

WSF 2018 Annual Report # 5189

PROJECT: Eastern Nebraska Aquifer Framework Mapping –WSF
Application #5189 (awarded November 2017)

DATE: MARCH 29, 2018
(FIRST ANNUAL REPORT DUE ON
OR BEFORE APRIL 1, 2018)

See Application 5189 Section D #2 For Project Scope Summary and Timeline

PROJECT PROGRESS NOVEMBER 2017 TO APRIL 2018:

In January 2018 the Lower Platte South Natural Resources District (LPSNRD), on behalf of the Eastern Nebraska Water Resources assessment (ENWRA), secured Aqua-geo Frameworks LLC (AGF) for the above-referenced eastern Nebraska Aquifer Framework mapping project and executed the Water Sustainability Fund (WSF) Grant award contract #5189. The six ENWRA NRDs (Lewis and Clark, Lower Elkhorn, Lower Platte North, Lower Platte South, Nemaha, and Papio-Missouri River) held several planning sessions for the Airborne Electromagnetic Survey (AEM) flights throughout January, February and March 2018. The Lewis and Clark and Lower Elkhorn NRDs have each signed separate additional contracts with AGF for additional AEM lines above and beyond the flight line coverages planned in the WSF #5189 application. Those additional lines will be included in the reporting products for the WSF #5189 framework mapping project thus exceeding the originally planned local match and associated project scope benefits for those district areas.

ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2019:

AGF is expected to secure a vendor for the AEM flights on or before May 15, 2018 and ENWRA will subsequently hold a technical committee meeting to discuss/approve the flight plan details (final flight line totals and adjustments depending on vendor bids). The flight campaign is expected to begin in late May or June 2018 and end in July or August 2018. The first of six chapter report deliverables is planned for December 31, 2018 (Lower Elkhorn NRD Chapter) with a partial reporting presentation and results delivery for the Lewis and Clark (side contract focus areas) in February 2019. The Nemaha NRD chapter report delivery is currently scheduled for March 21, 2019. The remaining report chapters will follow and be mentioned in the next April 1, 2019 WSF Annual status report.

ANTICIPATED CASH FLOW FOR REMAINDER OF THE PROJECT:

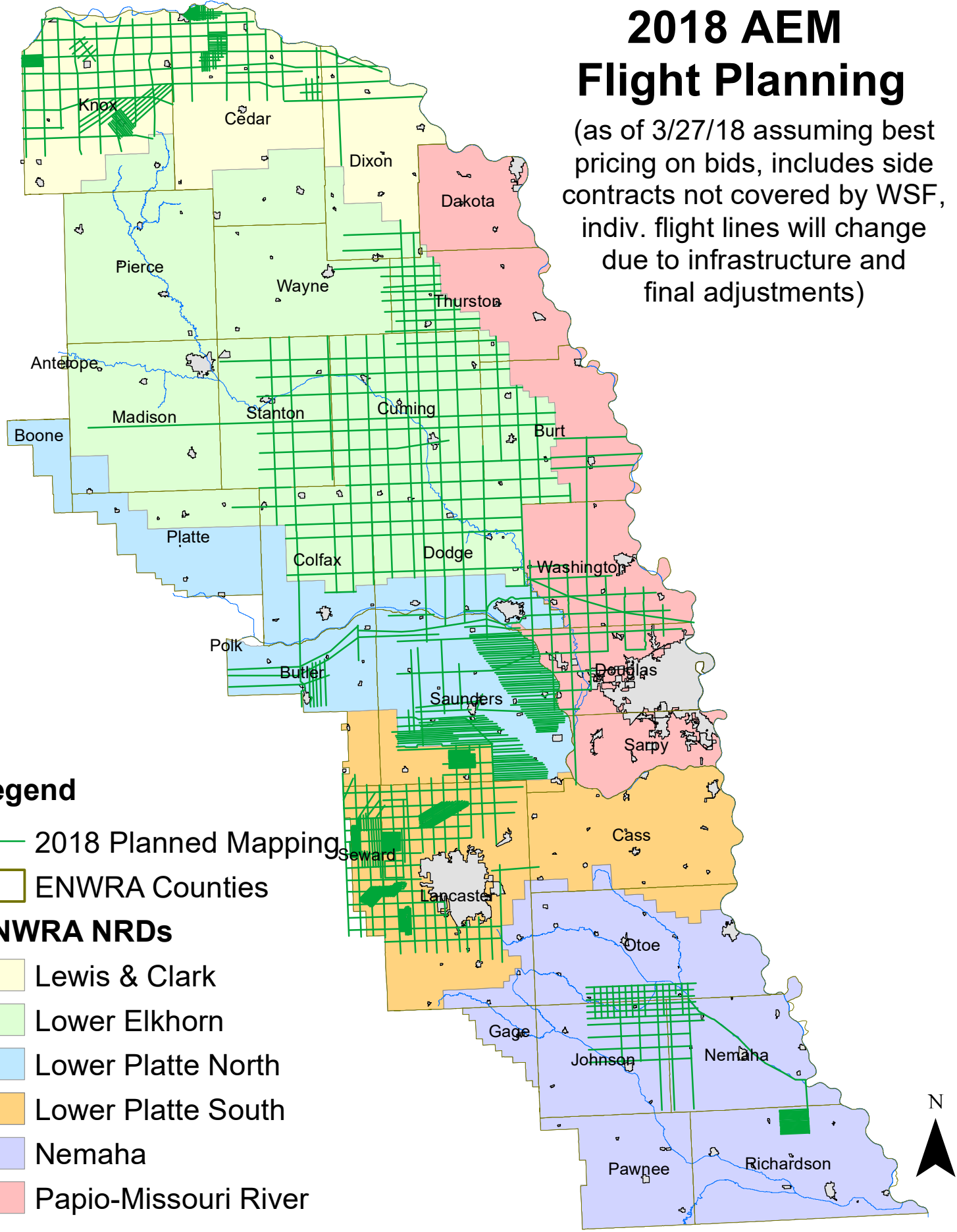
The initial reimbursement claim, claim 1 for \$590,400, was submitted in early March 2018. The next claim, claim 2 for 60% reimbursement on 50% of the total project costs is anticipated on or before July 15, 2018. Claim 2 is anticipated to be in the amount of \$984,000 from WSF (60% of AGF's \$1,640,000 invoice due at flight completion). The third and final claim of \$393,600 satisfying the \$1,968,000 award is anticipated around December 31, 2019 following the final report completion.

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION 5189 WILL BE REALIZED:

Based on previous project results provided by AGF, the project is on target for achieving the benefits as described in the application.

2018 AEM Flight Planning

(as of 3/27/18 assuming best pricing on bids, includes side contracts not covered by WSF, indiv. flight lines will change due to infrastructure and final adjustments)



Legend

- 2018 Planned Mapping
- ENWRA Counties
- ENWRA NRDs**
- Lewis & Clark
- Lower Elkhorn
- Lower Platte North
- Lower Platte South
- Nemaha
- Pappio-Missouri River

WSF Figure

Map Created March 28, 2018
By: Katie Cameron, ENWRA Project Coordinator

