EXHIBIT C

FINAL REVISED REGULATION

ARKANSAS POLLUTION CONTROL AND ECOLOGY COMMISSION

REGULATION NO. 2

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

Adopted by the Arkansas Pollution Control and Ecology Commission on August 25, 2017

Stream	Concentration-mg/L		
	Cl^-	$SO_4^=$	TDS
Little Red River (including Greers Ferry Reservoir)	20	30	100
Black River	20	30	270
Strawberry River	20	30	270
Spring River	20	30	290
Eleven Point River	20	30	270
Stennitt Creek	ER	ER	456*
South Fork Spring River	20	30	270
Myatt Creek	20	30	270
Current River	20	30	270
White River (Dam #3 to Missouri line, including Bull Shoals Reservoir)	20	20	180
Buffalo River	20	20	200
Crooked Creek	20	20	200
White River (Missouri line ~~to headwaters,~~ including Beaver Reservoir)	20	20	160
White River from Noland WWTP to 0.4 miles downstream (WR-02)	44†	60†	362†
White River from WR-02 to WH10052	30†	40†	237†
Kings River	20	20	150
West Fork White River	20	20	150
St. Francis River Basin			
St. Francis River (Mouth to 36° N. Lat.)	10	30	330
L'Anguille River	20	30	235
Tyronza River (headwaters to Ditch No. 6 confluence)	20	30	350
Ditch No. 27	ER	480	1200
Ditch No. 6 (mouth to Ditch No. 27 confluence)	ER	210	630
Tyronza River (mouth to Ditch No. 6 confluence)	20	60	350
Little River	20	30	365
Pemiscot Bayou	20	30	380
St. Francis River (36° N. Lat. to 36° 30' N. Lat.)	10	20	180
Ouachita River Basin			
Bayou Bartholomew	50	20	500
Chemin-A-Haut Creek	50	20	500
Overflow Creek	20	30	170
Bayou Macon	30	40	330
Boeuf River	90	30	460
Big Cornie Creek	230	30	500
Little Cornie Creek	200	10	400
Three Creeks	250	10	500
Little Cornie Bayou	200	20	500
Unnamed trib from GLCC 003	538*	35*	519*
Unnamed trib to Little Cornie Bayou	305*	ER	325*
Little Cornie Bayou from unnamed trib to State Line	215*	25*	500*
Walker Branch	180*	ER	970*

Seasonal Ozark Highlands aquatic life use - all streams with watersheds of less than 10 mi^2 except as otherwise provided in Reg. 2.505

Perennial Ozark Highlands aquatic life use - all streams with watersheds of 10 mi^2 and larger and those waters where discharges equal or exceed 1-cfs

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*As designated in the National Wild and Scenic Rivers System

**Except for those waters with designated use variations supported by Use Attainability Analysis or other investigations.

Site Specific Designated Use Variations Supported by Use Attainability Analysis or Other Investigations
Railroad Hollow Creek - no fishable/swimmable uses (OH-1, #1)
Columbia Hollow Creek - seasonal aquatic life use March-June (OH-1, #2)
Curia Creek - below first waterfall, perennial aquatic life use (OH-4, #3)
Moccasin Creek – below Arkansas Highway 177, perennial aquatic life use (OH-3, #4)
Stennitt Creek- from Brushy Creek to Spring River, no domestic water supply use (OH-4, #6)

SPECIFIC STANDARDS: OZARK HIGHLANDS ECOREGION

(Plates OH-1, OH-2, OH-3, OH-4)

	Streams		Lakes and Reservoirs
Temperature °C (°F)*	29 (84.2)		32 (89.6)
Trout waters	20 (68)		
Turbidity (NTU) (base/all)	10/17		25/45
Minerals	see Reg. 2.511		see Reg. 2.511
Dissolved Oxygen**	Pri.	Crit	see Reg. 2.505
<10 mi^2 watershed	6	2	
10 to 100 mi^2	6	5	
>100 mi^2 watershed	6	6	
Trout waters	6	6	

All other standards (same as statewide)

Site Specific Standards Variations Supported by Use Attainability Analysis
Railroad Hollow Creek: from headwaters to Spavinaw Creek - year-round dissolved oxygen - 2 mg/L (OH-1, #1)
Curia Creek - below first waterfall, critical season dissolved oxygen 6 mg/L (OH-4, #3)
Moccasin Creek - below Highway 177, critical season D.O. 5mg/L (OH-3, #4)
SWEPCO Reservoir - maximum temperature 54°C (limitation of 2.8°C above natural temperature does not apply) (OH-1, #5)
Stennitt Creek - from Brushy Creek to Spring River, total dissolved solids = 456 mg/L (OH-4, #6)
White River - from Noland WWTP to 0.4 miles downstream (WR-02), chloride = 44 mg/L, sulfate = 79 mg/L, TDS = 362 mg/L (OH-1, #7) †
White River - from WR-02 to WH10052, chloride = 30 mg/L, sulfate = 40 mg/L, TDS = 237 mg/L (OH-1, #8) †

Plate OH-1 (Ozark Highlands)