

# Memorandum

**To:** Papio-Missouri River Natural Resources District Programs Projects and Operations Subcommittee  
**From:** Paul W. Woodward, PE, Groundwater Management Engineer  
**Date:** February 3, 2022  
**Re:** Review and Recommendation on the ENWRA Interlocal Agreement Amendment #7

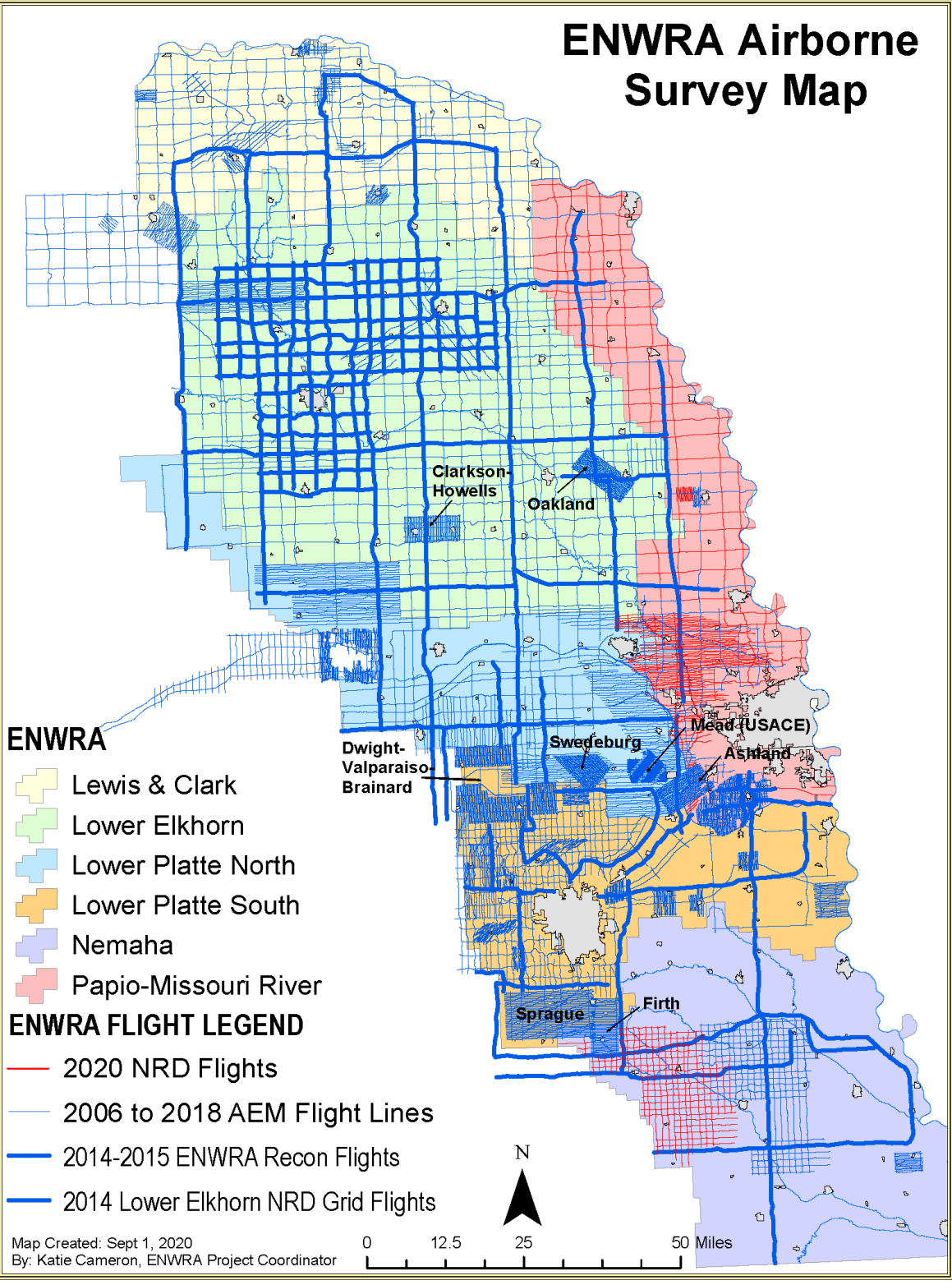
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The District has been a partner of the Eastern Nebraska Water Resources Assessment (ENWRA) project for 15 years. During this time, the original Interlocal Agreement has been amended six previous times to either better define the scope of work undertaken by ENWRA and its coordinator or extend the project timeframe. The annual contribution required from any of the NRDs has never been increased as part of these amendments. The P-MRNRD's annual contribution is still \$30,000. The proposed Amendment #7 is only to extend the term of the agreement and workings of ENWRA from June 30, 2022 to June 30, 2027.

ENWRA's long range plans continue to work toward defining, mapping, and preparing volumetric estimates of aquifers in the six cooperating NRDs. While a majority of the AEM data collection has been completed (see map), further investigation and analysis is still needed to better define real-world conditions affecting groundwater aquifer levels and recharge. ENWRA recently received a Water Sustainability Fund grant in the amount of \$144,000 for a cooperative project with USGS to collect and map recharge data in relation to near-surface AEM recharge values. Once various recharge areas are identified across the entire ENWRA area, additional monitoring will be conducted to help define recharge estimates. Results of this study over the next 3 years will certainly aid in groundwater model development and accuracy.

**Staff recommends that the subcommittee recommend to the Board of Directors that the General Manager be authorized to execute Amendment #7 to the Eastern Nebraska Water Resources Assessment Interlocal Cooperative Agreement with five other Natural Resources Districts to extend the term of the Agreement to 2027, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

# ENWRA Airborne Survey Map



**INTERLOCAL COOPERATIVE AGREEMENT**

BETWEEN THE

**LEWIS & CLARK NATURAL RESOURCES DISTRICT  
LOWER ELKHORN NATURAL RESOURCES DISTRICT  
LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT  
LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT  
NEMAHA NATURAL RESOURCES DISTRICT and  
PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT**

**AMENDMENT #7**

**THIS AMENDMENT #7** is made and entered into by and between the above natural resources district this \_\_\_\_ day of \_\_\_\_\_, 2022. The natural resources districts are hereinafter referred to collectively as the Districts. This Amendment supplements the original agreement effective as of January 18, 2007, and Amendments #1, #2, #3, #4, #5 and #6 effective as of April 28, 2020.

Modification #1: Article III, Section 3.02, as modified in Amendment #1, Modification #1, Amendment #4, Modification #1, Amendment #5, Modification #1, and Amendment #6, Modification #1:

The “Exhibit A” Cooperative Agreement references related to the coordinator position shall refer to the Amended Cooperative Agreement for the July 1, 2022 - June 30, 2027 term, attached hereto.

Modification #2: Article V, Section 5.02-5.03, original agreement, as modified in Amendment #1, Modification #3, Amendment #3, Modification #2 and Amendment #5, Modification #2:

These sections shall be changed to read:

## Item 3

The Districts shall contribute funding for the project for the entire term of the agreement which now terminates on June 30, 2027, unless further extended by mutual agreement of all Districts. The

Districts agree that funding for the fiscal year (FY) 2023 through FY 2027 will be as follows:

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
LCNRD	\$9,150	\$9,150	\$9,150	\$9,150	\$9,150
NNRD	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
PMRNRD	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
LENRD	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
LPSNRD	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
LPNNRD	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>Total</b>	<b>\$149,150</b>	<b>\$149,150</b>	<b>\$149,150</b>	<b>\$149,150</b>	<b>\$149,150</b>

**LEWIS AND CLARK NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

**LOWER ELKHORN NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

**LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

**LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

**LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

**PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_