

ARKANSAS DEPARTMENT OF
POLLUTION CONTROL AND ECOLOGY

MINUTE ORDER NO. 75-33

LOCATION - SUBJECT: GRAND (NEOSHO) AND UPPER

WHITE RIVER BASIN PLAN
PAGE 1 of 1 PAGES

The Commission hereby approves the Grand (Neosho) and Upper White River Basin Plan as revised according to the attached errata sheet.

COMMIS-
SIONERS

[Handwritten signatures and initials over the COMMISSIONERS text]

Billy Frank
Chairman

Submitted by H.G. Hannah Date passed 7/25/75

Errata Sheet

Section 303(e) Basin Plan Grand
(Neosho) and Upper White River Basins

Pg. No. 11

The municipal water supply listing should reflect that Holiday Island is a legally formed Sewer Improvement District. The population of the District should be changed to 150. The source of water supply should be shown as four deep wells.

Pg. No. 64 Last Paragraph

The last paragraph on pg. 64 should be changed to read as follows:

As a result of these studies, Segments 3H and 4J have been classified as water quality limited because of dissolved oxygen violations. However, there are several stream reaches within these segments which do not contain any point source discharges at this time and have experienced no D. O. violations within the past five years. Consequently, the following stream reaches could be classified as effluent limited with regard to D. O.:

Stream	Reach
Little Sugar Creek	Hwy. 72 to Missouri state line, 14.5 miles
Spavinaw Creek	Hwy. 59 to Oklahoma state line, 10.5 miles
Flint Creek	Hwy. 12 to Oklahoma state line, 16 miles
Illinois River	Osage Creek to Oklahoma state line, 15.2 miles
	Muddy Fork to Osage Creek, 10.4 miles
Osage Creek	Little Osage Creek to mouth, 8.4 miles
War Eagle Creek	Beaver Reservoir to mile 14
	Mile 14 to Henderson Creek, 34.8 miles

Any potential discharger locating within these segments must be looked at to determine what effect their discharge will have on the stream. At this time the degree of treatment necessary to maintain water quality standards will be determined.

No wasteload analyses were made for nutrients because of the lack of data. The simplistic mathematical models used to predict stream D. O. are not capable of analyzing the nutrient effects upon the streams. More sophisticated models must be used for this purpose. Future revisions to the plan will address this problem more thoroughly.

Pg. No. 67 Table VI should be changed to read as follows:

<u>MUNICIPALITY</u>	<u>TYPE OF PROJECT</u>	<u>STATUS OF PROJECT</u>
Eureka Springs	Upgrading existing facilities	201 Facility Plan underway

MUNICIPALITY	TYPE OF PROJECT (cont)	STATUS OF PROJECT
Cave Springs, Tontitown, Lowell, Bethel Heights	Areawide collection system	201 Facility Plan underway
Elkins	New Treatment System	On FY 76 Grants List

Pg. No. 118

The inventory sheet title should be changed to read as follows:

Municipal Discharge Inventory
(Potable Water Treatment Plant Discharge)

The following Figure A-1 should be added to Appendix III

FIGURE A-1
SEGMENT RANKING TOTALS

<u>NO</u>	<u>RANK FACTOR</u>	<u>SEGMENT</u>	<u>POPULATION</u>	<u>SEVERITY OF POLLUTION</u>	<u>NEED FOR PRES. OF CLEAN WATER</u>	<u>POINT TOTAL</u>
1	170	3-B	30.0	25.9	2.5	58.4
2	165	5-C	6.4	40.0	2.5	48.9
3	160	4-E	1.0	38.3	5.0	45.2
4	155	2-D	2.3	40.0	2.5	44.8
5	150	2-F	2.8	22.5	7.5	32.8
6	145	3-H	7.1	21.7	2.5	31.3
7	140	4-I	1.5	17.4	10.0	28.9
8	135	3-G	4.7	20.4	2.5	27.6
9	135	4-C	2.1	23.0	2.5	27.6
10	130	4-A	1.8	22.1	2.5	26.4
11	125	4-B	5.4	14.5	2.5	22.4
12	120	5-B	5.0	14.5	2.5	22.0
13	115	3-E	3.0	15.3	2.5	20.8
14	110	1-A	2.8	14.9	2.5	20.2
15	105	2-A	2.4	14.9	2.5	19.8
16	100	3-A	5.7	10.2	2.5	18.4
17	95	6-C	---	15.3	2.5	17.8
18	90	1-C	1.6	13.6	2.5	17.7
19	85	4-G	.8	14.0	2.5	17.3
20	80	1-B	3.9	9.8	2.5	16.2
21	75	2-C	1.9	11.5	2.5	15.9
22	70	2-B	1.4	9.4	10.0	13.3
23	65	4-H	.3	2.6	2.5	12.9
24	60	3-C	2.2	7.7	2.5	12.4
25	55	4-J	3.3	6.4	7.5	12.2
26	50	4-F	.7	3.0	2.5	11.2
27	45	6-B	---	8.5	2.5	11.0
28	40	1-D	.5	---	2.5	10.5
29	35	5-D	3.3	4.3	2.5	10.1
30	30	4-D	1.1	4.7	2.5	8.3
31	25	3-F	1.2	4.3	2.5	8.0
32	20	5-A	1.5	3.4	2.5	7.4
33	15	3-D	.3	1.7	2.5	4.5
34	10	2-E	.2	.4	2.5	3.1
35	5	6-A	---	---	2.5	2.5