42003 Pat Turner
0	83155	Claytons Corner Exxon	2700 New Holt Rd	Paducah	KY	42001 Wagner Wholesale LLC
2823073	70303	Cole Lumber Co Inc	1035 Division St	Paducah	KY	42001 Cole Lumber Co Inc
3247073	64351	Colonial Baking Co	2033 Irvin Cobb Dr	Paducah	KY	42001 Duke & Long Distributing Co Inc
20149602	70141	Colonial Bread Thrift Store	28th & Hwy 60	Paducah	KY	42003 Christina Pitt
6845073	59351	Colonial Food Mart (Pet-Tro)	3535 Lone Oak Rd	Paducah	KY	42003 Michelle Lowe
1008073	66958	Computer Services Inc Property	1238 Jefferson	Paducah	KY	42001 Computer Services Inc
20161287	70284	Computerland	300 Lone Oak Rd	Paducah	KY	42001 Julie Farmer
1011073	3035	Containment Systems Inc	921 Monroe St	Paducah	KY	42001 Cederholm Co Inc
4051073	3036	Country Club of Paducah	6500 Turnberry Dr	Paducah	KY	42001 E M Bailey Distributing Company

Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
5945073	68076	CSX Transportation - McCracken Co	900 S 6th St	Paducah	KY	42003 CSX Transportation Inc
1036073	66322	Cubits	1500 Irvin Cobb Dr	Paducah	KY	42001 Steve Solberg
6801073	59326	CVS Pharmacy #6376	538 Lone Oak Rd	Paducah	KY	42003 Duke & Long Distributing Co Inc
843073	59353	Dairyman Inc	2300 Irvin Cobb	Paducah	KY	42003 Rc Clark Distributor
1306073	65950	Darling Ingredients Inc	1350 N 10th St	Paducah	KY	42001 Kraft Foodservice Inc
1044073	69643	David Lane	1249 Broadway	Paducah	KY	42001 David Lane
4211073	48433	Davis Transport Inc	1345 S 4th St	Paducah	KY	42003 Davis Transport Inc
1017073	68851	Dentons Garage	216 S 3rd St	Paducah	KY	42003 Lee Chumbler
3336073	59354	Dillard Dept Stores	5101 Hinkleville Rd	Paducah	KY	42001 Dillard Department Stores Inc
2230073	64854	Discount Battery	2161 S Beltline	Paducah	KY	42001 E M Bailey Distributing Company
3253073	65769	Distributors Warehouse	1900 N 10th	Paducah	KY	42001 Duke & Long Distributing Co Inc
1007073	67040	Dollar General Store #2115	3300 Irvin Cobb Dr	Paducah	KY	42003 Thf Paducah Development Lp
1015073	66316	Dons Super Service	1601 Kentucky Ave	Paducah	KY	42001 Brad Arterburn
1998073	59355	Duke & Long Distribution Co Inc	624 S 4th St	Paducah	KY	42002 Jeremy Smallwood
1013073	66289	Dummer Surveying Company	434 S 6th St	Paducah	KY	42003 Davd H & Mary C Dummer
5878073	59313	Durbins Citgo	3401 Lone Oak Rd	Paducah	KY	42001 Durbin Chevron (Citgo)
3844073	66239	Durham Restoration Inc dba Servpro of Paducah	1128 Broadway	Paducah	KY	42001 Ray A Mullen Partnership
4068073	59314	E Z Stop	2008 Bridge St	Paducah	KY	42001 E-Z Shop Inc
2758073	63671	Elder-Beerman Stores	5105 Hinkleville Rd #500	Paducah	KY	42001 The Elder-Beerman Stores Corp
1407073	65851	Emery Worldwide	423 S 16th St	Paducah	KY	42001 Emery Worldwide
6843073	67054	Exit 3 Travel Plaza 133	5120 Old Cairo Rd	Paducah	KY	42001 Tristate Construction Company Inc
6815073	59339	Family Dollar #6321	2197 Bridge St	Paducah	KY	42001 Brandon Smallwood
2331073	64755	Fdr Honda	1034 Broadway	Paducah	KY	42001 Fdr Honda
8716073	43647	Federal Materials Co	2425 Wayne Sullivan Dr	Paducah	KY	42003 NONE
2353073	64748	Firestone Store	901 Broadway	Paducah	KY	42001 Mayme O Kirchnoff Trustee Of
1870073	59298	Five Star #7622	1415 Lone Oak Rd	Paducah	KY	42001 Newcomb Oil Co LLC
10000390	59273	Five Star #7624	2310 Lone Oak Rd	Paducah	KY	42001 Newcomb Oil Co LLC
10000546	59271	Five Star #7625	5169 Hinkleville Rd	Paducah	KY	42001 Newcomb Oil Co LLC
0	121727	Five Star #7626	2955 John Puryear Dr	Paducah	KY	42003 Newcomb Oil Co LLC
10000435	59308	Five Star #7627	4121 Clarks River Rd	Paducah	KY	42001 Newcomb Oil Co LLC
0	122112	Five Star Foodmart #7627	4101 Clarks River Rd	Paducah	KY	42003 Newcomb Oil Co LLC
3790073	59315	Fivestar Foodmart #7616	5020 Hinkleville Rd	Paducah	KY	42001 Newcomb Oil Co LLC
10000575	59250	Fivestar Foodmart #7675	3474 Wayne Sullivan Dr	Paducah	KY	42001 E-Z Serve Convenience Stores Inc
3792073	64195	Followells BP	3159 Broadway	Paducah	KY	42001 Bradley Howell
3119073	59318	Food World Citgo	1400 Husbands Rd	Paducah	KY	42001 Karla Murt
5524073	59319	Forest Hills Station	220 Medical Center Dr	Paducah	KY	42002 Paducah Water Works
7927073	66122	Former Ashland Station	2746 H C Mathis Dr	Paducah	KY	42001 Waca Inc
20149599	70138	Former Coles Gulf Service	2401 Park Ave	Paducah	KY	42001 Mildred Cole
4418073	59334	Former Jim Nelson Used Cars	4030 Clarks River Rd	Paducah	KY	42003 Jim Nelson Used Cars
5805073	59272	Former Paducah Lone Oak Fivestar #7622	1461 Lone Oak Rd	Paducah	KY	42001 Newcomb Oil Co LLC
0	108718	Formerly Egners Food Mart	3933 Clarks River Rd	Paducah	KY	42003 Joan Egnor Bradford
1340073	65899	Fuller Fabrications	730 S 3rd St	Paducah	KY	42001 Mountaineer Realty Co
93073	67611	Gas Mart 201	225 S 16th St	Paducah	KY	42001 Gas Mart Company
6921073	67024	General Fire Extinguisher Servic	528 S 3rd St	Paducah	KY	42001 Eugene Wooten
20149600	70139	Genes Dx	2810 Benton Rd	HWY Paducah	KY	42003 Charles Clayton
1026073	59259	Green Property	1006 Walter Jetton Blvd	Paducah	KY	42001 Louise Mcgary
2188073	59320	Greyhound Linesinc	301 N 4th	Paducah	KY	42001 Greyhound Lines Inc
20143655	70079	Guess Property	1730 Kentucky Ave	Paducah	KY	42003 Alice Guess
20151425	70178	Gulf Service Station	2504 Bridge St	Paducah	KY	42001 Estate Of Juanita Bender C/O Martha Cope Executrix
6919073	67021	Guy Gray Supply	Blandville Rd	Paducah	KY	42001 Petty Oil Company Inc

Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
1871073	3044	H B Fuller Co	5000 Charter Oak Dr	Paducah	KY	42001 H B Fuller Co
60073	59321	H T Hackney Co Inc	3000 Shelbourne St	Paducah	KY	42001
4820073	59322	Hadfields Standard Service	2246 Bridge St	Paducah	KY	42001 Robert Hadfield
3251073	59324	Hank Brothers Hardware	3101 Lone Oak Rd	Paducah	KY	42003 Hank Bros Inc
3897073	48437	Hannan Supply Co	1565 N 8th St	Paducah	KY	420020270 Paducah Newspapers Inc
2486073	63444	Hardees Food Store	3000 Lone Oak Rd	Lone Oak	KY	42001 Hardees Food Services Inc
1203073	59325	Harold Wagner Property	911 Joe Clifton Dr	Paducah	KY	42001 Grocery Supply Co
2286073	64810	Harper Const Co	616 Northview St	Paducah	KY	42001 E M Bailey Distributing Company
6925073	67026	Herb Owens Sunoco	2229 Bridge St	Paducah	KY	42003 Petty Oil Company Inc
2328073	64775	Higdon Furniture Corp	Rt 7 4345 Cairo Rd	Paducah	KY	42001 Higdon Furniture Corp
20149516	70117	Hodges Convenience Store	2730 John L Puryear Dr	Paducah	KY	42003 Hodges Sawmill Inc
2554073	63489	Hoe Supply Co	850 Harrison St	Paducah	KY	42001 Hoe Supply Co
9708073	68336	Huck 192	1300 Park Ave	Paducah	KY	42001 Martin & Bayley Inc
0	115188	Hucks #377	3025 Olivet Church Rd	Paducah	KY	42001 Martin & Bayley Inc
0	109606	Hucks #378	3570 Lone Oak Rd	Paducah	KY	42003 Martin & Bayley Inc
3144073	67751	Industrial Sheet Metal	3845 Old Benton Rd	Paducah	KY	42001 E M Bailey Distributing Company
3323073	63983	Ingram Materials Co Pad Port	2445 S 4th St	Paducah	KY	42001 Ingram Materials Company
90073	59330	Jackson Purchase Energy Corp	2900 Irvin Cobb Dr	Paducah	KY	42002 Jackson Purchase Electric Corp
3249073	59331	Jackson Street Bp	3199 Jackson St	Paducah	KY	42001 Newcomb Oil Co LLC
2687073	63625	James H Herzog	1147 Ky Ave	Paducah	KY	42001 Judy Herzog
1553073	59333	James Hank Hank Bros Truevalue	3525 Wayne Sullivan Dr	Paducah	KY	42001 James Hank Hank Bros Inc
4005073	67742	James Sanders Nursery	4123 Schneidam Rd	Paducah	KY	42001 E M Bailey Distributing Company
2614073	59328	Jcpenney Co Inc	5101 Hinkleville Rd	Paducah	KY	42001 Cafaro Company
3252073	59344	Jet Express Inc	4025 Clarks River Rd	Paducah	KY	42003 NONE
6928073	39243	Jim Smith Contracting Co LLC - Jimar Paving	4100 Clarks River Rd	Paducah	KY	42001 Perry Oil Company Inc
1024073	59288	Johnnie Griffiths Property	823 Oaks Rd	Paducah	KY	42003 Johnnie Griffith
3344073	59289	Junior College BP	4811 Blandville Rd	Paducah	KY	42001 Shea Brown
3537073	64081	K Mart 3103	2440 Lone Oak Rd	Paducah	KY	42001 Kmart
907073	48456	Kelly & Wilmore inc	1200 Old Mayfield Rd	Paducah	KY	42001 South Central Bell Telephone Co
1043073	59291	Kelly Grayne Garage	1041 Kentucky Ave	Paducah	KY	42003 Donald Crayne
9374073	59293	Kentucky Oaks Mall	5101 Hinkleville Rd	Paducah	KY	42001 Kentucky Oaks Mall Company
1005073	67235	King Auto Sales	3301 Benton Rd	Paducah	KY	42001 Paul King
2762073	59294	Kit Mo Rental & Supply	2401 N 8th St	Paducah	KY	42002 Kit Mo Rental & Supply Co
0	101839	Kroger 338	3275 Irvin Cobb Dr	Paducah	KY	42003 Kroger Limited Partnership I
333073	48440	KY National Guard Om Shop No 12	1800 Clark St	Paducah	KY	42002 Kentucky Dept Of Military Affairs
6842073	59296	KY Oaks Ashland	5015 Hinkleville Rd	Paducah	KY	42001 Newcomb Oil Co LLC
1006073	59297	KY Tobacco Outlet	3821 Hinkleville Rd	Paducah	KY	42001 Robertson-Hill Inc
3795073	59335	Lambert Vending	625 S 4th St	Paducah	KY	42002 Thomas Lambert
3868073	64230	Le Paul Oil Co Inc	3215 Clarks River Rd	Paducah	KY	42001 Le Paul Oil Co Inc
1045073	59299	Lee Blair Property	Wayne Sullivan Dr	Paducah	KY	42003 Lee Blair
4042073	59300	Leneaves BP	1023 S 21st St	Paducah	KY	42001 Leneaves BP
6910073	67035	Lone Oak Water	3434 Lovelaceville Rd	Paducah	KY	42001 Petty Oil Company Inc
0	39247	Lourdes Mercy Health	1530 Lone Oak Rd	Paducah	KY	42001 Mercy Health - Lourdes Hospital LLC
3983073	64388	Major Distributing	449 S 16th St	Paducah	KY	42002 Major Distributing
2944073	69167	Marquette Transportation Co Inc	2308 S 4th St	Paducah	KY	42002 Marquette Transportation Co Inc
20165881	70307	Martin E Rivers Property	Rt 2 Box 140 A1	West Padu	KY	42086 Martin Rivers
6930073	67029	Massac Garage	Po Box 351	Paducah	KY	42001 Chester Price
5473073	66652	Massac Kountry Kitchen	5969 Lovelaceville Rd	Paducah	KY	42001 Carolyn Hergesheimer
2600073	59345	Maxfuel #38	3107 Lone Oak Rd	Paducah	KY	42003 Max Arnold & Sons LLC
5820073	68125	McCracken Co Disaster Emergency Services	545 N 32nd St	Paducah	KY	42002 KYTC Environmental Analysis



Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
5819073	3054	McCracken Co EOC	3700 Coleman Rd	Paducah	KY	42001 Mccracken County Kentucky
3196073	3053	McCracken Co School Bus Garage	260 Bleich Rd	Paducah	KY	42003 McCracken Co Board of Education
729073	3049	McCracken Co State Maintenance & Equipment Garage	2000 Lane Rd	Paducah	KY	42001 KYTC Environmental Analysis
6811073	48442	Mercers Citgo	1761 KY Ave	Paducah	KY	42001 Gary Houston
4570073	64528	Metzger Packing Co	530 S 2nd St	Paducah	KY	42001 Metzger Packing Co
164073	67530	Middle States Coca Cola Bottling	3141 Broadway	Paducah	KY	42001 Middle Bottling
995073	3056	Midwest Terminal Inc	725 N 5th St	PO E	Paducah	KY 42002 Midwest Terminals Inc
0	79131	Mike Smith Toyota	3941 Mike Smith Dr	Paducah	KY	42001 Jim Smith Contracting Company Inc JSC Terminal Div
1019073	67667	Milam Cycle Shop	3027 Broadway St	Paducah	KY	42001 Tom Stewart
0	59261	Minit Mart #545	5425 Old Cairo Rd	Paducah	KY	42001 TA Operating LLC
6350073	69454	Minit Mart 24	5201 US 60	Paducah	KY	42001 TA Operating LLC
0	71158	Mitchell Machine Shop	427 S 3rd St	Paducah	KY	42003 Peg Brown
3593073	67746	Morsey Inc	960 N Beltline	Paducah	KY	42001 E M Bailey Distributing Company
3045073	63857	Mr Transmission	4000 Clarks River Rd	Paducah	KY	42001 Larry Wilson
0	106849	Murphy Express #8580	3330 Irvin Cobb Dr	Paducah	KY	42003 Murphy Oil USA Inc
10000454	59311	Murphy Oil USA Inc 5701	5132 Hinkleville Rd	Paducah	KY	42001 Murphy Oil USA Inc
9999767	59312	Murtco Inc	815 Abell St	Paducah	KY	42003 Murtco Inc
5814073	59274	Newcomb Oil #7623	2601 H C Mathis Dr	Paducah	KY	42001 Newcomb Oil Co LLC
3777073	64200	Noble Park BP	1020 Joe Clifton Dr	Paducah	KY	42001 Kci Inc
2861073	59287	Northside Gas Card	1500 N 8th St	Paducah	KY	42001 Paducah McCracken Co Joint Sewer
1022073	3077	NRE-Paducah	1300 Kentucky Ave	Paducah	KY	42003 Nre Acquisitions Co LLC
2841073	63745	Ohio Valley Aviation Inc	230 Fountain Ave	Paducah	KY	42001 Ohio Valley Aviation Inc
6834073	67051	Old Mayfield Rd Minit Mart	3001 Schneidman Rd	Paducah	KY	42001 Duke & Long Distributing Co Inc
2281073	64805	Overhead Door-Paducah	123 10th St	Paducah	KY	42001
1984073	48444	Owen Cleaners Inc	1021 KY Ave	Paducah	KY	42003 Owen Cleaners Inc
5571073	68494	Paducah & Louisville Railroad	Poole Rd	Paducah	KY	42001 Paducah & Louisville Railway Inc
2193073	59267	Paducah Alben Barkley No 7620	4709 Alben Barkley Dr	Paducah	KY	42001 Newcomb Oil Co LLC
6927073	59268	Paducah Board of Education	401 Walter Jetton Blvd	Paducah	KY	42001 Paducah Public Schools
1801073	65191	Paducah Board Of Education Bus Garage	401 Gould St	Paducah	KY	42002 Paducah Board Of Education
6592073	59269	Paducah Citgo	2719 Irvin Cobb Dr	Paducah	KY	42001 Michelle Edwards
1020073	59349	Paducah City Hall	300 S 5th St	Paducah	KY	42001 City of Paducah
2120073	64942	Paducah Community College/Pepsi	3000 S Beltline Crisp Bldg	Paducah	KY	42001 University of KY Environmental Management
527073	51872	Paducah Development Corporation	933 Walter Jetton Blvd	Paducah	KY	420036933 PB & S Chemical Company Inc
3644073	69164	Paducah Federal Bldg	502 Broadway St	Paducah	KY	42001 General Services Administration
8737073	48447	Paducah Ford Inc	3476 Park Ave	Paducah	KY	42003 Paducah Ford Inc
5808073	59270	Paducah Hinkleville Rd #7621	3900 Hinkleville Rd	Paducah	KY	42001 Newcomb Oil Co LLC
5018073	69152	Paducah Inn Ltd	3901 Hinkleville Rd	Paducah	KY	42001 Paducah Inn Ltd
7052073	66945	Paducah Kentucky Terminal	Hwy 62	Paducah	KY	42001 Ashland Inc
1323073	65920	Paducah Mccracken Co Port Auth	2000 S 4th St	Paducah	KY	42001 Paducah Mccracken Co Riverport Authority
1033073	39258	Paducah McCracken Co Riverport Authority	2000 Wayne Sullivan Dr	Paducah	KY	420022302 Paducah Mccracken Co Riverport Authority
2591073	63517	Paducah Power System	1500 Broadway	Paducah	KY	42001 Paducah Power System
2565073	63508	Paducah Power System	1400 Broadway	Paducah	KY	42015 Paducah Power System
3435073	67986	Paducah Public Works	1120 N 10th St	Paducah	KY	42001 City of Paducah
3568073	69192	Paducah Sheetmetal Company	930 Monroe St	Paducah	KY	42001 Phillip Cain
20151426	55068	Paducah Tire	1147 Kentucky Ave	Paducah	KY	42003 Jana Abernathy
1779073	3061	Paducah Water Works	1800 N 8th St	PO E	Paducah	KY 420022377 Paducah Water Works
2975073	67759	Parcel 13 (Alexander)	Ky 305 Parcel 13 (Alexander)	West Padu	KY	42086 KYTC Environmental Analysis
3056073	67738	Parcel 3 (Pirtle)	Ky 305 Parcel 3 (Pirtle)	West Padu	KY	42086 KYTC Environmental Analysis
1028073	59275	Parcel 321 Item No 1-290.01	Hwy 60	Paducah	KY	42002 KYTC Environmental Analysis
2974073	67758	Parcel 4 (Roberts)	Ky 305 Parcel 4 (Roberts)	West Padu	KY	42086 KYTC Environmental Analysis

Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
1016073	66101	Parcel 70 (Item No 1-290.01)	Us 60 & Ky 998		Paducah KY	42001 KYTC Environmental Analysis
9709073	68337	Parcel 91 Item No 1 623.02 (Huck	3300 Old Benton Rd	149)	Paducah KY	42001 KYTC Environmental Analysis
6813073	59277	Park Avenue Chevron	3147 Park Ave		Paducah KY	42001 E M Bailey Distributing Company
4052073	67748	Paxton Park Golf Course	841 Berger Rd		Paducah KY	42001 E M Bailey Distributing Company
3089073	67739	Performance Cycle	2230 Bridge St		Paducah KY	42003 Keith Murt
3787073	3066	Pilot Travel Center 358	5353 Cairo Rd		Paducah KY	42001 Pilot Travel Centers LLC
1023073	68837	Plaza Tire	3007 Lone Oak Rd		Paducah KY	42003 Patrick Trust
	0	107560 Pockets 117	5104 Cairo Rd		Paducah KY	42001 Kentucky Lake Oil Company Inc
20151423	70180	PPG Paints Store #9984	705 KY Ave		Paducah KY	42002 Fred Vowell
5753073	68967	Precision Transmission	3315 Park Ave		Paducah KY	42001 Wayne Mcgee
1278073	65961	Pressure Pak Of KY Inc	3201 Cook St		Paducah KY	42003 Pressure Pak Of Ky Inc
3248073	59282	Pughs Midway Inc	6801 Cairo Rd		Paducah KY	42001 Pughs Midway Inc
1273073	65977	Purcell/Goodyear Tire-Expansion	5165 Hinkleville Rd		Paducah KY	42001 Betty Reynolds
6911073	67016	Quality Electric	532 Milliken Rd		Paducah KY	42001 Petty Oil Company Inc
2190073	64883	Quality Leasing Inc	1408 N 8th		Paducah KY	42001 Quality Leasing Inc
1040073	69718	R E Fairhurst Realty	1240 Jefferson St		Paducah KY	42001 R Realty
6816073	59284	Randles Citgo	3200 Broadway		Paducah KY	42001 Duke & Long Distributing Co Inc
4043073	59251	Randy Willis Auto & Diesel Repair	600 S 6th St		Paducah KY	42001 Darrell Buford
1780073	65195	Raw Water Station	1034 N 6th		Paducah KY	42001 Paducah Water Works
1618073	59317	Reds Gas & Grill	5601 Old Mayfield Rd		Paducah KY	42003 Max Arnold & Sons LLC
3013073	67760	Region 1 Tech Office & Prop	HC Mathis Dr		Paducah KY	42003 KY Workforce Development Cabinet
20151427	70177	Robo Car Wash	Hwy 45		Paducah KY	42003 Mark King
3780073	64190	Rose BP	800 6th St		Paducah KY	42001 Duke & Long Distributing Co Inc
3090073	67740	Royal Crown Beverage Company	910 S 5th St		Paducah KY	42001 Royal Crown Bottling Company
3810073	48452	Royal Oaks Chevrolet	3417 Park Ave		Paducah KY	42002 Jack Wilson
20168191	70364	Rudys Standard Station	6th St & Broad St		Paducah KY	42003 Robert Smith
9645073	68352	Saint Mary High School	1243 Elmdale Rd		Paducah KY	42001 Saint Mary High School
20156089	35891	Sams Club #6449	3550 James Sanders Blvd		Paducah KY	42001 Sams East Inc c/o APTIM Licensing
4062073	67749	Sani-Clean Services	1100 S 5th St		Paducah KY	42001 NONE
20022621	59249	Sav A Ton	3390 Park Ave		Paducah KY	42001 Newcomb Oil Co LLC
6810073	67721	Save Service Station	3426 Clarks River Rd		Paducah KY	42001 E M Bailey Distributing Company
	649073	48454 Sears No 2176	5101 Hinkleville Rd		Paducah KY	42001 Sears Roebuck & Company
6924073	59281	Seay Oil Co Inc	1720 Irvin Cobb Rd		Paducah KY	42003 Seay Oil Co Inc
	161073	67525 Shirleys Kountry Korner	Rt 2 Noble Rd		West Padu KY	42086 Shirleys Korner
1010073	48455	Sisteel Corp	2565 Cairo Rd		Paducah KY	42001 Sisteel Corporation
5803073	59252	Smoke Shop	2301 N 8th St		Paducah KY	42001 Wagner Enterprises VIII LLC
1002073	59253	Smoke Shop II	2300 N 8th St		Paducah KY	42001 Wagner Wholesale LLC
7098073	59257	Speedway SuperAmerica LLC 9535	632 Lone Oak Rd		Paducah KY	42001 Speedway LLC
1009073	59306	Star Fuels LLC	2946 Old Mayfield Rd		Paducah KY	42003 Star Fuels LLC
3080073	59307	Star Mart	2213 Bridge St		Paducah KY	42003 Star Fuels LLC
5556073	59279	Star Stop #5	5181 Hinkleville Rd		Paducah KY	42001 Star Fuels LLC
	0	71078 SuperValu Foods 3	2969 Jackson St		Paducah KY	42002 Banks Grocery Co
9063073	59265	Superway #2199	2199 Bridge St		Paducah KY	42001 KCW LLC
9926073	59343	Superway #228	228 N 13th St		Paducah KY	42001 Superway Inc
5979073	48448	Superway #2535	2535 Jackson St		Paducah KY	42001 Superway Inc
1265073	59332	Superway #2634	2634 Jackson St		Paducah KY	42001 Superway Inc
3081073	59310	Superway #3209	3209 Lone Oak Rd		Paducah KY	42001 Superway Inc
1037073	54727	Superway #3245	3245 Benton Rd		Paducah KY	42003 Superway Inc
2976073	59295	Superway #649	649 N 8th St		Paducah KY	42001 Superway Inc
1268073	3051	Superway Inc #2901	2901 Lone Oak Rd		Paducah KY	42001 Superway Inc

Table 3. Paducah SUA UST Sites

SITE_SEQ	AI_ID	AI_NAME	ADDRESS_1	ADD ADI MAILING_1	MAIL MAILING_2	OWNER_NAME
6844073	59323	Superway Inc #5100	5100 Cairo Rd	Paducah	KY	42001 Tristate Construction Company Inc
	0	124596 Supreme Muffler	2334 S Beltline Hwy	Paducah	KY	42001 Paul Hayes
3665073	67936	Tabernacle Of Hope	2410 Jackson	Paducah	KY	42003 Tabernacle Of Hope
1035073	69727	Texaco	402 N 7th St	Paducah	KY	42001 Patsy Chumbler
	0	108639 The H T Hackney Co	5550 Commerce Dr	Paducah	KY	42001 The H T Hackney Co
6926073	67027	Thompson Sunoco	Clarks River Rd	Paducah	KY	42001 Petty Oil Company Inc
9595073	68370	Thoni Oil Magic Benzol Gas Station	1150 S 6th St	Paducah	KY	42001 Estate Of Richard E Thoni
2292073	64793	Thurston Fertilizer & Grain Inc	1500 Blow Ave	Paducah	KY	42001 Thurston Fertilizer & Grain Inc
4004073	67741	Tilford Contracting	1928 N 8th St	Paducah	KY	42001 E M Bailey Distributing Company
1042073	48457	Tommy Blair Inc	3100 Irvin Cobb Dr	Paducah	KY	42003 Tommy Blair
4006073	67743	Tommy Blair Toyota	2101 S Beltline	Paducah	KY	42001 T C B Inc
5027073	3071	Transmontaigne Operating Company LP - Paducah Terminal	1350 S 3rd St	Paducah	KY	42003 Chevron Products Co
1030073	69800	Treads Auto Store	1221 N H C Mathis Dr	Paducah	KY	42001 Curtis King
1030073	69800	Treads Auto Store	1221 N H C Mathis Dr	Paducah	KY	42001 Curtis King
1030073	69800	Treads Auto Store	1221 N H C Mathis Dr	Paducah	KY	42001 Curtis King
1014073	59262	Triangle Enterprises Inc	3630 Cairo Rd	Paducah	KY	42001 Triangle Enterprises Inc
20165880	70306	Triangle Insulation & Sheet Metal Co	Rt 7 Box 86	Paducah	KY	42001 Triangle Insulation & Sheet Metal Co
5229073	68909	Triple S Inc	1922 Bridge St	Paducah	KY	42001 Triple S Inc
2465073	59263	Troys Auto Service	331 Jefferson St	Paducah	KY	42001 Kimmy Cunningham
3782073	64192	Troys BP	439 Kentucky Ave	Paducah	KY	42001 Massonic Lodge 501c
1047073	59264	Turner Dairy Inc	6500 Blandville Rd	Paducah	KY	42001 Turner Dairies Inc
2940073	63794	U-Haul	2170 Irvin Cobb Dr	Paducah	KY	42001 U Haul Co
8800073	3075	United Parcel Service - Paducah	3921 Old Benton Rd	Paducah	KY	42001 United Parcel Service
3449073	69217	Unknown	1574 Jefferson St	Paducah	KY	42003 John & Sue Colby
20165878	70304	Us Postal Service	300 S 4th St	Paducah	KY	42001 Us Postal Service
8738073	3076	Usher Transport Inc	3925 Old Benton Rd	Paducah	KY	42001 Usher Transport Inc
	0	70718 Vaughn Auto	3250 Lone Oak Rd	Paducah	KY	42003 Vaughn May
	0	101940 W B Sanders Retirement Center	820 Washington St	Paducah	KY	42003 Jackson House II Inc
	0	39272 W H Yancy & Sons Asphalt Paving Inc	1853 N 8th St	Paducah	KY	42001 Martha L Yancy Estate
3186073	6114	Wagner Moving & Storage Inc	1719 N 8th St	Paducah	KY	42001 Wagner Moving & Storage Inc
4007073	67744	Wahls Excavating	917 S 21st St	Paducah	KY	42001 E M Bailey Distributing Company
6917073	67020	Walker & Son Appliances	501 Rosewood Dr	Paducah	KY	42001 Petty Oil Company Inc
3591073	66016	Wal-Mart	US 60 & Holt Rd	Paducah	KY	42001 Wal-Mart Stores East LP
8962073	59224	West End Citgo	526 N 32nd St	Paducah	KY	42001 Sch Holdings LLC
2874073	48461	West Kentucky Community & Technical College	4810 Alben Barkley Dr	Paducah	KY	42001 University of Kentucky
3560073	69191	Western Baptist Storage Building	4901 Blandville Rd	Paducah	KY	42001 Western Baptist Hospital
1985073	65046	Western Kentucky Sprinkler Co	1201 N 6th St	Paducah	KY	42001 Western Kentucky Sprinkler Co In
2860073	63778	Whayne Supply Co	1600 N 8th St	Paducah	KY	42001 Whayne Supply Co
5825073	59226	Youngs Car Wash BP	423 S 28th St	Paducah	KY	42001 Claudia Downs
8723073	65576	YRC Inc	5151 Charter Oak Rd	Paducah	KY	42001 Merchants Inc 1734

**KY State DWM Records**

Database	QUARRY_NAM			TYPE	COMPANY_NA															
Active Mines	Ohio Valley Gravel & Sand			SAND & GRAVEL PIT	Ohio Valley Gravel & Sand															
Solid Waste Landfills	LF_NAME	SITE_ID	TEMPO_A	PERMIT_NO	P_TYPE	P_STATUS	PROP_OWNER	OP_TYPE	NOTCOM	END_DATE	AV_COMMENT									
Solid Waste Landfills	Eugene Tucker Landfill (Lydon Road dump)	9073.001	74335	073-00001	Health Dept.	DEP other	Private	Governmental	60649		73 waste area based on old map									
Solid Waste Landfills	Paducah City Dump - 8th Street	9073.002	51942	073-00002	Tracking No.	DEP other	Governmental	Governmental	60652/175		72.1 site location point; superfund site also, not/com 17550									
Solid Waste Landfills	Merrill H Lavo Landfill	9073.003	51868	073-00003	Health Dept.	DEP other	Private	Private	60653/174		72 located on the east side of Poole Road at the I-24 overpass									
Solid Waste Landfills	Noel McElya & Elmar Lauman LF	9073.004	51973	073-00004		no permit	Private	Private	60455/174		72 also superfund site KYD 982-118-903, notcom 17427									
Solid Waste Landfills	Paducah City (06) Dump - Tennessee St	9073.006	74336	073-00006	Industrial	DEP other	Governmental	Governmental	60657		75.2 Actual site location - Western end of Tennessee St. where it dead ends into the railyard.									
Solid Waste Landfills	Paducah City (07) Dump - Murrell Blvd	9073.007	74337	073-00007		no permit	Governmental	Governmental	60658		71 Actual site location as identified by ATC. Site is located at the dead end of Jetton just beyond the vacant grass field in the woods									
Solid Waste Landfills	Jim Boyd Landfill	9073.009	74338	073-00009		no permit	Private	Private	60661		75.2 south side - entrance from H & G propret									
Solid Waste Landfills	McCracken County (11&13) LF	9073.011	3054	073-00013			Governmental	Governmental	-		90 Two landfills: 73.11 by City of Paducah and 73.13 by McCracken County									
Solid Waste Landfills	Executive Inn dumpsite	9073.017	0	073-A0001		no record			0		0 dot is site location									
Solid Waste Areas	LF_NAMES	INDEX_NO	AI_NUMB	SW_PERMIT	CAP_CONDIT	KEY_FIELD	WA_CAP_DES	LINER_TYP	WA_LEAC	DIVERSION										
Solid Waste Areas	McCracken County Landfill	9073.011	3054	073-00013	Poor condition	9073.011-1	Intermediate cover only	Natural	None	Good										
Solid Waste Areas	McCracken County Landfill expansion	9073.011	null	null		9073.011-2														
WasteWater Treatment Plant	STPNAME	STP_ID	DOWPERMID	OWNER	CAPACITY	TREATMIN'	TYPE	OTHTYPE	EFFDESTTY	EFFDESTNAM										
WasteWater Treatment Plant	RIVER PUMP STATION STP	RIVER PUMP STATION STP	KY0025828	PADUCAH MCCrackEN COUNTY JOINT SEWER AGENCY	0.91	PRIMARY	OTHER	LAGOON RIVER	TENNESSEE RIVER											
WasteWater Treatment Plant	SOUTH LAGOON STP	SOUTH LAGOON STP	KY0025828	PADUCAH MCCrackEN COUNTY JOINT SEWER AGENCY	0.91	PRIMARY	OTHER	LAGOON RIVER	TENNESSEE RIVER											
WasteWater Treatment Plant	NORTH LAGOON STP	NORTH LAGOON STP	KY0025828	PADUCAH MCCrackEN COUNTY JOINT SEWER AGENCY	0.91	PRIMARY	OTHER	LAGOON RIVER	TENNESSEE RIVER											
WasteWater Treatment Plant	PADUCAH STP	PADUCAH STP	KY0022799	PADUCAH MCCrackEN COUNTY JOINT SEWER AGENCY	12.1	PRIMARY	EXTENDED	<Null> RIVER	OHIO RIVER											
Water Treatment Plant	WTPNAME	PWSID	OWNER	FLOCCULA	SEDIMENT FILTRATIOI	FLUORIDA	CTRLTYPE	CORRCTRL												
Water Treatment Plant	PADUCAH WTP	KY0730533	PADUCAH WATER WORKS	ALUM	COVENTIO	HIGH RATE HYDROFLU	ACTIVATEE	PH ADJUSTMENT/CAUSTIC SODA												

**ATTACHMENT 3**

**NATIONAL PARK SERVICE  
LAND AND WATER CONSERVATION FUND (LWCF: SECTION 6(f) RESOURCES)**

- LWCF List for McCracken County



United States Department of the Interior  
National Park Service  
Land & Water Conservation Fund

Detailed Listing of Grants Grouped by County

Today's Date: 4/29/2013

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Grant ID & Element	Type	Grant Element Title	Grant Sponsor	Amount	Status	Date Approved	Exp. Date	Cong. District
<b>MCCRACKEN</b>								
107 - XXX	D	NOBLE PARK SWIMMING POOL	CITY OF PADUCAH	\$164,907.46	C	4/13/1971	12/31/1972	1
250 - XXX	D	KLOB PARK WADING POOL	Kolb Park CITY OF PADUCAH	\$40,200.62	C	2/28/1974	6/30/1976	1
384 - XXX	D	PADUCAH TENNIS COURTS	at Noble Park CITY OF PADUCAH	\$48,780.55	C	2/27/1976	6/30/1978	1
405 - XXX	D	LONE OAK PARK	MCCRACKEN COUNTY	\$36,769.63	C	5/24/1976	6/30/1981	1
457 - XXX	D	BOB NOBLE PARK	CITY OF PADUCAH	\$98,258.92	C	4/22/1977	6/30/1982	1
520 - XXX	C	PAXTON PARK	CITY OF PADUCAH	\$127,441.45	C	4/28/1978	6/30/1982	1
545 - XXX	C	HEATH PARK	MCCRACKEN COUNTY	\$89,714.51	C	6/30/1978	6/30/1981	1
655 - XXX	D	STUART NELSON PARK	CITY OF PADUCAH	\$17,054.48	C	3/20/1980	3/31/1985	1
847 - XXX	A	METROPOLIS LAKE NATURE PRESERVE	NATURE PRESERVE COMM.	\$38,070.00	C	2/21/1984	2/28/1989	1
1034 - XXX	D	MCCRACKEN COUNTY SOCCER FIELDS	MCCRACKEN COUNTY	\$24,259.50	C	6/20/1988	6/30/1990	1
1103 - XXX	D	BOB NOBLE PARK NATURE TRAIL	CITY OF PADUCAH	\$22,985.62	C	8/14/1991	6/30/1994	1
1216 - XXX	D	YOUTH ATHLETIC IMPROVEMENTS	McCRACKEN COUNTY	\$96,355.63	C	11/16/2001	9/30/2006	1
1274 - XXX	D	BOB NOBLE PARK	CITY OF PADUCAH	\$79,005.00	C	8/11/2003	7/31/2008	1
1318 - XXX	R	MCCRACKEN COUNTY PARKS	MCCRACKEN COUNTY	\$67,481.00	C	7/19/2004	7/31/2009	1
1350 - XXX	D	PADUCAH REGIONAL SKATE PARK	CITY OF PADUCAH	\$75,000.00	C	9/8/2005	7/30/2010	1
		at Noble Park						
<b>MCCRACKEN County Total:</b>				<b>\$1,026,284.37</b>		<b>County Count:</b>	<b>15</b>	
<b>MCCREARY</b>								
353 - XXX	D	MCCREARY COUNTY PARK	MCCREARY COUNTY	\$38,353.50	C	6/24/1976	6/30/1979	5
835 - XXX	D	MCCREARY COUNTY PARK	MCCREARY COUNTY	\$39,223.90	C	12/6/1983	11/30/1988	5
1093 - XXX	D	SAND HILL CONSERVATION CAMP	MCCREARY COUNTY	\$23,000.00	C	7/31/1991	6/30/1993	5
<b>MCCREARY County Total:</b>				<b>\$100,577.40</b>		<b>County Count:</b>	<b>3</b>	

**United States Department of the Interior  
National Park Service  
Land & Water Conservation Fund**

**Detailed Listing of Grants Grouped by County**

Today's Date: 4/29/2013

**KENTUCKY - 21**

Page: 63

Grant ID & Element	Type	Grant Element Title	Grant Sponsor	Amount	Status	Date Approved	Exp. Date	Cong. District
<b>MCLEAN</b>								
166 - XXX	D	CITY OF ISLAND MINI-PARK	CITY OF ISLAND	\$4,826.64	C	6/30/1972	12/31/1974	1
305 - XXX	D	CLEAT JOHNSON MEMORIAL PARK	CITY OF LIVERMORE	\$9,854.98	C	1/22/1975	6/30/1977	1
629 - XXX	D	LIVERMORE PARK	CITY OF LIVERMORE	\$5,004.44	C	9/28/1979	9/30/1984	1
824 - XXX	D	WEST END PLAYGROUND	CITY OF LIVERMORE	\$2,309.57	C	11/8/1983	11/30/1988	1
941 - XXX	D	RIVERFRONT PARK	CITY OF PADUCAH	\$33,249.37	C	11/13/1985	11/1/1988	1
1297 - XXX	D	WOODEN BRIDGE PARK	CITY OF ISLAND	\$6,847.10	C	8/20/2003	7/31/2008	1
1308 - XXX	D	RIVERFRONT TENNIS COURTS	CITY OF LIVERMORE	\$24,720.00	C	6/17/2004	7/31/2009	1
1426 - XXX	D	CALHOUN MEMORIAL PARK	CITY OF CALHOUN	\$9,131.00	C	4/19/2011	7/31/2014	1
1439 - XXX	D	JERRY ZUEHL MEMORIAL SKATE PARK	CITY OF LIVERMORE	\$20,000.00	A	8/7/2012	7/30/2016	1

**MCLEAN County Total:**

**\$115,943.10**

**County Count:**

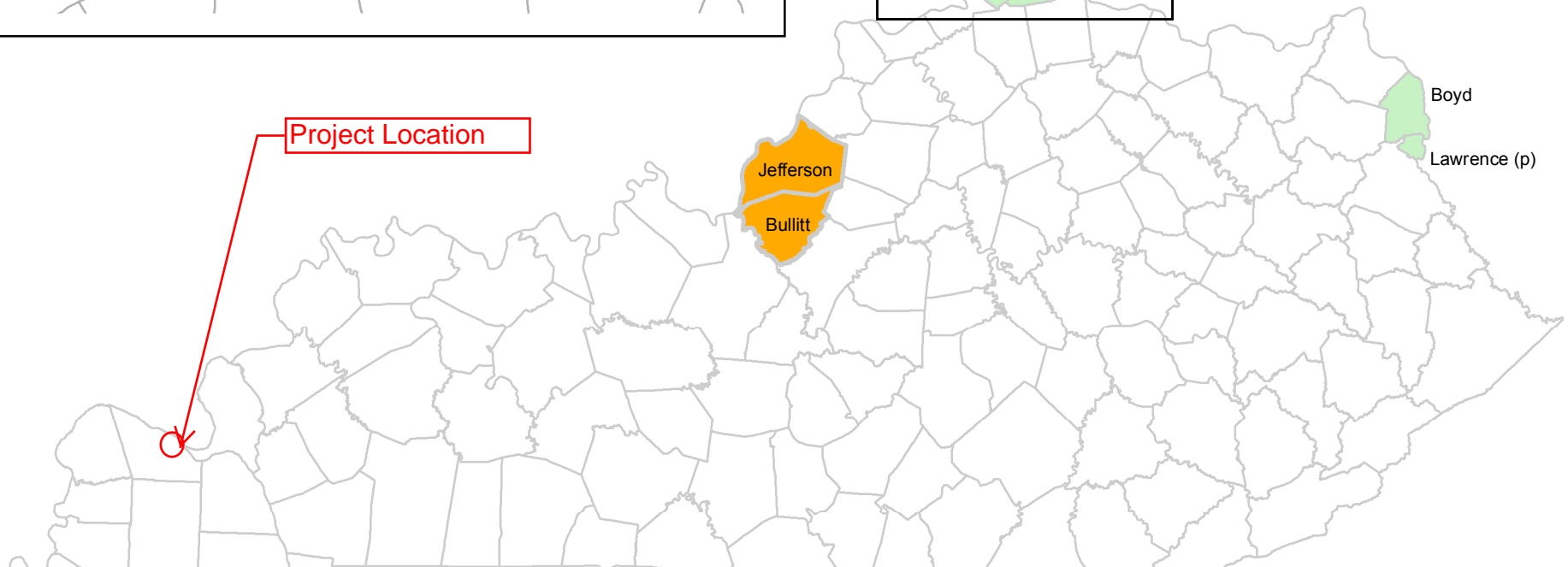
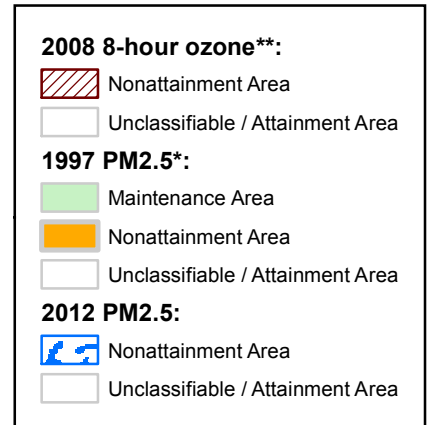
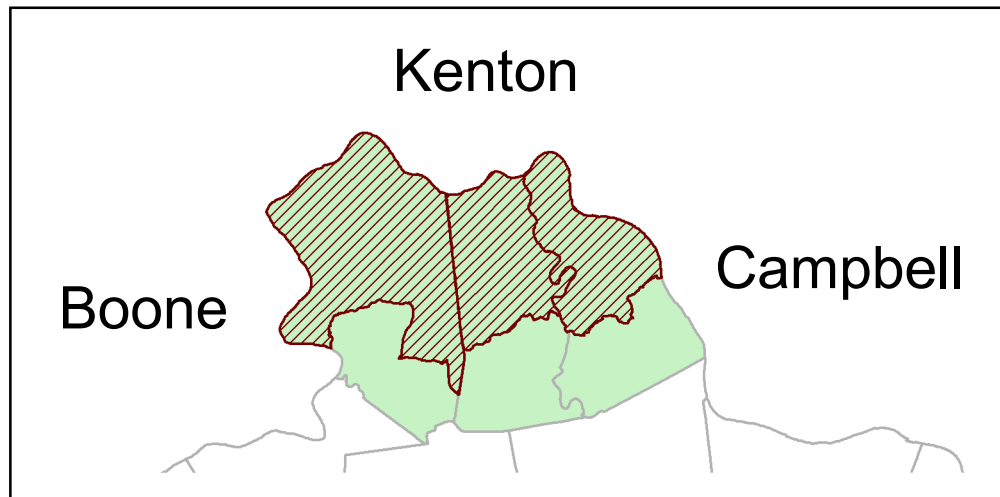
**9**

## **ATTACHMENT 4**

### **AIR QUALITY - TRANSPORTATION RELATED POLLUTANTS**

- Areas of Air Quality Concern in KY (October 2016)

# Areas of Air Quality Concern in KY



\*1997 PM2.5 standard to be revoked for Unclassifiable, Attainment, and Maintenance areas only on Oct. 24, 2016. Nonattainment areas must continue transportation conformity until redesignated by EPA at a later date.

\*\*Boone, Kenton, and Campbell are partial counties in Nonattainment for the 2008 8-hour ozone standard.

## **ATTACHMENT 5**

### **CULTURAL ARCHAEOLOGICAL AND HISTORIC RESOURCES**

- Kentucky Office of State Archaeology (KOSA) Preliminary Records Review
- Kentucky Heritage Council (KHC) Preliminary Site Check



*Cultural Archaeological and Historic Resource reports provided as a separate file for resource agency  
non-disclosure compliance*