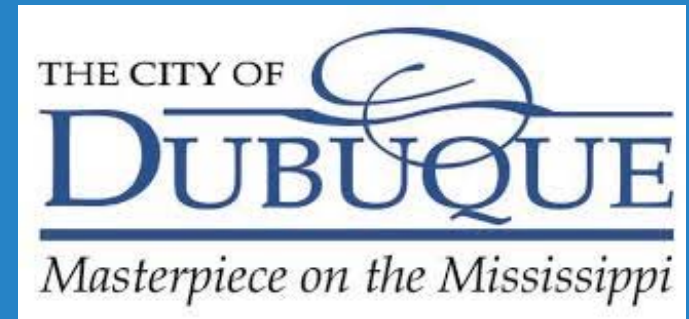


FY 2022 BUDGET DISCUSSION
DUBUQUE COUNTY WATERSHED 28E
FEBRUARY 8, 2021



28E AGREEMENT – WATERSHED PROGRAM

- Continued collaboration between the DISTRICT, COUNTY, AND CITY to build a watershed program focused on watershed protection, erosion control, and flood prevention – Adopted September 2020.
- 28E administration – County (\$223, 500k) City (116, 850k) 7 year agreement
- Agricultural engagement – land stewardship fund, conservation projects, relationships
- Stormwater, floodplain, erosion control permitting and inspections
- Watershed program director, urban watershed coordinator, conservation agronomist
- Performance based conservation program – County's Land Stewardship Fund \$390,000

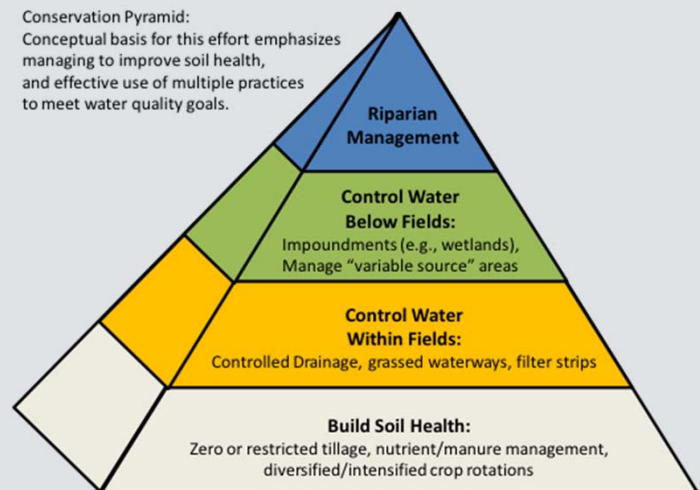
WATER MONITORING 2021

- Partner with University of Dubuque & SWCD for WQ monitoring efforts in 2021
- Monitoring Plan – March – October
- Budget: \$30,000-\$40,000 where does this come from?
- Select 7 HUC-12 watersheds – Houston Data, Monitoring Data, Feedback
- In-field Monitoring Projects
- Quarterly sampling all 30 HUC-12 outlets

- Well – Groundwater Discussion/Data?

CURRENT LAND STEWARDSHIP PROGRAMS

- \$390,000 Approved in County FY21 Budget for conservation “implementation” projects
- Reharvest (Soil & Water Outcomes) Program - \$150,000 DBQ County
- Truterra Insight Engine - \$100,000 DBQ County
- Eco-Services Program (Edge of Field/Structural/Buffer Program) \$140,000



TRUTERRA DISCUSSION – CHALLENGES, NEEDS, AND FEEDBACK

- Targeting 19 farmer/producers in 2021-2022
- Longer term contracts (tillage to no-till)
- Tiered Payment System \$2.50/acre – 1 year - \$3.00 – 3year - \$4-4 year, etc.
(Meetings scheduled with Truterra team and local team)
- Bonus Payment Structure = Rewarding the farmer/grower once the "maximum allowable" points are achieved (i.e., 80-85)?

HOUSTON ENGINEERING

- <https://storymaps.arcgis.com/stories/0ba8a893793c40a58632b7228f837327>
- \$5,000 on existing contract left with County for Technical Support
- ArcGIS Hub Website. (May 2021 Launch)
- NRCS Iowa for Partners for Conservation Grant
- \$21,000 Contract where would this come from?
- <https://hub.arcgis.com/pages/gallery>

OUTREACH AND EDUCATION

- Dubuque County Watersheds - Facebook Page – Twitter – Instagram
- You Tube Channel – (Dubuque County IT department)
- Billboards (3)
- Spring, Summer, and Fall Field Days
- Work with Ag groups, USDA NRCS, Farm Bureau, Commodity Groups, Practical Farmers of Iowa
- Signage? Apparel – Cover Crops? No-Till, etc.
- Additional 28e Meetings – Publish District Annual Report

CATFISH CREEK WATERSHED MANAGEMENT AUTHORITY BOARD

- Started with 1.4 Million – Currently \$650k
- Swiss Valley Park – Catfish Creek Stream Corridor Restoration Project – (\$250,000 allocated for project) currently being designed RDG Planning \$ Design
- \$100,000 (\$58K left) SQR Program (Urban)
- \$100,000 (\$65K left) Cover Crop Incentives (Ag)
- \$115,000 – Urban Detention Basin Project (Ian Laor)
- \$40,000 – Sediment Basin (Ag Landowner)
- Roughly \$540,000 Allocated

NRCS \$600,000 PLANNING GRANT

- Award Announcement December 2020
- Cost Benefit Analysis (engineering consulting firm)
- Northern Dubuque County
- Using Houston ACPF data identified and FEMA data to determine CBA in locations of potential projects
- February 10th Kickoff Meeting

Dubuque County Watershed 28E, February 8, 2021



November 20, 2020

Mr. Ed Raber, Interim Board Executive Director
Dubuque County
PO Box 5001
Dubuque, IA 52004-5001

SUBJECT: Funding Opportunity FY21 Watershed Flood Prevention Operation, Dubuque County

Dear Mr. Raber,

The Natural Resources Conservation Service (NRCS) has selected your application for the above referenced funding opportunity for award. The anticipated Federal share is \$600,000 and the non-Federal share is \$50,000, for a total of \$650,000.

This letter is not an authorization to begin performance or to incur costs prior to an award being fully executed. The Notice of Grant and Agreement Award (form NRCS-ADS-093), when signed by authorized NRCS official, is the authorizing and fully executed document. The incurrence of any pre-award costs, for which your organization would seek reimbursement after an agreement is fully executed, must first be negotiated and approved in writing by the NRCS. Any pre-award costs not approved by the NRCS will not be reimbursed and are incurred at your organization's own risk.

The next step in the process will be to discuss the details associated with the development of a potential agreement for your proposal. I will be in contact to provide some meeting date options for consideration.

If you have any questions, please contact me at 515-323-2211 or scott.cagle@usda.gov.

I look forward to working with your organization on this project.

Sincerely,

Scott Cagle, PhD
Assistant State Conservationist, Partnerships

Natural Resources Conservation Service
Grants and Agreements Services Branch
An Equal Opportunity Provider and Employer

FY 2022 BUDGET REQUEST

- **Land Stewardship Stewardship Fund - \$390,000 Request**
- \$140,000 – Edge of Field – Buffers – Structural Projects – **Engineering**
- FEMA Flood Control Projects -
- July 2021 – HMGP Project Funded (20% Mitigation -\$76 Million to the state of Iowa one time) – Little Maquoketa Watershed? (HEC-RAS model completed) (Private engineer must show flood reduction) (Willing landowners must sign documentation before)
- BRIC Funding September - December 2021 (Dyserville Collaboration)?
- ***Both Funding require 15% Match** (5 Million = \$750k)*
- NRCS – WPO Funding

- \$100,000 Truterra Insight Engine (tiered payment system – longer term contracts)
- \$150,000 Soil & Water Outcome Fund (Reharvest)

Measurable outcomes - Monitoring - Modeling - Education

“Environmental Markets” = documentation to success

CONTACTS

- Eric Schmechel – eric.Schmechel@dubuquecounty.us 920-327-0908
- John Wiley – john.wiley@dubuquecounty.us 503-957-0961
- Zach Timm – zach.timm@dubuquecounty.us 563-213-8388