

Projects Committee Meeting
Thursday, July 28, 2022 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

2. SWCP

We received our FY22-23 apportionment from the state for our SWCP program. Our allocation is \$86,748.17.

Eligible applications recommended by staff for fall 2022 SWCP total \$83,652.00 and one approved summer SWCP application for \$10,000. Our proposed FY23 SWCP allocation would be \$93,652.00.

The Board allocated \$28,800** for 2022 Lands for Conservation which will be budgeted under local funds.

2.A. SWCP Application Approvals

We have received eight eligible applications for our fall 2022 SWCP program.

B-
1- CHARLES \$
2 MEDINEE 10,0 TERRACE/TILE
2 R 00.00 OUTLET
S-
2- \$
2 GREGG 12,5 BASINS W/ TO -
2 FUJAN 00.00 SITE 26B
S-
3- \$
2 JAMES 12,5 BASINS W/ TO -
2 VANEK 00.00 SITE 26A
S- TERRACE/BASI
4- \$ N W/ TO
2 MICHAEL 12,5 COTTONWOOD
2 SWANSON 00.00 21-A
S-
5- \$ TERRACE/BASI
2 NICK 12,5 N W/ TO
2 SOUSEK 00.00 CZECHLAND
S-
6- \$
2 JOHN 8,8 BASINS W/ TO
2 KASPAR 52.00 (LOW)
S-
7- \$
2 NORM 2,3 TERRACE W/ TO
2 LINDGREN 00.00 (LOW)
S- \$ TERRACE/BASI
8- GREG 12,5 N W/ TO
8- DIVIS 00.00 WANAHOO

2.B. SWCP Payments

2.C. SWCP Cancellations

2.D. Wahoo Creek Cost Share Approvals

3. WATERSHEDS

3.A. Shell Creek

3.A.1. Shell Creek Environmental Enhancement Plan Implementation

Financials are being wrapped up for the current EPA/NDEE Section 319 grant that ends on 10/30/2022. A final report is due at the same time.

Our new grant is being drafted and will be submitted along with the required update (every 5 years) of our EPA 9-element Watershed Management Plan.

3.A.1.a. Tom Sprunk Bank Stabilization/Wetlands Project

Tom, Sean, Bill, and Ryan visited Tom Sprunk's wetland stabilization and tributary stabilization chute projects. It appears to be functioning as designed and is a good example for others. Tom mentioned that he might do a quick grazing and wildflower interseeding this fall/next spring. The potential to add signage/project recognition was discussed and will be discussed with the SCWIG in the future. Final invoice is attached for \$39,647.56. We previously reimbursed Tom \$6,500 (to clean up NET funds). Our obligation is 75% of the total project. $\$39,647.56 + \$6,500 = \$46,147.56 \times 75\% = \$34,610.67 - \$6,500 = \$28,110.67$ due to Tom Sprunk.

3.A.1.b. Shell Creek Grant Funding Update

Our current 319 grant has \$8,529.28 of grant funds and \$159,869.28 of required match remaining. Tom Sprunk's projects will finish grant funds and several completed activities will complete our required match: Colfax County Shell Creek Benching engineering, design, observation, oversight, excavation/shaping, and land rights, Bill Bos and NRD staff time, and EQIP landowner share.

3.A.1.c. Shell Creek South Branch Channel Improvement/Benching Project

We are finishing up with the final bills. As attached Colfax County has provided in kind costs for engineering and land rights along with a final invoice for construction costs of \$3,986.00. Per

our interlocal agreement (attached), the NRD has agreed to pay all construction work with the county providing all engineering work.

3.A.2. Septic System Application

We received a septic system upgrade application from Earleen Potmesil, for a residence in Platte County, ~1 mile south of Newman Grove. SCWIG cost-share request is for 60% up to \$6,500.

3.B. Wahoo Creek Watershed

3.B.1. Wahoo Creek Dam Site Planning Update & FYRA Invoices

3.B.2. Wahoo Creek Watershed Water Quality Plan Phase II

3.B.3. Olsson Design Update and Invoice

Andrew Phillips, of Olsson, will be available to discuss the status of the design/permitting progress of our Wahoo Creek Flood Reduction plan.

Attachments include:

Progress Report

Invoice 1: \$26,023.09

Invoice 2: \$39,428.25

Contract breakdown 2 sites

Contract breakdown 7 sites

4. JOINT WATER MANAGEMENT ADVISORY BOARD

4.A. Bridge Cameras & Stream Stage

Received an invoice from USGS for the installation and operation of 5 cameras and 2 stage-only streamgages on the Lower Platte River bridges. The invoice was for \$19,920.00 to be split 4 ways between Dodge County, Fremont, Papio-Missouri River NRD, and LPNNRD at \$4,980.00 each. We plan to pay in full and bill partners via already approved and signed agreements.

4.B. BRIC West Fremont Project

- 1) JEO was selected by the committee to complete the planning process.
- 2) Awareness regarding scope of work verbiage - conceptual vs final design. We don't know what we are designing yet. Attached email contains specifics.

4.C. Rod and Gun Club Project

Cost overrun discussions are ongoing with Nebraska Department of Economic Development

as there may be an opportunity to reallocate unused administration funds to supplement the overrun. Should this not be a possibility, the NRDs share will be \$14,145.19 (\$42,435.56 / 3).

4.D. Rawhide Creek Watershed WFPO

On 7/18 JEO updated the JWMAB on the status of the Rawhide Creek WFPO study, highlights:

JEO meets with NRCS (WFPO administrator) on 8/1 for a formal status update.

The "preferred alternative" is due to be finalized 9/22.

Design alternatives:

1. Detention cell creation - airport and Merlon England.
2. Fremont Cut-off road raise as a stand alone project.
3. Fremont Cut-off road raise with a berm/diversion combination to divert overflow towards Merlon England diversion.

JEO believes that the third alternative would provide the best flood reduction benefits and best benefit to cost ratio.

4.E. East Fremont/Elkhorn Township drainage studyd

On 7/18 JEO updated JWMAB on the status of the E.Fremont/Elkhorn township drainage study being funded through FEMA's advanced assistance program. Highlights:

JEO has had encouraging meetings with UP Railroad in discussing the need for the UPRR to increase flow (via culvert replacement to bridges) through their right-of-way on the southeast end of Fremont. Without the possibility of increased capacity at this location the reality of mitigating the stormwater drainage problems in Fremont is limited.

5. LOWER PLATTE RIVER CORRIDOR ALLIANCE

Partners meeting will be scheduled in October. Our dues will be billed after this meeting in Nov/Dec. Project ideas should be articulated to the group at the October meeting.

6. HAZARD MITIGATION PLAN UPDATE

Tom, Sean, and Ryan met with JEO on 6/30/2022 to briefly discuss the status of the NRD's Hazard Mitigation Plan due to expire in August 2025. JEO suggests plan sponsors begin the grant application process 2.5 to 3 years before the current plan expires to receive 75% federal cost share for the planning process. This means submitting the grant to NEMA ~December 2022. JEO is willing to prepare the grant application for us free of charge as long as we go through the federally required procurement (Request for Proposals/Qualifications) process before hand. As an alternative, the District can prepare and submit the application in-house and complete the procurement process while we are awaiting funding notification.

JEO estimated a basic plan update is roughly \$100k with add-ons in the \$50k neighborhood. An example of an add-on is the dam breach inundation mapping completed in 2020. Should any of the planning partners (counties, communities, etc.) be interested in add-ons, those will need to be included in the application this fall/winter. For those reasons, we are currently investigating procurement options.

7. EROSION AND SEDIMENT RULES AND REGULATIONS

8. OTHER

FY23 Budget will be discussed and handouts will be provided.

8.A. Potential Scrap Tire Collection

Waste Reduction and Recycling Incentive Grants:

- Recycling systems and equipment - Equipment used in integrated solid waste programs and projects, such as balers, shredders, densifiers, and trucks/trailers to collect recyclables
- Food and yard waste composting - brush chippers, tub grinders, compost turners, and compost screens
- Household hazardous waste, electronic waste, and pharmaceutical collection events
- School chemical cleanouts
- Market development for recycled materials
- Deconstruction of abandoned buildings owned by the city/county (available to cities of the first class, cities of the second class, villages, and counties of five thousand or fewer population)

Scrap Tire Grants:

- 50% reimbursement of crumb rubber for rubber modified asphalt, manufacturing, landscaping, or playground mulch
- 25% reimbursement of mats or tiles for playgrounds, poured-in-place playground surfaces, athletic tracks, and artificial turf football, soccer, and baseball fields
- 100% reimbursement of the cost of scrap tire cleanup events (political subdivisions, only)
- 50% reimbursement of capital costs for processing, manufacturing, collection, and transporting scrap tires
- Cost-sharing for civil engineering uses (\$20/ton)

Litter Reduction and Recycling Grants:

- Public Education - funding to promote recycling and litter reduction awareness through educational activities and program
- Cleanup - funding for cleanup activities on public spaces and roadways
- Recycling - funding for equipment and operating expenses

Illegal Dumpsite Cleanup Program:

- Available year-round to political subdivisions for illegal dumpsites along a road right-of-way. There are no deadlines for applications. The applications are currently received on paper.

9. ADJOURNMENT