



## *Agenda Commentary*

**Item Title/ Subject:** Water Restrictions – Fee Increase

**Staff Source:** City Manager, Steve Hewitt

**Date:** August 12, 2011

**History/Background Information:**

Two weeks ago we discussed our water consumption and drought conditions. We have fortunately received some small amounts of rain, which have reduced usage on those particular days. However, temperatures have remained high and our lake remains over 12' below average. Usage remains above average.

Council asked staff to look at passing our Foss overage costs onto high users. Many citizens have invested many dollars in landscaping, and must continue high usage to save that investment. If so, they should pay for that premium water.

Approximately 70% of the community uses under 14,000 gallons per month (residential), nearly 30% of our residents/customers use up to 86,000 gals, which is 2/3 of our water usage.

**Item/Subject Summary:**

Reviewing our fees from Foss last month (\$105,421.61 overage costs), staff tried to determine what fee increase would help offset additional costs. Our Arapaho agreement is \$3.84 per 1000 gals. The contract does not allow for adjustments if needed for costs increases. Increasing our rates (after 14,000) would be \$1.27 per 1000 if our high users paid \$3.84 per 1000. That would offset overage costs approximately 18%.

**Price/Cost:** \$1.27 per 1000 gal. increase to all Residential and Landscape users above 14,000 gals.

**Recommendation:** Staff recommends increasing user rates up \$1.27 per 1000, what City of Arapaho currently pays. I do not feel it's fair/appropriate to increase our citizens above outside users. As for our other outside City Limit customers we suggest the same \$1.27 increase.

This should help reduce higher users and offset some of our overage fees we are currently paying with Foss.

\*\*\*In addition, I suggest implementing our water restrictions. We need consumption to decrease. Combinations of rate increase and restrictions should help.

Recommendation for 30 days. Cooler temperatures and hopefully more precipitation will help us manage this concern.

FOSS RESERVOIR MASTER  
 CONSERVANCY DISTRICT  
 HC 66 BOX 102  
 FOSS , OK 73647-9616

\*\*\*\*\*  
 STATEMENT  
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Phone: (580) 592-4421 Fax: (580) 592-4550 TDD (866) 619-9616  
 FOSS RESERVOIR M.C.D. IS AN EQUAL OPPORTUNITY PROVIDER AND EMPLOYER

REMIT TO:  
 FOSS RESERVOIR M.C.D.  
 HC 66 BOX 102  
 FOSS, OK 73647-9616

DATE: 8/01/2011

CITY OF CLINTON  
 PO BOX 1177  
 CLINTON, OK 73601

WEEK	HAY'S ST	CANYON W.	TOTAL GAL	ALLOTMENT	OVERAGE	PRO-RATA	DUE
1	10,067,100	375,000	10,442,100	4,802,959	5,639,141	\$2.55	\$14,379.81
2	12,502,800	353,000	12,855,800	4,802,959	8,052,841	\$2.55	\$20,534.74
3	13,169,500	366,000	13,535,500	4,802,959	8,732,541	\$2.55	\$22,267.98
4	13,585,900	407,000	13,992,900	4,802,959	9,189,941	\$2.55	\$23,434.35
5	13,475,600	391,000	13,866,600	4,802,959	9,063,641	\$2.55	\$23,112.28
<b>TOTAL</b>	<b>62,800,900</b>	<b>1,892,000</b>	<b>64,692,900</b>		<b>40,678,105</b>		<b>\$103,729.17</b>

MONTHLY TOTAL FOR EXTRA WATER USAGE FOR JULY 11

**\$103,729.17**

MONTHLY ASSESSMENT FOR PLANT & AQUEDUCT

**\$60,579.91**

MONTHLY ASSESSMENT FOR DAM & RESERVOIR

**\$3,277.52**

*663,700*  
~~429,600~~ ÷ 1000 × 2.55

SUBTOTAL

**\$167,586.60**

PLUS FARM METERS

~~1095.48~~ 1692.44

TOTAL DUE FOR THE MONTH

~~168682.08~~ 169279.0

*Aug assessment 63,857.43*  
*July average 104,824.65 105421.61*

*corrected*



## Agenda Commentary

**Item Title/ Subject:** Water Restrictions

**Staff Source:** City Manager, Steve Hewitt

**Date:** August 2, 2011

**History/Background Information:** The City Water supply is split between Clinton Lake and the Foss R.O. facility. Our weekly allotment from Foss is 4,802,959 gallons (\$2.90 per 1000 gal.), which is an average of 686,137 gallons per day. Our cost per gallon over our allotment is \$2.55 per 1000 gals. City rates are \$11.88 for first 2000 gals, \$2.21 next 2000 gals, \$2.10 next 10,000 gals, \$2.57 next 86,000 gals, and \$2.76 over 100,000 gals.

Past history for average July.... 2009 City took 21,276,500 gallons from Foss; 2010 22,823,020 gallons from Foss; this year we expect to take/need 58,032,000 gallons from Foss. The City is averaging 747,000 more per day than our average. The City Water Fund sees a financial loss for overage taken from Foss....

**Item/Subject Summary:** Clinton Lake is down 11'10" as of July 26<sup>th</sup>, 2011. Losing an average of 1" per week in depth. Clinton Lake has only 10' remaining for water consumption/distribution. The past 2 weeks the City implemented voluntary water rationing. However, usage actually increased. The combination of Clinton Lake levels, cost of purchasing from Foss, and weather forecast create concern. Water Restrictions should be implemented.

Weather: 30 days in a row currently over 100 degrees. Since May 1<sup>st</sup>, 47 days have registered over 100 degrees, and 71 days over 90 degrees. July has seen an average of 104 degrees high and nearly 80 degrees for low. We are in a severe weather pattern, the City must be proactive.

City total usage is up nearly 1,000,000 gals per day. We need to reduce consumption.

**Price/Cost:** Estimated \$90,000 overage costs for July (from Foss Facility). Clinton depth creates increase in chemicals and operational costs, unknown what increased costs will total.

**Recommendation:** Staff recommends proposed ordinance 935 to add to our Code Book for future Water Conservation issues. In addition to 935, staff recommends implementing Water Restrictions (Resolution PW11-01).

Staff recommends continuing indefinitely until significant improvements occurs. We hoping to prevent any water emergencies

<b>CURRENT RATES AS OF JULY, 2011</b>
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**Inside City Limits:**

	<b>Current</b>	<b>PROPOSED</b>
For First 2,000 gallons	11.88	11.88
Per thousand for the next 2,000 gallons	2.21	2.21
Per thousand for the next 10,000 gallons	2.10	2.10
Per thousand for the next 86,000 gallons	2.57	2.57
Per thousand for any gallons over 100,000	2.76	2.76

**Outside City Limits:**

	<b>Current</b>	<b>PROPOSED</b>
For First 2,000 gallons	17.82	17.82
Per thousand for the next 2,000 gallons	3.31	3.31
Per thousand for the next 10,000 gallons	3.16	3.16
Per thousand for the next 86,000 gallons	3.86	3.86
Per thousand for any gallons over 100,000	4.15	4.15

**Arapaho:**

	<b>Current:</b>	<b>PROPOSED</b>
Per 1,000 gal.	3.84	3.84

**Water Surcharge:**

	<b>Current:</b>	<b>PROPOSED</b>
	.16	.16

**Sewer Rates: 60% of water**

	<b>Current:</b>	<b>PROPOSED</b>
<b><u>BASE</u></b>	7.13	7.13

Minimum base charge is for up to 2,000 gallons of water used

Residential Sewer is calculated at 60% of the water billed with the maximum residential amount being \$25.00.

Commercial accounts are calculated at 60% of water billed with no sewer cap

Industrial – Bar-S 90% of water billed – NO Sewer Cap

**Sewer Surcharge:**

	<b>Current:</b>	<b>PROPOSED</b>
	7.68	7.68

# WATER CHART

DATE	CLINTON	FOSS	TOTAL
06/25/2011	2,242,000.00	1,300,000.00	3,542,000.00
06/26/2011	2,011,000.00	1,289,600.00	3,300,600.00
06/27/2011	2,142,000.00	1,189,500.00	3,331,500.00
06/28/2011	2,352,000.00	1,389,600.00	3,741,600.00
06/29/2011	1,800,000.00	1,289,400.00	3,089,400.00
06/30/2011	1,628,000.00	1,459,700.00	3,087,700.00
07/01/2011	1,772,000.00	1,560,500.00	3,332,500.00
07/02/2011	1,773,000.00	1,561,300.00	3,334,300.00
07/03/2011	1,733,000.00	1,560,000.00	3,293,000.00
07/04/2011	1,492,000.00	1,560,300.00	3,052,300.00
07/05/2011	1,496,000.00	1,679,300.00	3,175,300.00
07/06/2011	1,573,000.00	1,706,300.00	3,279,300.00
07/07/2011	1,581,000.00	1,870,400.00	3,451,400.00
07/08/2011	1,589,000.00	1,870,500.00	3,459,500.00
07/09/2011	1,596,000.00	1,848,000.00	3,444,000.00
07/10/2011	1,566,000.00	1,849,700.00	3,415,700.00
07/11/2011	1,585,000.00	1,934,500.00	3,519,500.00
07/12/2011	1,585,000.00	1,802,000.00	3,387,000.00
07/13/2011	1,578,000.00	1,967,500.00	3,545,500.00
07/14/2011	1,570,000.00	1,851,500.00	3,421,500.00
07/15/2011	1,586,000.00	1,856,300.00	3,442,300.00
07/16/2011	1,724,000.00	1,856,500.00	3,580,500.00
07/17/2011	1,731,000.00	1,857,000.00	3,588,000.00
07/18/2011	1,713,000.00	1,913,700.00	3,626,700.00
07/19/2011	2,013,000.00	2,230,400.00	4,243,400.00
07/20/2011	1,988,000.00	2,050,400.00	4,038,400.00
07/21/2011	1,919,000.00	2,024,900.00	3,943,900.00
07/22/2011	1,836,000.00	1,787,300.00	3,623,300.00
07/23/2011	1,558,000.00	1,790,000.00	3,348,000.00
07/24/2011	1,412,000.00	1,786,500.00	3,198,500.00
07/25/2011	1,396,000.00	1,932,600.00	3,328,600.00
07/26/2011	1,773,000.00	1,998,700.00	3,771,700.00
07/27/2011	1,902,000.00	2,191,300.00	4,093,300.00
07/28/2011	1,919,000.00	1,714,900.00	3,633,900.00
07/29/2011	1,916,000.00	1,832,100.00	3,748,100.00
07/30/2011	1,723,000.00	1,561,000.00	3,284,000.00
07/31/2011	1,055,000.00	1,479,100.00	2,534,100.00

**Voluntary Ration Begun**

**Received Rain**

## AUGUST 2011 WATER CHART

DATE	CLINTON	FOSS	TOTAL
08/01/2011	1,118,000.00	1,845,300.00	2,963,300.00
08/02/2011	1,589,000.00	1,479,100.00	3,068,100.00
08/03/2011	1,652,000.00	1,821,700.00	3,473,700.00
08/04/2011	1,663,000.00	1,945,300.00	3,608,300.00
08/05/2011	1,569,000.00	2,000,700.00	3,569,700.00
08/06/2011	1,509,000.00	1,759,000.00	3,268,000.00
08/07/2011	571,000.00	1,760,000.00	2,331,000.00
08/08/2011	1,351,000.00	1,758,900.00	3,109,900.00
08/09/2011	1,174,000.00	1,536,600.00	2,710,600.00
08/10/2011	1,351,000.00	1,595,400.00	2,946,400.00
08/11/2011	1,300,000.00	1,653,100.00	2,953,100.00
Received Rain			