

Arkansas WATERplan

Essential For Life

Newsletter June 2014

How Much Water Does Arkansas Use?

The Arkansas Natural Resources Commission (ANRC) is now working on the Arkansas Water Plan Update Executive Summary. This draft document will be completed around the end of June, and public meetings will be held later this year to receive comments. The finalized document will be completed in November, at which time ANRC will determine how to implement the Plan over the course of several months and even years.

One of the most crucial aspects of the Arkansas Water Plan Update was the determination of “water demand” now and to the year 2050. This effort has been completed, along with a water availability report (supply) through the year 2050. A gap analysis was developed to determine where and how much of a shortage there will be in areas of the state during the next 40 years.

Recommendations are being finalized that address how

water shortages will be resolved.

Water use is estimated to increase statewide by 13% by 2050. Currently, 27% of Arkansas’s water demands are met using surface water, and 73% comes from groundwater. Agriculture is the biggest water user.

In the table below, you will find all the water use sectors and the amounts that are used now, and usage projected through 2050. The Demand Report and many other technical documents can be found at the Arkansas Water Plan website www.arwaterplan.arkansas.gov. If you have questions, call ANRC at (501) 682-1611.

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Table 2.2 Water Demand Forecast in MGD, with Thermoelectric Power Consumption

	Base Period	2015	2020	2025	2030	2035	2040	2045	2050
Crop Irrigation	8,816	9,161	9,507	9,724	9,941	9,980	10,020	10,030	10,040
Thermoelectric	81	98	99	99	99	100	100	101	101
Municipal	385	393	405	418	431	446	463	482	503
Industrial	291	281	273	261	249	237	224	213	202
Duck Habitat	259	259	259	259	259	259	259	259	259
Aquaculture	103	103	103	103	103	103	103	103	103
Livestock	27	27	29	29	29	29	29	29	29
Self-Supplied Domestic	13	13	13	13	13	13	13	14	14
Shale Gas	11	10	9	8	0	0	0	0	0
Mining	6	6	6	7	9	10	11	12	14
Self-Supplied Commercial	5	6	6	6	6	6	7	7	7
TOTAL	9,997	10,358	10,709	10,928	11,140	11,184	11,230	11,250	11,272



Comments are welcome!

Email comments or questions to: arkansaswater@cdmsmith.com

Website: www.arwaterplan.arkansas.gov

Telephone: Edward Swaim, Arkansas Natural Resources Commission, (501) 682-3979

Mail: Arkansas Natural Resources Commission, Attention: Water Plan

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ANRC encourages you to reproduce and distribute this newsletter.



How to Stay Involved in the Arkansas Water Plan Update

- Stay aware of the progress by using our e-mail newsletters <https://app.e2ma.net/app2/audience/signup/1722771/1716395/?v=a>, and frequently checking the website <http://arwaterplan.arkansas.gov/>.
- Review the data sources and calculations used to determine demands and supplies. They are included in the workgroup meeting materials on the website. Comment on any that can be improved.
- Look for areas of interest to you that are not specifically or adequately addressed in meetings and reports. Meeting minutes and agendas will be very helpful here, (minutes of meetings and agendas are located on the website) even without attending each meeting. If there are items that should get more attention, send comments to arkansaswater@cdmsmith.com.
- Go or send representatives to applicable public information meetings (Schedule of meetings will be located on the website).
- Keep your constituency, local government officials, and legislators informed about the Plan and your interest in it.
- Especially get involved and be heard during the fall 2014 period when the Draft Executive Summary will be available for public review and comment.