



100000131531

5 acres

128885
97575

130128

93781

3 acres

2 acres

1 acre

96603127881

4 acres

4 acres

77436

31038

129692

98382

6 acres

129691

98382

CLAY

27663

96478

127884

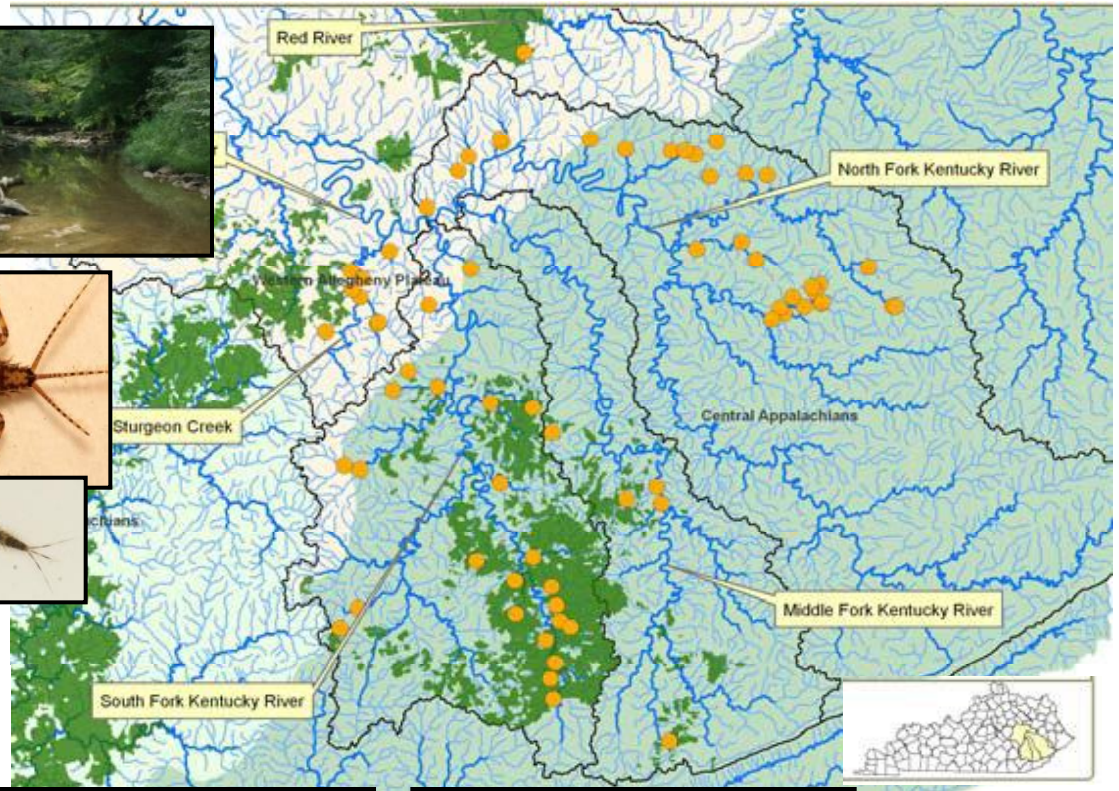
15651

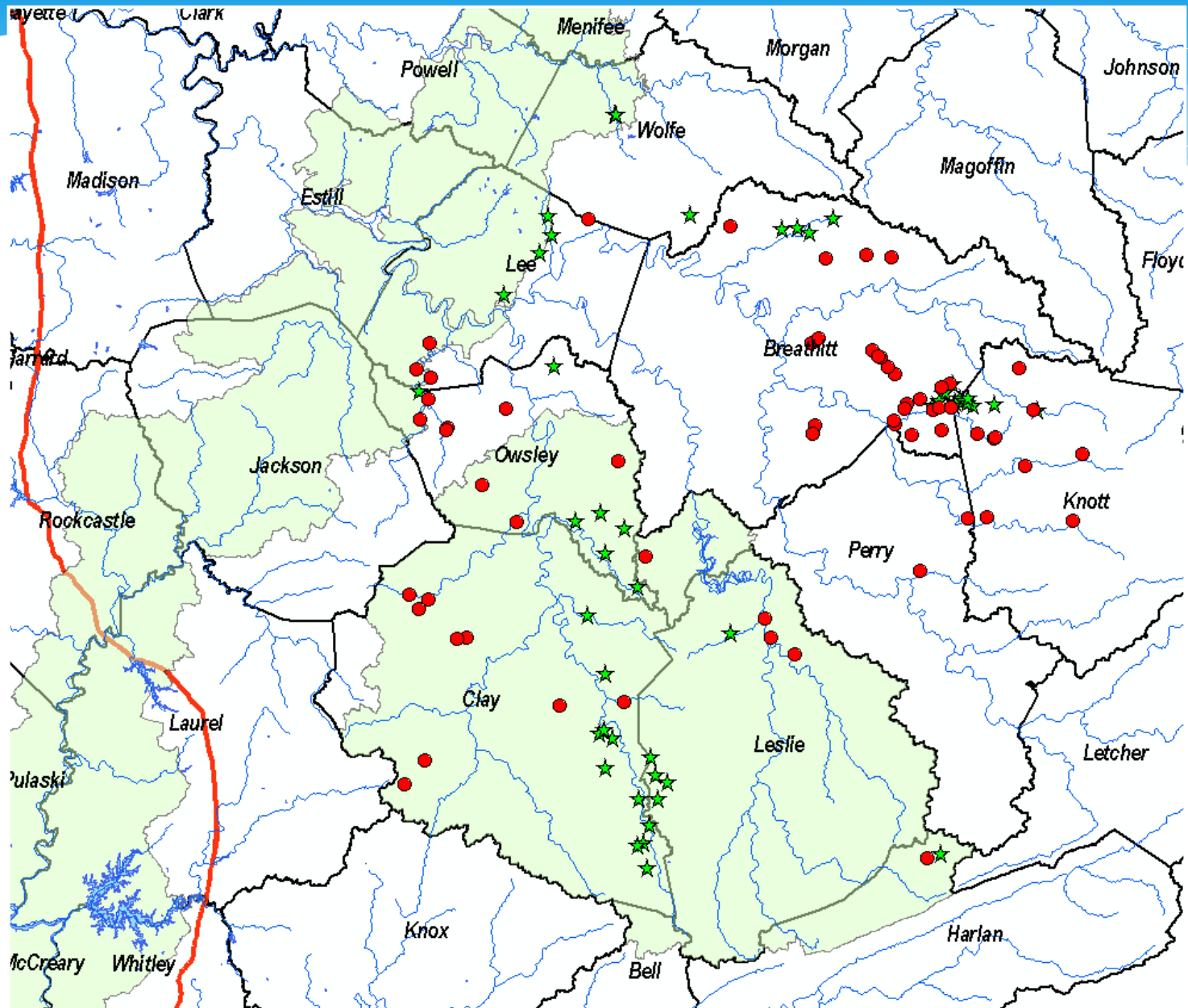
Drilling and Holding Pits

- * Drilling and holding pits, associated with oil and gas operations, have the potential to adversely affect migratory birds and other wildlife.
- * Drilling and holding pits also have the potential to contaminate nearby surface water and ground water. Contamination
- * events could result in “take” to listed aquatic species if these species inhabit that watershed or nearby caves

Kentucky Arrow Darter – Candidate Species

- Appearance
- Range: upper Kentucky River basin
 - 73 streams and 116 sites
- Habitat
- Diet
- Reproduction
- Common associates





Black-side dace
Cumberland darter
Cumberland Arrow darter
Several fresh water mussels
Big Sandy crayfish



Roads are a common and widespread issue.









PIPELINE
WARNING

IN CASE OF EMERGENCY
CALL
800-451-7734
FOR ASSISTANCE
AND INFORMATION







52A13



Management Considerations

Knowledge is Power!!

- * Determine your exposure to T&E Species.
- * Be proactive with up front planning and collaboration.
- * Establish baseline data.
- * Protect yourself from **Dooms Day**.

Programmatic Considerations

- * Determine your exposure to T&E species.
- * Develop BMPs for habitat conditions that can impact T&E species.
- * Develop MOA/MOU with USFWS to address management up front to avoid or minimize consultations, saving time and money.
- * Develop cooperative conservation plans for imperiled species to avoid listing.

For More Information

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