EXHIBIT C

FINAL REVISED REGULATION
REGULATION NO. 2

REGULATION ESTABLISHING WATER QUALITY STANDARDS FOR SURFACE WATERS OF THE STATE OF ARKANSAS

Approved by Arkansas Pollution Control and Ecology Commission: July 26, 2019
grease shall be an average of no more than 10 mg/L or a maximum of no more than 15 mg/L. No mixing zones are allowed for discharges of oil and grease.

### Reg. 2.511 Mineral Quality

(A) Site Specific Mineral Quality Criteria

Mineral quality shall not be altered by municipal, industrial, other waste discharges or instream activities so as to interfere with designated uses. The following criteria apply to the streams indicated.

<table>
<thead>
<tr>
<th>Streamearning</th>
<th>Concentration-mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chlorides (Cl⁻)</td>
</tr>
</tbody>
</table>

#### Arkansas River Basin

**Arkansas River (Mouth to Murray Lock and Dam [L&D #7])**
- Bayou Meto (Rocky Branch to Bayou Two Prairie) 64* ER ER
- Bayou Meto (mouth to Pulaski/Lonoke county line) 95** 45** ER
- Bayou Two Prairie (Pulaski/Lonoke county line to Northern boundary of Smoke Hole Natural Area) 95** 45** ER
- Bayou Two Prairie (Southern boundary of Smoke Hole Natural Area to Mouth) 95** 45** ER
- Rocky Branch Creek 64* ER ER
- Little Fourche Creek (Willow Springs Branch to Fourche Creek) ER ER 179
  - Willow Springs Branch (McGeorge Creek to Little Fourche Creek) ER 112 247
  - McGeorge Creek (headwaters to Willow Springs Branch) ER 250 432

**Arkansas River (Murray Lock and Dam [L&D #7] to Dardanelle Lock and Dam [L&D #10])** 250 100 500

**Cadron Creek**
- 20 20 100

**Arkansas River (Dardanelle Lock and Dam [L&D #10] to Oklahoma state line, including Dardanelle Reservoir)**
- James Fork 20 100 275
- Illinois River 20 20 300
- Poteau River from Scott County Road 59 to Oklahoma state line 120 60 500
- Poteau River from confluence of Unnamed trib to Scott County Road 59 185† 200† 786†
  - Unnamed trib from Tyson-Waldron Outfall 001 to confluence with the Poteau River 180† 200† 870†

#### White River Basin

**White River (Mouth to Dam #3)**
- Big Creek 20 30 270
- Unnamed trib from Frit Ind. ER 48* ER

5-9
DESIGNATED USES: ARKANSAS RIVER VALLEY ECOREGION

(Plates ARV-1, ARV-2, ARV-3)

**Extraordinary Resource Waters**
Cadron Creek including North Fork and East Fork (ARV-2, ARV-3)
Mulberry River (ARV-1)
Big Creek adjacent to natural areas (ARV-3)

**Natural and Scenic Waterway**
Mulberry River (ARV-1)

**Ecologically Sensitive Waterbodies**
None

**Primary Contact Recreation** - all streams with watersheds of greater than 10 mi² and all lakes/reservoirs**

**Secondary Contact Recreation** - all waters**

**Domestic, Industrial and Agricultural Water Supply** - all waters**

**Aquatic Life**

**Trout**
Little Red River below Greers Ferry Dam to Searcy (ARV-3)

**Lakes and Reservoirs** - all

**Streams**
Seasonal Arkansas River Valley aquatic life use - all streams with watersheds of less than 10 mi² except as otherwise provided in Reg. 2.505
Perennial Arkansas River Valley aquatic life - all streams with watersheds of 10 mi² or larger and those waters where discharges equal or exceed 1 cfs

**Site Specific Designated Use Variations Supported by Use Attainability Analysis**
Poteau River from U.S. Business Highway 71 to Oklahoma state line - no domestic water supply use (ARV-1, #2 and #4)
Unnamed tributary to Poteau River at Waldron - no domestic water supply use (ARV-1, #3)

**Except for those waters with designated use variations supported by Use Attainability Analysis or other investigations.
SPECIFIC STANDARDS: ARKANSAS RIVER VALLEY ECOREGION

(Plates ARV-1, ARV-2, ARV-3)

<table>
<thead>
<tr>
<th></th>
<th>Streams</th>
<th>Lakes and Reservoirs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature °C (°F)*</td>
<td>31 (87.8)</td>
<td>32 (89.6)</td>
</tr>
<tr>
<td>Trout waters</td>
<td>20 (68)</td>
<td></td>
</tr>
<tr>
<td>Arkansas River</td>
<td>32 (89.6)</td>
<td></td>
</tr>
<tr>
<td>Turbidity(NTU) (base/all)</td>
<td>21/40</td>
<td>25/45</td>
</tr>
<tr>
<td>Arkansas River(base/all)</td>
<td>50/52</td>
<td></td>
</tr>
<tr>
<td>Minerals</td>
<td>see Reg. 2.511</td>
<td>see Reg. 2.511</td>
</tr>
<tr>
<td>Dissolved Oxygen (mg/L)**</td>
<td>Pri.</td>
<td>Crit.</td>
</tr>
<tr>
<td>&lt;10 mi² watershed</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>10 to 150 mi²</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>151 mi² to 400 mi²</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>&gt;400 mi² watershed</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Trout waters</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

All other standards       | (same as statewide)  |

Site Specific Standards Variations Supported by Use Attainability Analysis
Dardanelle Reservoir - maximum temperature 35°C (95°F) (limitation of 2.8°C above natural temperature does not apply) (ARV-2, #1)
Poteau River from Scott County Road 59 to Oklahoma state line — chlorides 120 mg/L; sulfates 60 mg/L; TDS 500 mg/L (ARV-1, #2)
Poteau River from confluence with Unnamed tributary to Scott County Road 59 — chlorides 185 mg/L, sulfates 200 mg/L, TDS 786 mg/L (ARV-1, #4) †
Unnamed tributary from Tyson-Waldron Outfall 001 to confluence with the Poteau River — chlorides 180 mg/L; sulfates 200 mg/L; TDS 870 mg/L (ARV-1, #3) †

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* Increase over natural temperatures may not be more than 2.8°C (5°F).

** At water temperatures ≤10°C or during March, April and May when stream flows are 15 cfs and greater, the primary season dissolved oxygen standard will be 6.5 mg/L. When water temperatures exceed 22°C, the critical season dissolved oxygen standard may be depressed by 1 mg/L for no more than 8 hours during a 24-hour period.

† Not applicable for Clean Water Act purposes until approved by EPA.