

Regular Board of Directors Meeting
Monday, March 9, 2020 1:30 PM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. Call to Order

NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.

1.A. Meeting Notice

1.B. Inform Public on Location of Copy of “Open Meeting Act”

1.C. Pledge of Allegiance

2. Roll Call

2.A. Introductions

3. Approval of Agenda

Are there any additions or corrections to the agenda?

4. Comments - Advisors/Guests

4.A. Guest Comments

4.B. NRCS Report

4.C. NARD Report

4.D. NRC Report

4.E. Managers Report

4.F. Education Program

Tim Gokie, Head of Dam Safety with Nebraska Department of Natural Resources will be present to update the Board on Cottonwood 21-A and dam maintenance issues.

5. Approval of Minutes

Are there any additions or corrections to the minutes? If not they will be approved on consent agenda.

6. Report of Standing Committees

6.A. Executive Committee - Action as Required

6.A.1. UNFINISHED BUSINESS

6.A.1.a. Off Site Water Table Concerns Near Sand Creek

6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.a.1. Wanahoo Stilling Basin Meeting with FYRA

Mike Sotak was present on Thursday, March 5th 12:00 noon to discuss the Wanahoo stilling basin repairs and improvements.

6.A.2.a.2. NeRPA - Midwest Conference

The Nebraska 2020 Parks and Recreation Midwest Conference is being held April 26-28 in Fort Collins, Colorado. Early Bird registration is available until March 1st - \$205 after March 1 it is \$225

6.A.2.b. Reports

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find excuse of absence request from Director Johnson from the January Board Meeting.

6.A.3.b. Monthly Education Program

Tim Gokie, Head of Dam Safety with Nebraska Department of Natural Resources will be present at Board Meeting to update the Board on Cottonwood 21-A and dam maintenance issues.

6.A.3.c. Election Certification

Attached find a list of candidates that have filed for election for the Lower Platte North NRD Board. Non-incumbents have until March 2nd to file.

6.A.3.d. Sale of Sand Creek Dam Site #15

Attached find the online auction sale bill for Sand Creek Dam Site #15. Auction Open House will be Friday, April 3 - 9:00 a.m. at the Lake Wanahoo Education Building.

6.A.3.e. Office Security and Access

We have been unhappy with our office security system with ADT for some time. We are paying \$57 per month for an inadequate system. When bidding the education building

security and access we included our office security as an add-on system. Diode Technologies price to install keyless entry/access system and camera surveillance system for the office is \$6,103.15. This price does not require a monthly monitoring fee for an immediate savings of \$57.00 per month.

6.A.3.f. District dams and potential future costs.

Discussion is requested on the topic of current and future LPNNRD dam structures and the potential costs and budgeting needs as it relates to ongoing operation and maintenance.

6.A.3.g. Fremont, Dodge County and Fremont Rod and Gun Club Meeting (2-26-20)

Just an update, the following was discussed at the Operations Committee:

Directors Thompson, Olson, Pollard and Saeger and Gottschalk met with the group to discuss additional plans for repair of breach area on the property owned by Fremont Rod and Gun Club. The initial construction was completed last Saturday (2-22-20) at a total cost of \$ 188,618. This amount was below the estimated cost of \$ 200,000. At Wednesday's meeting discussion was in regards to the remaining work needed to close off the breach area. JEO has been in touch with the USACE and it appears, due to the emergency situation which still exists in the area the emergency work will be approved and allowed to be considered sufficient for a substantial portion of the final repairs.

The estimated total to complete the project is approximately \$100,000. By utilizing the savings of \$11,382 from the first phase, the additional amount needed would be \$88,618 total. With percentages remaining the same as before this would mean an additional \$11,077.25 would be LPNNRD's share.

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.6. FINANCE

6.A.6.a. Approval of Financial Reports

6.A.6.b. Approval of Managers Time and Expense Sheets

Attached find Gottschalk's time and expense sheets.

6.A.6.c. Accounts over 90 Days

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

There is nothing to consider.

6.B.2. WILD NE AND OTHER PROGRAMS

There is nothing to consider.

6.B.3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M crew has been cutting trees on District properties, burning tree piles and maintaining vehicles and equipment.

6.B.3.a. Clear Creek Levee Repairs by Corps of Engineers

The contractor for Lincoln Water Systems has finished their project within the Fuse Plug floodway. Our contractor is finishing the final grading in the Fuse Plug floodway from Lincoln water line to the river. They have removed most if not all excess material and stock piled it. They are moving the stock pile (random fill) to the breach in the levee just north of County Road F. They will have the breach 90% complete by March 1. The last 10% is placing rip-rap. They are having difficulty finding rock that meets specs and will probably rail in rock from Missouri. Some of the random fill will also be used on the levee at Thomas Lakes, along with some broken concrete rip-rap that came out of the breach area. The weather has been very good for work.

6.B.3.b. Rawhide Ditch 8 Repair - (FEMA)

Gana Excavating completed the emergency repairs on the Brand & Diers properties. For this emergency repair JEO has incurred additional cost for engineering and oversight of \$5,990.00, this is above the original scope of work as the landowners requested the breach areas be closed before Spring flooding. See attached Amendment No. 1 Scope of Work.

We are currently advertising for the remaining work along Ditch 8. There's a site showing on February 27th at 1:00 pm. Bids are due by 10:00 a.m. on March 5 and will be read aloud. Bids will be presented to the Board on March 9th for possible approval.

JEO sent out plans for bid to 13 contractors, five contractors were present at the site showing.

We received two bids - 1) Husker Engineering, Burwell, NE \$190,300 with a start date of March 23rd, 2) Kohl Construction, Schuyler, NE \$257,757 with a start date of April 6. JEO gave an opinion of cost between \$170,000 - 200,000. Motion Needed.

6.B.3.c. Wanahoo Stilling Basin (FEMA)

A special meeting, in which the entire Board is invited, with FYRA Engineering for question and answers on the Wanahoo Dam Stilling Basin repair will take place on March 5 at 12:00 pm at District Headquarters. A recommendation can be made at the March 9th Board Meeting on how to proceed.

6.B.3.d. Clear Creek Drainage District - Ditch 1

Staff met with a Clear Creek District representative and discussed sharing or assisting in

some of the maintenance items dealing with the short segment of Ditch 1 in the Thomas Lakes area. Lausterer will develop a Inter-local agreement regarding the assistance with maintenance to be approval by both District's.

6.B.3.e. District Park Regulations

The amended changes regarding "Snow Dogs" and ice fishing and target practice have been made, (See attachment). A recommendation to approve the Park Regulations as a whole as amended is needed.

Committee recommends striking "The District has the right to deny permission based on the condition and safety of the ice", under the Ice Fishing with a Motorized Vehicle regulation.

6.B.3.f. Landowner Request at Dam Cottonwood 22-A

Rachel Hawley a new landowner on the west end of Cottonwood 22-A is requesting permission to build a small cottage for seasonal use in the District's easement area, in the NW corner above the Emergency Spillway. (See Attachments).

Nebraska Dept. Natural Resources Dam Safety does not have a problem with this as long as the structure is higher than the top of dam elevation.

Lausterer is recommending that if we approve this structure in the easement area we ask the property owner to provide detailed construction specifications, exact location, building elevation, access point to building, follow zoning regulations and permitting, etc. we are basing our approval on specifications so these details can be amended to the easement.

Staff will notify Ms. Hawley of the required listed specifications she will need to provide before the District approves her project.

6.B.3.g. Fremont/Dodge County/Fremont Rod and Gun Club Repair

Directors Thompson, Olson, Pollard and Saeger and Gottschalk met with the group to discuss additional plans for repair of breach area on the property owned by Fremont Rod and Gun Club. The initial construction was completed last Saturday (2-22-20) at a total cost of \$ 188,618. This amount was below the estimated cost of \$ 200,000. At Wednesday's meeting discussion was in regards to the remaining work needed to close off the breach area. JEO has been in touch with the USACE and it appears, due to the emergency situation which still exists in the area the emergency work will be approved and allowed to be considered sufficient for a substantial portion of the final repairs.

The estimated total to complete the project is approximately \$100,000. By utilizing the savings of \$11,382 from the first phase, the additional amount needed would be \$88,618 total. With percentages remaining the same as before this would mean an additional \$11,077.25 would be LPNNRD's share.

Discussion and motion is requested.

6.B.3.h. Hay Recreation Area Lands

We will advertise to accept hay bids for portions of our recreation area lands at

Czechland, Homestead and Wanahoo. The Committee and Board will approve a bid(s) at a future meeting.

6.B.4. ROCK AND JETTY

Kay Poppe has sent an invoice and letter of request for cost share assistance for levee repair on Skull Creek in Saunders Co. Her tenant, Jordan Kremlacek, was not able to farm a large tract of land because of the flood damage. Kay's repair cost is \$6,943. She is eligible for 50% cost-share up to \$4,000.

6.B.5. LAKE WANAHOO

6.B.5.a. Lake Wanahoo Permit Sales

The District sold 302 permits in February for a total of \$5,360. YTD sales total \$21,485.

The short ice fishing season has slowed sales in comparison to the 2019 season (500 permits for \$9,677.50).

6.B.5.b. Lake Wanahoo Camping Revenue

The District has generated \$1,833.77 in camping revenue for the month of February. YTD totals are \$5,388.94.

6.B.5.c. Lake Wanahoo Primitive Cabins

Staff has received two quotes for the exterior construction of the proposed cabins to be built on the property (see attached map for location).

Wright Shed Co.: \$5,125.00 (estimate attached)

Hancock Construction: \$5,588.00

Staff has also been in contact with Butler Public Power District(BPPD). BPPD provides electric service to the campground and will need to run new service from the transformer near the Wanahoo shed down to the cabins. Initial estimates were above expected costs so staff is working on offering in-kind work to help lower the overall cost of that portion of the project.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

6.B.6.a.1. Radio & eAds

The end of February and March KTIC Radio ad and Wahoo Newspaper eAd are attached. These ads are promoting the availability of tree and shrub orders from the LPNNRD.

6.B.6.a.2. Viaduct

The 2020 winter issue of the Viaduct has been submitted for printing and distribution. Expected circulation date for the area newspapers will start 3-5-2020.

6.B.6.a.3. Analytics

Website Data

	Users	Sessions	Traffic Channel	Top Page	Views	Devices	Percent
January 1-31, 2020	942	1297	Organic 57.7%	Home	828	Desktop	63.42%
			Direct 22.4%	Lake Wanahoo	699	Mobile	32.30%
			Referral 16.5%	Downloads	172	Tablet	4.28%
			Social 15.5%	Staff	156		
				Contact	106		
				Board	91		
				Czechland	73		
				Forestry	72		
				Nitrogen Classes	59		
				Test Request	50		
February 1-26	804	1003	Organic 59.5%	Home	651	Desktop	62.69%
			Direct 23.7%	Lake Wanahoo	478	Mobile	33.33%
			Referral 13.8%	Staff	138	Tablet	3.98%
			Social 3%	Downloads	131		
				Board	108		
				Contact	91		
				Czechland	82		
				Forestry	67		
				Links	47		
				District Map	43		

Facebook Data

	Total Views/Impressions	Total Reach	Total Engaged Users	Followers
January 2020	4135	3990	112	910
Top post: NWS-Valley 2020 Flood Outlook	521	525	17	
Top Post: Tree orders available	374	366	10	
Top post: Nitrogen classes	361	350	10	
February 2020	3953	3879	95	949

Top post: HMP second round meetings (top 3)	556	544	42	
Top 4: Nebraska Cover Crop and Soil Health Conference	284	286	4	
Top 5: Spring Flood Outlook presentation Fremont	261	258	3	

Twitter Data

	Impressions	Engagements	Followers
January 2020	7669	83	308
Top Post: NWS-Valley 2020 Flood Outlook	1428	12	
Top Post: Tree Orders	1192	15	
Top Post: Prescribed Fire Training	1090	12	
February 2020	9833	158	313
Top Post: Shell Creek Watershed scholarship	1591	24	
Top Post: Nebraska Cover Crop/Soil Health Conference	1391	19	
Top Post: Tree orders available	909	7	

6.B.6.a.4. Pheasants Forever Donation Request

The Pheasants Forever Lower Platte Chapter has sent a donation request for their annual banquet on April 17th. They are requesting a \$250 sponsorship. This will be their 21st annual banquet, held at Camp Carol Joy Holling outside of Ashland. The goal of the banquet is to raise funds for conservation projects, youth mentored hunts and other projects in Saunders County and Nebraska.

In 2019, \$250 was donated to the banquet in recognition of the partnership with the Pheasants Forever Lower Platte Chapter.

6.B.6.b. Education

6.B.6.b.1. February Education Programs

Date	School/Group	Grade/Age	# of students	Topic	Staff
Wednesday, February 12	Wahoo Public	3 rd grade	71	Soil conservation and pollution	Sabatka/Elliott/Nelson

February 12-13	St. Wenceslaus	Pre-K	29	Water Conservation	Sabatka/Nelson
Tuesday, February 18	Wahoo Public	8 th grade	18	Survival Kit	Sabatka/Nelson/Gottschalk
Monday, February 24	Ashland/Greenwood	High School		Test Your Well Night with LPSNRD	Andersen/Sabatka

6.B.6.b.2. National Envirothon Volunteers

Nebraska's NRDs are hosting the 2020 National Conservation Foundation (NCF) Envirothon at UNL in Lincoln, July 26 - August 1. This competition is for high school students and will bring more than 500 people from 46 states, several Canadian provinces and China.

If you are interested in volunteering, please visit with Lacey. There is a form that needs filled out and all volunteers will be background checked against state and national sex offender list.

6.B.7. RURAL WATER SYSTEMS

6.B.7.a. Colon System

New rates for Colon RWD take effect this billing cycle.

Elliott has been in contact with Nebraska USDA-RD for our yearly reporting for our loan. All required documentation has been submitted.

The RWD was contacted by a resident of Colon with a complaint about the taste of their water. Elliott visited the residence and performed a simple water quality analysis; ran the faucet for 5 minutes, inspected clarity (good), smell (none detected), taste (two cups down and no worries).

Normal monthly sampling completed, meters read, and bills will go out 3/1.

6.B.7.b. Bruno System

Elliott has been in contact with DHHS regarding our new testing protocol for lead and copper; they will send out procedure material and contact info the beginning of March. Routine monthly sampling completed, meters read, bills will go out 3/1.

6.B.7.c. Other

6.C. Water Committee - Action as Required

6.C.1. UNFINISHED BUSINESS

6.C.2. REGULATORY

6.C.2.a. GROUND WATER MANAGEMENT AREA

6.C.2.a.1. Variance Requests Acre Expansion with Allocation

The District has received two new variance applications for expanded acres with an allocation.

Richard Brock

Legal Description: NW 1/4 NW 1/4 S33-T19N-R1W Platte County (SQS#2)

Well Reg #: G-167076

Previous Acres: 141.54

New Acres: 24.70

Three Year Allocation Amount: 3821.58 Acre Inches (27*141.54)

Ranking Score: 461.7

Dayle Alswager

Legal Description: E 1/2 NW 1/4 S8-T18N-R1W Platte County (SQS #2)

Well Reg #: G-042995

Previous Acres: 199.17

New Acres: 49.88

Three Year Allocation Amount: 5377.59 (27*199.17)

Ranking Score: 386.5

6.C.2.a.2. Well Permit Program

6.C.2.a.2.A. Well Permits Approved

Wells Permits Approved: 1

Landowner	Number of Wells	Number of New Irrigated Acres	Type of Well	County	Subarea
NDOT	1	N/A	Observation	Dodge	North Bend

The total number of approved permits for 2020 is #

Location of Approved Well Permits for 2020: Correct as of #####

County	Irrigation - New	Irrigation - Replacement	Stock	Commercial	Municipal	Other	Total
Butler	0	0	0	0	0	0	0
Colfax	0	0	0	0	0	0	0
Dodge	0	0	0	0	0	1	1
Boone	0	0	0	0	0	0	0

Madison	0	0	0	0	0	0	0
Platte	0	0	0	0	0	0	0
Saunders	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	1

6.C.2.a.3. Public Water Supply Well Permit

City of Lincoln Well Permit - for a well that was decommissioned because of the flood. The permit says replacement, but might need to treat it as a new well.

Committee would like to see documentation that a model has been ran recently as this is a Class 4 well permit.

6.C.2.a.4. Special Quantity Subareas

Gravity to Pivot Conversion in 2015? The hearing was held in 2015 with acres being certified in 2014. Meters and Allocations started in 2016.

Staff will investigate further to verify.

6.C.2.a.5. Cost Share Programs

6.C.2.a.5.A. Acre Addition

Nat Oehlrich is wanting to add a pivot to a gravity irrigated field. The pivot will potentially increase his acres.

Committee proposed to Mr. Oehlrich the option expanding with an allocation and submitting a variance to allow the additional acres.

6.C.2.a.6. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

Technical meeting was held on March 2 and Managers meeting on March 4.

Staff submitted the District's V-IMP report for review at these meetings. At the technical meeting the choice was evaluation of the allotments for 2021 utilizing current data with the Missouri-Trib model or waiting on adding the AEM flights to the model

and extending out another 3 - 5 years keeping the current allotment issued in 2016. No unanimous decision came from the technical committee and managers on what direction the group will decide to pursue. At this time the LPNNRD has 1379.3 allowable acre feet remaining. This allotment is divided 50/50 for surface and groundwater projects.

6.C.2.a.7. LPNNRD Operator Certification

Staff and Committee discussed the comments from nitrogen certification class held in Schuyler. The meeting was held on February 26 with Dan Snow, Maratha Roades, Cover Crop Panel and Breakout Session.

Attendees at the class gave good comments and ideas in the breakout sessions. The data presented by Dan Snow was preliminary but did show livestock waste applications could be a contributing source of nitrate contamination.

More discussion will be held at the next Water Committee when staff will have the producers comments and answers organized.

6.C.2.a.7.A. Nutrient Managment

6.C.2.a.8. Voluntary Integrated Water Management Plan - LPNNRD

Report is due March 1

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

6.C.3.a.1. Well Estimates

new wells has been reviewed and approved for decommissioning since the last Committee meeting.

Well Owner	Type of Well	Cost Share Estimate	County
Line Rider LLC	Irrigation	\$637.62	Colfax
Justin Lee	Stock	\$503.44	Boone
Jordan A. Jisa	Domestic	\$508.92	Butler
Walter Bohaty	Irrigation	\$1,000.00	Butler
Walter Bohaty	Irrigation	\$1,000.00	Butler
J & E Plasek Family LLC	Hand-dug	\$885.00	Butler
Yindrick Farms LLC	Irrigation	\$743.62	Butler
Yindrick Farms LLC	Irrigation	\$562.20	Butler
Yindrick Farms LLC	Irrigation	\$753.84	Butler
Yindrick Farms LLC	Irrigation	\$753.84	Butler

Yindrick Farms LLC	Irrigation	\$840.23	Butler
Yindrick Farms LLC	Irrigation	\$569.03	Butler
Yindrick Farms LLC	Irrigation	\$572.42	Butler

6.C.3.a.2. Plugged Wells

wells have been plugged, reviewed, and ready for cost share payment approval this month.

Well Owner	Type of Well	Cost Share Estimate	County

6.C.3.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

6.C.3.b.1. Eastern Nebraska Water Resources Assessment (ENWRA)

Katie Cameron updated the Committee on the ENWRA budget and long-range plans. She discussed the need to extend the Geo-Cloud agreement to coincide with ENWRA interlocal agreement that expires in 2022. Katie is always available to evaluate the geological formation for well permitting. Staff has asked Katie numerous times to interpret the AEM information.

6.C.3.b.2. Lower Platte River Consortium

Copied from an email from Paul Zillig.

Please find attached the final LPR Drought Contingency Plan Financial Report. You'll notice we came in under budget with some funds remaining in the BOR, WSF, and the Consortium member accounts.

The BOR remaining funds (\$9,512) cannot be utilized for this and have been turned back to BOR.

The remaining WSF funds (\$10,768.31) can be utilized for the planned "table top" exercise,

I'm working on what we need to do to get that approved.

The remaining Consortium Member funds (\$3,104.47) we could use for a portion of the table top exercise cost.

The table top exercise that we all expressed interest in doing, is now estimated to cost \$30,000. Jennifer has worked with John Engel to put together a good exercise and figure out a way to pay for it. NeDNR has agreed to contribute \$10k, a total of \$10,768.31 of WSF funding can hopefully be utilized, if we use the remaining \$3,104.47 of Consortium funding, that would leave us to come up with an additional \$6,200 or \$1,240 each (\$6,200 divided by 5 as NeDNR is already putting in \$10k). Let me know your thoughts? I don't see us having a meeting between now and the time the LPSNRD Board would need to approve a contract with HDR (in mid April) so let me know if you think your group is ok with this and you wish for us to proceed with the table top exercise?

6.C.3.c. Phoenix Web Group

Phoenix Web Group is offering a service plan.

Staff recommended to the Committee to start with the silver plan and re-evaluate in a year if this is sufficient.

6.C.3.d. GROUND WATER QUALITY SAMPLING

6.C.3.e. Water Flow Meters

No discussion at Committee meeting.

- Is Status Quo good water management?
- Are Water Flow Meters and/or Allocations the right management tool?
- Is collecting good and accurate data a justification for flow meters?
- Is Water Flow Meters just the cost of doing business?
- Do we need grant money to proceed?
- Starting and Ending Date?

Total potential cost with producer cost-share is around 4 million dollars without check valves.

6.C.3.f. Flow Meter Approved List Update

Lonnie Nunnenkamp from Seametrics gave an update to the Committee on the Seametrics - Magmeter AG2000 that is on the LPN approved flow meter list..

6.C.4. OTHER

6.C.4.a. COMMENTS FROM THE PUBLIC

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

No unfinished business to address.

6.D.2. SWCP

6.D.2.a. SWCP Application Approvals

Below are LPNNRD Summer 2020 SWCP applications:

20-C-1: Louis Lutjelusche - Sec 18-18N-2E Colfax County -
Planned Grazing System (pumping plant, well, pipeline, tank) - \$12,123.00

20-S-1: Elaine Kaspar - Sec 25-16N-5E Saunders County -
TOT/WASCOB - \$8,037.00

6.D.2.b. SWCP Payments

6.D.2.c. SWCP Cancellations

6.D.2.d. Wahoo Creek Cost Share Approvals

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

6.D.3.a.1. Shell Creek Environmental Enhancement Plan Implementation

6.D.3.a.1.A. Shell Creek Grant Funding Update

No new information.

6.D.3.a.2. U.P. Railroad Bridge Replacement and Channel Improvements Update

We have recently learned that Colfax County will be moving forward with designs and bidding a portion of the channel improvement and benching project that will be in conjunction with the U.P. Railroad Bridge replacement near county road 15. While the county will be leading the bidding process, it will be important the LPNNRD representatives be involved with the bid approval since we are the primarily funding partners of that portion of the project.

6.D.3.b. Wahoo Creek Watershed

6.D.3.b.1. Wahoo Creek Dam Site Planning Update & FYRA Invoices

As reported last month, FYRA submitted the draft Wahoo Creek Watershed Plan to NRCS. NRCS will review and give comments over the next few weeks with final approval anticipated by July 2020. The compiled document includes the main body and all Appendices, which can be reviewed at the following

link: https://fyraengineering-my.sharepoint.com/:f/p/jkaufman/EjvH82G1R_9AvSFrzYuOmFwB-HdZUEg3tG55cbx0PYANXQ?e=CM1acb

There is no FYRA invoice this month.

We are still working with Weston on establishing a Dam Breach Overlay District for the four structures above the Village. Things went well at Weston's February 19th Planning and Zoning meeting, as a recommendation was passed to establish the overlay zoning district. Final approval of the overlay district is anticipated at Weston's Public Hearing at 7:00 pm on Monday, March 2nd. The Hearing will be held at the Weston Fire Station.

NRCS is still deliberating the archeological findings at Dam Site 83 with others. Attached is their letter and other correspondence from the Otoe-Missouria Tribe of Indians and the Nebraska State Historic Preservation Office.

In discussions with NRCS, we need to prepare for the possibility of receiving additional federal funds later this year to build a portion of the lower eight Wahoo Creek structures (Sites 55, 66, 77, 82, 83, 84, 85 & 86). As discussed at the Director's Retreat on February 19 (presentation attached), we need to establish a priority ranking of these eight sites. FYRA's and Olsson's suggested first five sites of the lower eight are: 1. Site 77; 2. Site 84; 3. Site 55; 4. Site 85; and Site 66. The other sites are 82, 83 and 86. (FYRA's structural data and various structure cost estimates are attached). Committee discussed the proposed dams and ranking and passed the recommendation as stated.

Several landowners, Rick, Eric, Randy Beranek, Ron Morrissey, Bob Bartek and Harlod Klob were present to ask questions about the proposed dams including the possibility of having them constructed as "dry dams". It was mentioned that this can be considered when the design process is underway, but the option of having a dry dam would be a Board decision based on what the landowner involved requests and if there are factual benefits in considering this option. It was explained that there are negligible flood reduction benefits having a "dry" dam vs a "wet" dam and that there could be additional costs involved with a dry dam.

There was also discussion about possibly considering other dam sites than what the Board has approved for development of our watershed plan. At this stage of the process, if the District decides to not support the submitted watershed plan with the eleven sites selected two years, it could jeopardize the project. Mountford has contacted NRCS representatives who will be present at the April 2nd Projects Committee meeting to answer questions about the Wahoo Creek Watershed plan and

future outlook for moving forward.

NOTE: Following the committee meeting, Allen Gehring, NRCS, contacted us to inform us that a bulletin will be coming out asking project sponsors if they wish to apply for more federal funds by April 3.

Allen Gehring, NRCS, and Mike Placke, Olsson, will be at the March 9th Board meeting to offer input to the Board's discussion and answer questions.

The Board is asked to discuss this topic and discuss potential action on potentially applying for NRCS (WFP) construction funds for one or more of the remaining eight Wahoo Creek Dams (sites 77, 84, 55, 85, 66, 82, 86, 83). This application would be due by April 3, 2020 to be considered for funding this year.

6.D.3.b.2. Olsson Design Update and Invoice

Attached is the latest Olsson invoice totaling \$7,702.71. After this payment, \$199,846.56 (34%) will have been paid on the \$583,825 for design work on Wahoo Creek Dam sites 26a, 26b and 27. The remainder of our contract with Olsson (\$1,46,153) for designing the remaining eight dam sites (55, 66, 77, 82, 83, 84, 85, 86) is mostly unspent because the work will not begin until NRCS gives the go-ahead. This will occur when NRCS is comfortable that the watershed plan will be approved which is anticipated to occur by July, 2020.

6.D.3.b.3. Wahoo Creek Watershed Water Quality Plan Phase II

On February 25, representatives from NDEE, NRCS, UNL Extension and LPNNRD held a public meeting at St. Johns School Gym in Weston. There was approximately 90 in attendance. The public meeting was to promote certain water quality land treatment practices in sub-basins in the Wahoo Creek Watershed. Over the past seven years, we have been targeting special federal EQIP funding (Water Quality Initiative) from NRCS and grant funding from NDEE and NET for landowner water quality practices and programs. Initially, reducing sediment loads, nitrogen and phosphorus were primary focuses along with E-coli. NRCS and NDEE now wish to promote practices to reduce E-coli and atrazine in the priority Wahoo Creek sub-watersheds North Fork Wahoo Creek, Dunlop Creek and Miller Branch. A report on the meeting was given and more information will be given at the Board Meeting.

6.D.3.c. Lands For Conservation applications

Below are the applications for our 2020 Wahoo Creek Watershed Lands for Conservation program. The payment rate for this year is \$198/acre as determined by USDA's average dryland rental rate.

George Cejka: 8 acres = \$1584.00

Robert Pokorny: 42 acres = \$8316.00

Roger Fujan: 10 acres = \$1980.00

Patrick Bartek: 26 acres = \$5148.00

Gary Prochaska: 41 acres = \$8118.00
Marvin Ptacek: 23 acres = \$4554.00
Gregg Fujan: 10 acres = \$1980.00

Total acres = 160
Total dollars allocated = \$31,680.00

6.D.3.d. Chvatal Dam

During a pre-stakeout review of Mike Chvatal's dam it was noted by NRCS personnel that the outlet of the dam's principal spillway was not stable, i.e., the design location and existing grade would exacerbate the 15' deep headcut immediately downstream that could/would creep back to embankment toe threatening the integrity of the structure. The existing design was altered to meet specs, this included adding ~40' of pipe and excavating an outlet channel down to a stable grade. The additional excavation and pipe have led to an increase in the bid from his contractor (attached).

Current bid/estimate = \$66,989.75

Previous bid/estimate = \$43,758.75

Due to existing Cottonwood Creek grant funds we've been able to approve a generous cost-share rate (currently \$32,819.06 approved) which is an exception to the rule of our existing SWCP policy. There is still an excess of these grant funds that we need to allocate.

6.D.4. JOINT WATER MANAGEMENT ADVISORY BOARD

On February 14, Mountford accompanied Brain Newton, Fremont City Administrator and Tom Smith, Dodge County Emergency Manager, at NEMA, Lincoln. The propose was to discuss potential future FEMA funding for the proposed Dodge County flood resiliency study.

We were informed that the emergency repair of the sand spoil breach near the Fremont Rod & Gun Club on the Platte River had been completed. Another meeting at Fremont was held with partners to discuss this work and other issues was held on February 26. An update of that meeting will be given.

6.D.4.a. Fremont/Dodge County/Fremont Rod and Gun Club Repair

Directors Thompson, Olson, Pollard and Saeger and Gottschalk met with the group to discuss additional plans for repair of breach area on the property owned by Fremont Rod and Gun Club. The initial construction was completed last Saturday (2-22-20) at a total cost of \$ 188,618. This amount was below the estimated cost of \$ 200,000. At Wednesday's meeting discussion was in regards to the remaining work needed to close off the breach area. JEO has been in touch with the USACE and it appears, due to the emergency situation which still exists in the area the emergency work will be approved and allowed to be considered sufficient for a substantial portion of the final repairs.

The estimated total to complete the project is approximately \$100,000. By utilizing the savings of \$11,382 from the first phase, the additional amount needed would be \$88,618 total. With percentages remaining the same as before this would mean an additional

\$11,077.25 would be LPNNRD's share.

Discussion and motion is requested.

6.D.5. HAZARD MITIGATION PLAN UPDATE

LPNNRD completed the second round of multi-jurisdictional meetings for updating our Hazard Mitigation Plan on February 11 and 13. We had excellent participation during the first round of meetings and had good turnout again at the second round. Elliott and Mountford are working with JEO on information needed for our portion of the plan update.

Attached is a \$22,334.80 JEO invoice for completed HMP contract work. Of this amount, FEMA/NEMA will reimburse us 75% of the total and Fremont and Schuyler will reimburse us for their 25% share of their flood risk assessments.

6.D.6. EROSION AND SEDIMENT RULES AND REGULATIONS

On February 4th Elliott received a letter from Larry Novak, representing Deerwood Family LLC, requesting a determination on a potential sediment/erosion complaint. The area in question is located in Section 14-15N-3E of Butler County. Mr. Novak has a pond on this property and is concerned that management practices on neighboring properties are having negatively exacerbating effects on his pond's water quality.

Specifically, the concern is with the neighbor directly south of the Deerwood Family Property; Mr. Novak observed what he feels was excessive land treatment activities last year (2019) that destroyed ground cover and allowed for an abundance of silt to enter his pond. The neighbor to the south, Tom Samek, had received SWCP assistance through LPNNRD to construct storage terraces on the property. This construction upgraded the existing non-storage terraces and non-functioning waterway.

I explained to Mr. Novak that the newly installed practices, as well as, existing practices within his watershed are going to add to the life and water quality to his pond.

6.D.7. OTHER

6.D.7.a. Village of Linwood Assistance Request

The Village of Linwood has requested LPNNRD assistance on a \$16,750 drainage study (attachments). Village representative(s) and JEO may be present to discuss their request.

6.D.7.b. Dodge County HMPG Property Buyout from 2019 Floods - Tom Smith

The Dodge County Board of Supervisors has decided to initiate a HMPG property buyout and reconstruction project for residents impacted by the 2019 Floods. A Request for Proposals has been sent to prospective contractors and a notice published in the paper to assist with the project. Properties in both the LPNNRD and LENRD jurisdictions have been identified. LPNNRD has been asked to if we are interested in partnering with the

County on the project. Tom Smith, Dodge County Emergency Manager will be present to discuss the program.

6.D.7.c. LPNNRD/NRCS Local Work Group Meeting

The annual LPNNRD/NRCS local work group meeting will be held from 1 - 4 p.m. on Wednesday, March 4th, at the Lake Wanahoo Education Building. The purpose of this meeting is to receive local input on available federal program conservation practices and give input on priority practices and areas.

7. Additional Action Items

7.A. Wahoo Creek NRCS Application

Following the committee meeting, Allen Gehring, NRCS, contacted us to inform us that a bulletin will be coming out asking project sponsors if they wish to apply for more federal funds by April 3.

Allen Gehring, NRCS, and Mike Placke, Olsson, will be at the March 9th Board meeting to offer input to the Board's discussion and answer questions.

The Board is asked to discuss this topic and discuss potential action on potentially applying for NRCS (WFP) construction funds for one or more of the remaining eight Wahoo Creek Dams (sites 77, 84, 55, 85, 66, 82, 86, 83). This application would be due by April 3, 2020 to be considered for funding this year.

7.B. Wanahoo Stilling Basin Repair - Final Design

7.C. Shell Creek Water Equipment - School Assistance

Mark Seier has been working with Schuyler and Lake View schools to help them obtain water testing equipment for Shell Creek. Approximate total cost is \$15,000 at this time it appears NDEE will reimburse the District for this amount. Discussion and action will be needed.

8. Approval of Bills Pending

9. Consent Agenda Adoption

10. Comments from Directors/Guests

11. Meeting Establishment/Adjournment

NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.