

**General Information for All Agencies:**

1. Applicant Name, Company, Contact Information including address and telephone number (including email if available)
2. Project name and description including a detailed location map of the site with the Township, Range, Section, latitudes/longitudes, GPS coordinates, and county. Include permanent and temporary activities.
3. Permits Required/Obtained – Federal, State, Local, Other

**U.S. Fish and Wildlife Service,** Mark Sattelberg, mark\_sattelberg@fws.gov

1. Estimated disturbance area
2. High quality detailed map (ie: USGS quadrangle map and aerial photo) that contains an outline/polygon of the proposed project disturbance area.
3. Tracking And Integrated Logging System (TAILS) Identification Number

**Arkansas Department of Environmental Quality,** Steve Drown, drown@adeq.state.ar.us

1. The proposed project will not cause a significant alteration of habitat, as per Reg. 2.304, Arkansas Water Quality Standards.
2. The proposed project will not result in any permanent or long-term impairment of designated beneficial uses, as identified by Reg. 2
3. The proposed project should be covered by a short term activity authorization if there is a potential to cause a temporary exceedence of a water quality standard.

**Arkansas Game and Fish Commission,** Bob Leonard, rkleonard@agfc.state.ar.us

1. AGFC Code 32.10 BLOCKING STREAMS PROHIBITED. 08-80  
It shall be unlawful to completely block or dam any stream so as to restrict a sufficient flow of water to maintain fish life downstream from such obstruction. PENALTY: \$200.00 to \$1,000.00.
2. AGFC Code 32.11 REQUIREMENTS FOR PUMPING FROM PUBLIC WATERS. 08-80  
It shall be unlawful to withdraw by relift or pump, water from public waters without first securely screening intake pipes of such relifts or pumps so as to prevent entry of any fish therein or to lower any body of water so as to endanger fish life. PENALTY: \$250.00 to \$1,000.00.
3. Use approved Best Management Practices for erosion control.

**Arkansas Natural Resources Commission,** Dannielle Gray, dannielle.gray@arkansas.gov

Summary of proposed project:

1. Start and end date of diversion
2. Intended Use
3. Conservation Plan – leakage and loss control, water reuse, promotion of water saving devices, drought emergency plan
4. Map – Clearly displays diversion point and intended use location
5. Diversion method – type of pump (Portable/Trailer Mount, Fixed, submersion), horsepower, discharge line diameter, Maximum rate of diversion (gal/min or cfs) of each pump, number of pumps to be running/staged
6. Number of Diversions Anticipated Annually

7. Intended Use Area (radius or specific)
8. Maximum Volume of Water to be Diverted Annually
9. Off-stream Storage Volume and location

Summary of surface water source:

1. Is the source a stream or pond?
2. Latitude/Longitude, Section, Township, Range, County
3. Use Type – Riparian or Non-Riparian--does the project require moving water from one property to be used on another?
4. Impoundment Information: Dam/Levee Height, holding capacity, minimum flow outlet or overflow details, surface area, volume, estimated drainage area
5. Stream Information – seasonal flow rate, gage info if available

### **Corps of Engineers**

Little Rock District: m4FayettevilleShale@usace.army.mil

Memphis District: Tim Davis, timothy.l.davis@usace.army.mil

Vicksburg District: regulatory@usace.army.mil

### **Regulatory Division**

1. Is the activity occurring in water?
2. Is the activity occurring near a Corps of Engineers lake?
3. Does the activity involve filling in or crossing of water?
4. Does the activity involve new or existing ponds, pipelines, roads?
5. Does the activity involve the rerouting of a stream for a well pad?
6. Are there pumps or intakes involved in withdrawing/diverting water from a waterway?
7. If you answer yes to any of the above 1 to 6 items, you need to coordinate your activity with the Corps of Engineers Regulatory Division. It is likely that you will then be required to submit a Department of the Army permit application form.

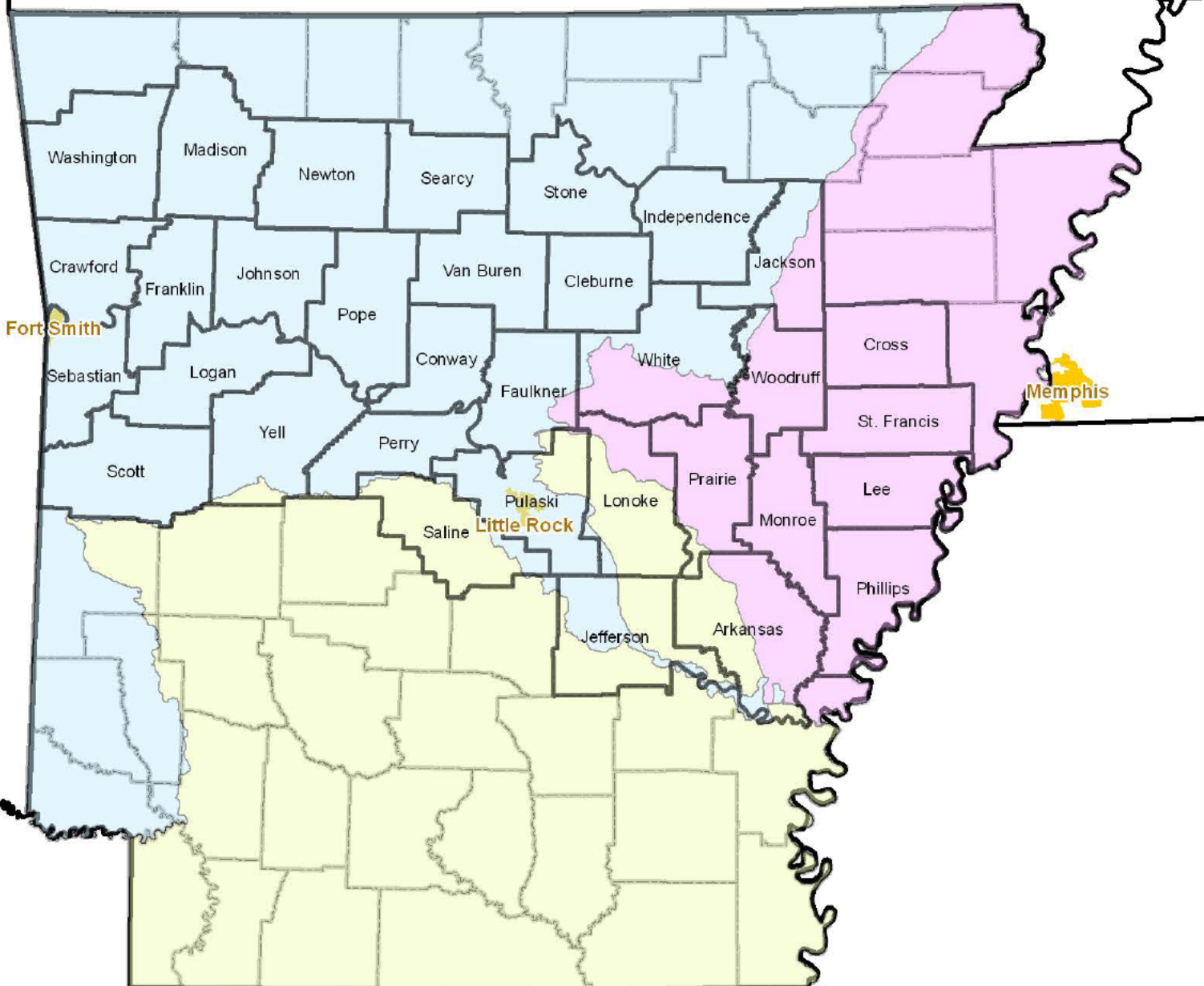
### **Operations Division**

1. Elevation of intake for any proposed water withdrawal.
2. Annual volume of water to be withdrawn (acre feet/ year).
3. Location of any wastewater disposal/discharge.

Springfield



# Fayetteville Shale Natural Gas Play



Fort Smith

Memphis

Bossier City

### Legend

- Counties Within Fayetteville Shale Geological Formation
- Little Rock District
- Memphis District
- Vicksburg District



US Army Corps  
of Engineers  
Little Rock District