AGENDA DETAILS

I. Welcome

II. Roll call – Lyle Wobker (Chair & Agriculture 2)

III. Approve Agenda

IV. Review of January 2022 RAC Meeting Notes

V. Update on House Bill 2686 – Lauren Campbell (KWO)

VI. Introduction and overview of State Water Plan Fund insights webpage – Lauren Campbell (KWO)

VII. Discussion on drought in the region - Lauren Campbell (KWO)

VIII. Update on Kansas Water Plan process – Angela Anderson (KWO)

IX. Review of regional goals and action plans – Angela Anderson (KWO)
   a. Reduce cumulative sediment loads entering Melvern, Pomona Lake, and Hillsdale Lake by 10% every 10 years to extend the life of existing infrastructure.
   b. Ensure water supply storage in the Marais des Cygnes is able to supply for 110% of the projected demands through the year 2050.
   c. Continually work to prevent the spread of ANS including Zebra and Quagga mussels into Kansas lakes that are not currently infested with working with the agencies focused on ANS.

X. Discussion on Hillsdale watershed best management practices (BMPs) – Lesley Rigney (Miami County Conservation District) and Kaitlin Knauss (Miami and Franklin County Conservation Districts)

XI. Questions and Future Issues from RAC Members

XII. Agency Input

XIII. Public Input

XIV. Adjournment

XV. Hillsdale watershed field tour - Lesley Rigney (Miami County Conservation District) and Kaitlin Knauss (Miami and Franklin County Conservation Districts)

Future Meetings
DROUGHT UPDATE
U.S. DROUGHT MONITOR – MARCH 17

U.S. Drought Monitor
Kansas

March 15, 2022
(Released Thursday, Mar. 17, 2022)
Valid 8 a.m. EDT

Intensity:
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
Adam Hartman
NOAA/NWS/NCEP/CPC

droughtmonitor.unl.edu
GOVERNOR’S DROUGHT DECLARATIONS – MARCH 17

Governor Declares Drought Emergency, Warnings and Watches for Kansas Counties
March 17, 2022

Map of Kansas counties with different colors indicating drought conditions: Emergency, Warning, and Watch.
DROUGHT – MARCH 17

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droughtmonitor.unl.edu

Governor Declares Drought Emergency, Warnings and Watches for Kansas Counties
March 17, 2022

Emergency  Warning  Watch
OBSERVED PRECIPITATION – LAST 14 DAYS
DROUGHT RECOMMENDATIONS – MAY 12

5/10/22 Round #1

[Map showing drought conditions with color-coded areas designated as Status quo and D1 dryness categories]
#1 REDUCE CUMULATIVE SEDIMENT LOADS ENTERING MELVERN, POMONA LAKE, AND HILLSDALE LAKE BY 10% EVERY 10 YEARS TO EXTEND THE LIFE OF EXISTING INFRASTRUCTURE.
Remaining Storage within Kansas Reservoirs

The vertical height of each bar represents total storage capacity. The blue indicates the 2021 capacity of each reservoir. The brown indicates the volume of sediment in each reservoir.

**Melvern Lake**
- 95.6% Remaining capacity
- 4.4% Capacity lost to sediment

**Pomona Lake**
- 73.2% Remaining capacity
- 26.8% Capacity lost to sediment

**Hillsdale Lake**
- 91.8% Remaining capacity
- 8.2% Capacity lost to sediment
<table>
<thead>
<tr>
<th>Member</th>
<th>Max Authorized (AF/yr)</th>
<th>% of Total</th>
<th>Max since 1990 (AF/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Ottawa</td>
<td>2,753.4</td>
<td>4.34%</td>
<td>2,024.1</td>
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<tr>
<td>Franklin County RWD No. 5</td>
<td>414.3</td>
<td>0.65%</td>
<td>385.29</td>
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<tr>
<td>City of Osawatomie</td>
<td>2,034.2</td>
<td>3.12%</td>
<td>1,082.6</td>
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<td>MoD Public Utility Authority</td>
<td>4,893.5</td>
<td>7.72%</td>
<td>1,338.8</td>
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<td>City of La Cygne</td>
<td>801.0</td>
<td>1.26%</td>
<td>444.4</td>
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<td>KCP&amp;L</td>
<td>33,697.0</td>
<td>53.17%</td>
<td>14,323</td>
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<tr>
<td>City of Melvern</td>
<td>61.4</td>
<td>0.1%</td>
<td>61.4</td>
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<tr>
<td>Melvern Marketing</td>
<td></td>
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<tr>
<td>Osage City, Burlingame, PW- WSD No. 12, Harveyville</td>
<td>2,263</td>
<td>3.57%</td>
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<tr>
<td>Pomona Marketing</td>
<td>171</td>
<td>0.27%</td>
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<tr>
<td>Osage RWD No. 3</td>
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<tr>
<td>Hillsdale Marketing</td>
<td>16,291</td>
<td>25.7%</td>
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<td>HAWC</td>
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<tr>
<td><strong>Total (AF/yr)</strong></td>
<td><strong>63,379.9</strong></td>
<td><strong>100%</strong></td>
<td><strong>19,559.59</strong></td>
</tr>
</tbody>
</table>

**Map Legend**
- Marketing Contract In AF/yr
- Assurance District Member Water Right Allocation In AF/yr

**Kansas Water Office**
#2- ENSURE WATER SUPPLY STORAGE IN THE MARAIS DES CYGNES IS ABLE TO SUPPLY FOR 110% OF THE PROJECTED DEMANDS THROUGH THE YEAR 2050.
#3- CONTINUALLY WORK TO PREVENT THE SPREAD OF ANS INCLUDING ZEBRA AND QUAGGA MUSSELS INTO KANSAS LAKES THAT ARE NOT CURRENTLY INFESTED BY WORKING WITH THE AGENCIES FOCUSED ON ANS.