

Regular Board of Directors Meeting
Monday, March 11, 2019 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

Ice Jam Information, Potential Rainfall & Ice Jams

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

No new updates at this time

6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.a.1. Water Strategies Meeting - March 6, 2019

Tom and I will travel to Washington D.C. on the 6th and return on the 7th. Water Strategies continue to set up meeting times for us during our visit. Our current schedule is:

- USDA - 9:00 AM
- Congressman Fortenberry - 10:30 AM
- Congressman Bacon - 11:30 AM
- Senator Fischer - 3:30 PM

Additional meetings with COE and EPA are hoped to be finalized as well.

6.A.2.a.2. NARD Annual Washington DC Meeting

Gottschalk, Mountford and Directors Ruzicka and Pollard are registered to attend the NARD Meetings in Washington, DC. March 30 - April 3rd.

6.A.2.a.3. GMDA Summer Meeting - Salt Lake City

The annual GMDA Summer Meeting is scheduled for June 5-7 at the Marriott University Park Hotel in Salt Lake City. Attached is registration information.

6.A.2.b. Reports

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find Excuse of Absence requests from Yosten and Meduna for the February Board Meeting.

6.A.3.b. Monthly Education Program

Wendi Bevitt, Buried Past Consulting will be here to give a brief presentation of the

general work they have done on the Wahoo Creek sites and also give some details of their interesting findings. Bob Heimann will also give a brief update on the Platte River Ice.

6.A.3.c. Game and Parks Revenue

The annual meeting with Game and Parks was held on February 8th. After review of the information shared with us, there was a Wanahoo recreation surplus of \$ 36,268.32. As we did last year, we will need to send a letter to Nebraska Game and Parks formally requesting this amount.

6.A.3.d. Legislative Update

6.A.3.e. Farm Lease/Crop Share

Attached find a copy last years farm lease with Harvey Brabec. Do we want to enter into Farm Lease/Crop Share agreement with Harvey Brabec for the 2019 farming season?

6.A.3.f. Lake Wanahoo Recreation Area Update

- To date we have \$ 44,000 of outside funding pledged towards our approximately \$110,000 of local funds for the Wanahoo education building.
- As of this morning, Wanahoo park permits have generated \$24,785.16 in revenue. (1,394 permits and 163 daily use permits)
- As of this morning, Wanahoo online camping sales have generated \$4006.14 on 258 site rentals. Other than a few minor glitches, the website is operating easily and as expected.
- Staff is working on developing rental procedures and applications for the Education building and Pork Chop Island.

6.A.3.g. Request for Proposals for Accounting Services

Staff is gathering information to generate RFP's for our accounting services. Our intention is to have RFP's ready go out in March.

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

The Personnel Sub-Committee will meet immediate following Executive Committee.

6.A.6. FINANCE

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

Grant Nuttelmann will be available for a 10:00 conference call to go over the January Financial Statements.

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

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

6.B. Education, Operations & Rural Water Systems Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

There is nothing to consider.

6.B.2. WILD NE AND OTHER PROGRAMS

The Corners for Wildlife Program is sponsored by Pheasants Forever and funded through Environmental Trust. It promotes the development of habitat on small parcels of property. Contract payments go through the NRD's and Pheasants Forever reimburses the NRD. NRD's provide planting trees/shrubs free of charge. Pheasants Forever pays the NRD for the trees/shrubs.

We have a new contract for Stuart Gerhold, 38.2 acres in Butler County. The annual payment is \$3,820.00 on a five year contract. We will be planting 684 shrubs on his property this Spring.

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

The O & M staff have been moving snow, took the sprayer and electronics off of the 4430, occasionally check the recreation area restrooms and clean vehicles.

6.B.3.a. District Park Regulations

Staff realized that the non-use of ATV's/UTV's was not listed in our revised Park Regulations after an ice fisherman asked if he could pull his equipment on to the ice with his ATV. Staff had it written in their notes but it was omitted when typed.

The regulation for non-use of ATV's/UTV's by the public was added on Page 9 under 001.18 Traffic, regulation 001.18F (see attached).

6.B.3.b. Conservation Tree Program

To date the District has ordered 12,100 trees. Currently the District is scheduled to plant 7,135 trees/shrubs on 7 different sites.

6.B.3.c. NRD Grass Drills

Heimann has been in contact with Schuyler Co-op and Rosendahl Seed & Feed for their bi-annual 2018 report on the grass drills.

Since Committee meeting, Schuyler Co-op submitted \$1,265.18 for the second half of 2018, twelve cooperator used the drill.

6.B.3.d. Lower Platte Weed Management Invoice c/o Papio-Missouri NRD

Papio-Missouri NRD has sent an invoice of \$1,264.81 for nearly a mile of aerial spraying of rip-rap along the Clear Creek Levee which is full of woody vegetation.

6.B.3.e. NRD owned Lots at Thomas Lakes

The Thomas Lakes Homeowners Association has inquired as to what the NRD will do

with the 5 Lots we own at Thomas Lakes. Thomas Lakes is a gated community, the District owns Lots 41, 42, 44, 49 and 50, they were obtained as part of the Western Sarpy/Clear Creek Levee Renovations. Find attached a list of which shows what the District paid for said property. Also find attached an aerial photo showing the location. The District can continue to own the Lots or put them up for sale with easement restrictions. The District would first have to establish a permanent easement on all five lots, then discuss whether to sell them and how to sell them. Information will also be obtained from the Corps of Engineers pertaining to the District selling the lots.

6.B.4. LAKE WANAHOO

6.B.4.a. Lake Wanahoo Park Permit Report

As of 2/27/2019 the District has sold a total of 1394 Annual Lake Wanahoo Entry Permits totaling \$23,973.50. The District has also received 163 Daily Park Entry Passes totaling \$811.66. Total permit = \$24,785.16

6.B.4.b. Lake Wanahoo Campsite Reservation Revenue Report

The District has received a total 258 online reservations totaling a net revenue of \$4006.14

6.B.4.c. Lake Wanahoo Education/Recreation Building

Hedges construction continues to make progress on the erection of the building. Entry doors, approved at the February Board Meeting, have been ordered.

Staff met with Hancock Construction 2/26/2019 to discuss interior layout so drawings can be prepared for the City of Wahoo's permitting process.

6.B.4.d. Pork Chop Island

Cornhusker State Industries delivered the tables for Pork Chop Island on 2/18. Employees Moore, Benal, and Schomer moved tables and fire rings to the island on 2/22.

Lumber for compost toilets has been ordered and construction will begin the week of March 4th.

6.B.5. ROCK AND JETTY

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

The March KTIC Radio Ad and Wahoo Newspaper eAd will continue to promote the opportunity to purchase trees from the LPNNRD Office.

6.B.6.a.2. 2019 Winter Viaduct

The 2019 winter issue of The Viaduct has been submitted to Suburban Newspapers for printing and distribution. The newsletter is expected to circulate in district newspapers mid-March.

6.B.6.a.3. Morning Blend

Gottschalk & TePoel will be guests on KMTV's Morning Blend show. The segment will air on Wednesday, March 20th between 9-10 am during the Ben & Pickler Show.

6.B.6.a.4. February-March Education Programs

Date	School/Group	Grade/Age	# of students	Topic	Staff
Monday, February 11/Tuesday, February 12	St. Wenceslaus (Wahoo)	Pre-K	29	water	TePoel
Tuesday, February 12	David City Public	8 th Grade	11	wildlife	Elliott
Thursday, February 21	East Butler Public	8 th grade	24	natural resources careers	TePoel
Tuesday, February 26	St. Wenceslaus (Wahoo)	5 th Grade	40	natural resources careers	TePoel
Wednesday, February 27	Survival Club (Wahoo Public)	8 th Grade	20	survival kits	Gottschalk/TePoel
Thursday, February 28	Circle of Friends (Yutan Public)	High school		trees	TePoel
Friday, March 1	Pearl Academy (Fremont)	Pre-K		wildlife/camouflage	TePoel
Monday, March 11/Tuesday, March 12	St. Wenceslaus (Wahoo)	Pre-K	29	natural resources	TePoel
Tuesday, March 12	Saunders County 4-H	Clover Kids	15	trees/seasons	TePoel
Wednesday March 20/Thursday, March 21	Earth Wellness Festival (Lower Platte South Festival)	5 th Grade		wildlife	TePoel

Thursday, March 21	East Butler Public	8 th Grade	24	water	Andersen/Water Dept. Staff
Thursday, March 28	East Butler Public	8 th Grade	24	natural resources	TePoel

6.B.6.b. Education

6.B.7. RURAL WATER SYSTEMS

On 3/11-12 Elliott and Benal will be attending the annual Nebraska Rural Water Association Annual Conference. Both Elliott and Benal will attend trainings that will provide necessary continuing education credits towards their DHHS Water Operator Licenses.

6.B.7.a. Colon System

Elliott completed required annual USDA loan documentation per our Colon RWD Rural Development loan.

The 8% rate increase went into effect this month as planned.

Monthly testing completed.

Bills will go out today.

6.B.7.b. Bruno System

On 2/5 the NRD was notified by a Bruno resident that the chlorine smell in their water seemed stronger than normal. Elliott talked with David City Water Dept staff that reported normal chlorine residuals in their water. Elliott called the resident and relayed the information from David City. After some discussion Elliott agreed to test the water at the residence to confirm whether or not they were experiencing higher than acceptable levels. On 2/8 the water was tested and fell within DHHS standards for safety. Elliott educated the residents on how to dissipate chlorine from drinking water, as well as, how their location within the water main infrastructure may affect the supply. Monthly testing completed.

Bills out today.

6.B.7.c. Other

6.C. Water Committee - Action as Required

6.C.1. UNFINISHED BUSINESS

6.C.2. USGS STREAM FLOW GAUGING SITES

Additional information from meeting on February 25 with LPS, PMR, MUD and LWS. Points to consider for the Leshara Water Quality Monitoring Site:

- Can trace if the contamination is coming from the Platte or Elkhorn River.
- If no contamination is found this can show that BMPs are working.
- People can see that the NRD is taking a pro-active approach on protecting the water quality of the river.
- If contamination does show up in a community along the Platte River, might be able to verify if is coming from surface or groundwater.
- Opens availability of more funding sources?
- If contamination is reported then communities can adjust pumping locations of their wells.
- Partnership with all agencies.
- Is this the best location for implementing BMPs, if contamination is found?

Information from Dave Potter - LPS

The Lower Platte Corridor Alliance (LPRCA) actually has two stream gage agreements coming due in April. One is the Leshara site and the other is the 3-long term sites further downstream. If we want to continue the monitoring gages without any interruptions, we will need to consider approving the agreements in a March timeframe.

The 3-year agreement for the Leshara site is currently funded by Lower Platte South NRD (22% of funding), Lower Platte North NRD (22%), Papio-Missouri River NRD (22%), Lincoln Water Systems (10.5%), M.U.D (10.5%), and USGS (13%). The total cost of that project was \$110,564 with LPRCA partners paying \$84,743 and USGS paying \$25,821. The proposed cost of the 2nd 3-year agreement would be \$113,893 with USGS picking up \$15,468. If the five agencies were to equally contribute to the balance (\$98,425), it would be a cost of \$19,685 per agency or about \$6,652 per agency per year. If we worked with the same percentages as before, the cost would be adjusted. However, if we all benefit, then it should probably be equally split.

Below is some further explanation of the cost:

The total cost of the monitoring is to be \$113,893 for Leshara, the portion that LPRCA is billed for appears as \$98,425. I took the information below from the previous and current proposed agreements. The 2016-2018 monitoring costs of \$110,564 is the amount it took to operate the Leshara site and publish the data for three years.

Leshara agreement:

2019-2021

Monitoring

estimate	LPRCA	USGS
\$113,893	\$98,425	\$15,468

2016-2018 Billed

LPRCA	USGS
\$110,564	\$84,743 \$25,821

Committee/Board desire to continue to monitor water quality at the Platte River at Leshara gage?

6.C.3. REGULATORY

6.C.3.a. GROUND WATER MANAGEMENT AREA

6.C.3.a.1. Irrigation Certification Policy

Chuck Hasselbrook from Sandhills Energy and Vanessa Silke of Geronimo Energy discussed desired projects involving Solar Panel Installations to the Committee. Discussion was regarding the policy that a parcel of land needs to irrigated 2 out of 10 years to keep irrigation certification on a parcel. Other individuals also addressed the Committee on this policy.

The Committee heard from the industry representatives and individuals that were interested in pursuing solar installation sites, along with an individual that wanted to expand his cattle operation onto irrigated acres. They would like the option to retain irrigation rights, if the land is not irrigated 2 out of 10 years. Some of the solar installation sites can be as large as 800 - 1000 acres and need to be in close proximity to transmission lines. The solar installation sites pays property tax along with a nameplate tax for renewal energy. Other comments were an opportunity for a young family to come back to the farm if cropland is limited. The Committee discussed banking and transfer rules along with selling the irrigated right. One company has individuals that will be needing to sign agreements in April. If Board is interested in a policy change, this could be done in a couple of months. A rule change for banking or transferring would required more time.

The Committee directed Jovan or staff to write up a policy to clarify certified irrigated acre as it relates to "historically irrigated acre". The Committee wanted the Board to review the policy and then the Committee would review it at the next Committee Meeting.

For Discussion Only - Retirement of Certified Irrigated Acres:

_____ made the motion, seconded by _____, to clarify that once an irrigated acre has been certified as either a "historically irrigated acre" or has been issued a variance by the District those acres are no longer subject to the "two of the last ten years" rule as described within the District's groundwater rules and regulations. As a result, certified irrigated acres will not be retired by virtue of the fact they have not been put to beneficial use by the landowner for an extended period of time. Once the certified irrigated acres are put back into beneficial use by the landowner they shall be subject to the then existing rules and regulations of the District. The District retains the right to amend its groundwater rules and regulations should it later determine it as necessary or appropriate (ergo landowners should govern themselves accordingly as the District is not precluded from later adopting a rule for retirement of certified irrigated acres).

6.C.3.a.2. Well Permit Program

6.C.3.a.2.A. Well Permits Approved

Wells Permits Approved: #

Landowner	Number of Wells	Number of New Irrigated Acres	Type of Well	County	Subarea

The total number of approved permits for 2019 is #

Location of Approved Well Permits for 2019: Correct as of #####

County	Irrigation - New	Irrigation - Replacement	Stock	Commercial	Municipal	Other	Total
Butler							
Colfax							
Dodge							
Boone							
Madison							
Platte							
Saunders							
Total							

6.C.3.a.3. Transfer of Acres

Last month the Board approved a irrigation transfer from LPN to LL for the Kettlesons'. Lower Loup uses the Elm model for determining SDF while the LPN used the numbers provided by DNR. The ELM model showed a SDF of 12.9%, while the number that was used by LPN was 54%. It allowed the Kettlesons' to expand up to 16 acres, which will work in this situation.

6.C.3.a.4. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

The LPNNRD directors appointed for LPRBC are Bob Hilger and Larry Feala to attend the next meeting to be held Monday, March 18 in Ord from 11 to 1:30. A technical group meeting is planned for Monday, March 4 in Kearney starting at 3 pm.

6.C.3.a.5. Voluntary Integrated Water Management Plan - LPNNRD

Report is due to the state on March 1.

6.C.3.a.6. Bellwood Phase 2 Area

2019 is the seventeenth year for this Phase 2 Area.

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen greater than 10 ppm
2004	0 to 25 ppm	46.3% (44 of 95)	8.4% (8 of 95)	45.3% (43 of 95)
2005	0 to 25 ppm	47% (44 of 94)	15% (14 of 94)	38% (36 of 94)
2006	0 to 24 ppm	41% (29 of 71)	14% (10 of 71)	45% (32 of 71)
2007	0 to 31 ppm	48% (48 of 100)	9% (9 of 100)	43% (43 of 100)
2008	0 to 28 ppm	53.75% (43 of 80)	7.5% (6 of 80)	38.75% (31 of 80)
2009	0 to 22 ppm	45.5% (41 of 90)	15.5% (14 of 90)	39% (35 of 90)
2010	0 to 35.7 ppm	48.65% (54 of 111)	11.71% (13 of 111)	39.64% (44 of 111)
2011	0 to 26.6 ppm	51% (56 of 110)	6% (7 of 110)	43% (47 of 110)
2012	0 to 28.9 ppm	57% (61 of 107)	9% (10 of 107)	34% (36 of 107)
2013	0 to 25.8 ppm	50% (53 of 107)	9% (10 of 107)	41% (44 of 107)
2014	0 to 22.3 ppm	51% (55 of 108)	13% (14 of 108)	36% (39 of 108)
2015	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)
2016	0 to 35.1 ppm	34% (25 of 74)	11% (8 of 74)	55% (41 of 74)
2017	0 to 23.5 ppm	36% (27 of 74)	15% (11 of 74)	49% (36 of 74)
2018	0 to 30.9 ppm	40% (25 of 63)	11% (7 of 63)	49% (31 of 63)

6.C.3.a.7. Richland - Schuyler Phase 2 Area

2019 is the fourth year of this Phase 2 Area.

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen greater than 10 ppm
2016	1.47 to 41.8 ppm	29% (10 of 34)	9% (3 of 34)	62% (21 of 34)
2017	2.44 to 25.4 ppm	23% (8 of 35)	(0 of 35)	77% (27 of 35)
2018	1.75 to 29.3 ppm	25% (5 of 20)	10% (2 of 20)	65% (13 of 20)

Fertilizer application reports have not yet been received from Brian Goff. Goff called Oaklund and said he would bring his report to the class at Ag Park, Columbus, as his re-certification is due in 2019. The class was subsequently cancelled due to inclement weather. Goff will mail in his report.

6.C.3.a.8. Richland - Schuyler Phase 3 Area

2019 is the fourth year of this Phase 3 Area.

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen greater than 10 ppm
2004	0 to 47 ppm	30% (42 of 139)	10% (14 of 139)	60% (83 of 139)
2005	0 to 120 ppm	31.3% (74 of 236)	10.2% (24 of 236)	58.5% (138 of 236)
2006	0 to 53 ppm	28% (50 of 181)	14% (26 of 181)	58% (105 of 181)
2007	0 to 99 ppm	32% (75 of 231)	10% (22 of 231)	58% (134 of 227)
2008	0 to 46 ppm	28% (53 of 190)	12% (23 of 190)	60% (114 of 190)
2009	0 to 57 ppm	33% (72 of 216)	6% (13 of 216)	61% (131 of 216)
2010	0 to 57.5 ppm	31% (70 of 229)	7% (15 of 229)	62% (142 of 229)
2011	0 to 65.8 ppm	28% (67 of 241)	9% (21 of 241)	63% (153 of 241)
2012	0 to 52.6 ppm	29% (70 of 241)	9% (21 of 241)	62% (150 of 241)
2013	0 to 94.0 ppm	25% (63 of 252)	9% (23 of 252)	66% (166 of 252)
2014	0 to 101.0 ppm	27% (68 of 251)	9% (22 of 251)	64% (161 of 251)
2015	0 to 53.3 ppm	23% (55 of 238)	12% (29 of 238)	65% (154 of 238)
2016	0 to 50.5 ppm	25% (58 of 228)	10% (22 of 228)	65% (148 of 228)
2017	0 to 53.4 ppm	25% (60 of 238)	6% (14 of 238)	69% (164 of 238)
2018	0 to 56.9 ppm	26.5% (50 of 189)	6.3% (12 of 189)	67.2% (127 of 189)

Fertilizer application reports have not yet been received from Mike Settles [Barta Family LLP] for tracts south of Richland. Efforts to contact him by telephone have been unsuccessful. A January 25th reminder letter has gone unanswered. Settles may not be the tenant for these tracts in 2019.

6.C.3.a.9. LPNNRD Operator Certification

Comments from the meeting in Schuyler are attached. Two online tests have been completed since previous meeting (see following table).

Cert #	Cert date	Name	Re-cert	Comments
6524	1/30/2019	Ryan Preister	Yes	
5978	1/30/2019	Dennis Riha	Yes	
6142	2/19/2019	Andy Chvatal	Yes	
7159	2/25/2019	Gary Torczon	New	

6.C.3.a.9.A. 2019 LPNNRD Certification Classes for Nitrogen and Water Management

Class	Date & time	Location	Attendees
# 1	Thursday, January 3rd @ 3:30 p.m. <i>? Note: Corn Expo at Christensen Field ?</i>	Fremont - Extension Office (after the Corn Expo)	65/7
# 2	Monday, January 14th @ 7:00 p.m.	ENREC - Mead (formerly ARDC)	38/2
# 3	Friday, February 1st @ 9:30 a.m.	Columbus - Ag Park **	30/6
# 4	Monday, February 4th @ 1:00 p.m.	David City - Butler County Events Center, at Fairgrounds	23/2
# 5	Thursday, February 7th @ 9:30 a.m.	Lindsay - Village Office	21/2
# 6	Wednesday, February 20th @ 9:30 a.m.	Columbus - Ag Park **	cancelled
# 7	Monday, March 11th @ 6:00 p.m. ##	Fremont - Extension Office	
# 8	Tuesday, March 12th @ 9:30 a.m.	David City - Butler County Events Center, at Fairgrounds	
# 9	Wednesday, March 20th @ 7:00 p.m.	ENREC - Mead (formerly ARDC)	
# 10	Thursday, March 21st @ 7:00 p.m.	Columbus - Ag Park **	
	Ag Park classes will be on second floor. Entrance is on south side - assessible by stairs or elevator	Ten Classes	

- ## "Zoom" class (next class) - may allow taking certification class from remote computer for this date only! If interested please contact Aaron Nygren at anygren2@unl.edu or Daryl Andersen at dandersen@lpnnrd.org before the end of February to receive instructions on how to pre-register for the March 11th class.

>>>On Friday, February 15th @ 1:00 p.m,

On Friday, February 15th @ 1:00 p.m. a special class was held at the Oak Ball-
Room in Schuyler. The class focused on Phase 2/3/4 management areas.
There were 66 at this class, which included current and past directors. Six staff members were also present to assist with facilitation. Fifty attendees returned their sign-in sheet; six of these were first-time certifiers. A follow-up meeting is scheduled for Thursday, February 28th
(This class met the Nitrogen & Water Management certification requirement.)

6.C.3.a.10. Flow Meter Program

There is 7056 active high capacity well, with 4584 irrigation wells. By NRD records, 868 wells has submitted a water use report. If you look at the chart, the NRD could do about 1000 wells a year over a 3-year period to handle the irrigation wells. How is the NRD going to handle the other high capacity wells?

Locations	Total High Capacity Wells	Metered Wells by Water Use Reports	Wells without Meters?
Bellwood	143	8	135
Richland-Schuyler	548	30	518
By County			
Boone County	228	62	166
Butler	966	95	871
Colfax	998	99	899
Dodge	1322	84	1238
Madison	81	13	68
Platte	1083	321	762
Saunders	2378	195	2183
By Management Area			
Blue (HC)	6292	643	5649

White (Normal)	561	204	357
Red (Restricted)	203	21	182
By Stream Depletion Factor			
SDF > 90%	1236	75	1161
80 - 90%	1777	104	1673
70-80%	1121	110	1011
60-70%	1103	144	959
50-60%	678	72	606
40-50%	173	50	123
30-40%	152	60	92
20-30%	35	31	4
0-20%	27	4	23

Attached are a few maps showing high capacity wells sorted by management areas or SDF. These maps shows all wells and wells with meters that the NRD receives water use reports.

6.C.4. GROUND WATER PROGRAMS

6.C.4.a. DECOMMISSIONED WELL PROGRAM

6.C.4.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
Jamie Yindrick	Irrigation	\$1,153.77	Butler

6.C.4.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.4.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

6.C.4.b.1. Lower Platte River Consortium

A meeting was held Monday, February 25 starting at 1:00 pm at Lower Platte South. Public comments were reviewed and discussed by the group with the Draft Drought Plan approved for submittal to Bureau of Reclamation (BOR) on March 1st after some final revisions. The major revision was including the possibility of connecting MUD and LWS.

The Flatwater Group presented the information obtained from the piezometers and water levels installed for this project. The sites in the District are at Columbus, Linwood, North Bend and Fremont. Discussion will be held later in March on keeping these sites for longer periods of time. If the sites are kept, the NRD would be taking over the sites for maintenance and gathering information. Approximated cost would be 80 hours of time with the cost of batteries. The cost of the data logger that is being used now is \$750, which should last for a while. As the data loggers have only been in just over a year, no data was collected during a low flow event on the river.

6.C.4.b.2. Phoenix Database and Online Reporting

At the meeting in Schuyler, 20 individuals answered they would utilize online reporting with 24 with no comments and only 3 saying no. Attached are two contracts from the Phoenix webgroup, which one would include developing online reporting for water use and phase reports along with submitting chemigation permits. Part of the online reporting will include a dashboard with tables, charts, graphs and notifications, The online report quote is for \$73,100, with 50% due at signing. The other contract is a change order for \$3,950 to add additions to the current database. The Board approved \$126,000 in this year's budget, with the plan that online reporting would be developed. To date \$31,200 has been spent for the workflow dashboard.

6.C.5. OTHER

6.C.5.a. COMMENTS FROM THE PUBLIC

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

There is no unfinished business to address.

6.D.2. SWCP

We are in the process of starting to look at possible changes to our SWCP policy for 2019. After receiving input from Directors and NRCS, we will approve the final document at the April Board meeting.

Also attached are the 2019 Conservation Practice Cost Docket and Lands For Conservation Guidelines review and approval.

6.D.2.a. SWCP Application Approvals

None

6.D.2.b. SWCP Payments

18-D-1 Duane Pederson - GWW - \$7759.42
(\$8271.24 Approval)

6.D.2.c. SWCP Cancellations

None

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

None

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

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

No new information to report.

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

No new information to report.

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

No new information to report.

6.D.3.a.2. UNL Water Research Field Tour - Shell Creek High School Students

Elbert Traylor, NDEQ, is working on arranging a field trip for the Newman Students to visit water research programs at UNL. It is scheduled for April 22. Elbert would like to provide snacks and lunch and a recreational break (perhaps bowling) and was

wondering if the NRD would consider picking up that cost. UNL might set it up as a package registration fee of \$20-25. There would be 8-12 students and a few chaperones, maybe 15 total.

6.D.3.b. Wahoo Creek Watershed

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

A very informative meeting was held on February 22 at Olsson in Lincoln to discuss design plans and other topics. This meeting provided an opportunity for Olsson, FYRA, NRCS and LPNNRD to coordinate activities and receive input on watershed planning and future design criteria. Project Committee members Kelly Thompson and Joe Birkel attended with Gottschalk, Elliott, Heimann and Mountford. Many topics and issues were covered including dam design elements, potential road closings, cultural resource investigation findings, economics, schedules and future public involvement meetings. As result of that meeting Mike Sotak would like to address some of the concerns regarding the planning and economics. Mike will be at Board meeting to address these concerns.

FYRA is working with LPNNRD staff to hold an agency meeting (2 - 4 pm) followed by a public meeting (5 - 7pm) to be held above Union Bank, Wahoo, on March 20, 2019 (draft letters attached).

Attached is a \$29,848.50 invoice and update from FYRA for review. After this payment there will be \$201,111.98 remaining on our \$574,990 contract.

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

Attached is the February 21, 2019, invoice from Olsson totaling \$40,764.56. After this payment, there will be \$1,935,613.41 remaining on our \$1,999,978 contract.

6.D.3.b.3. Buried Past Update and Invoice

Buried Past will be at the March 11th Board meeting to present their archeological/cultural resource report (attached) on their findings at the Wahoo Creek Dam Sites 55, 66, 77, 82, 83, 84, 85 & 86.

6.D.3.b.4. Wahoo Creek Watershed Water Quality Plan Phase II

No new information to report.

6.D.4. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.5. HAZARD MITIGATION PLAN UPDATE

We have received both signed interlocal agreements from Schuyler and Fremont and will be authorizing JEO to proceed with that portion of their contract.

The Upper Big Blue NRD has requested to add a fifth community to our proposed

Interlocal Agreement. Attached is the revised agreement to include their portion of Butler County including five committees in their district in our Hazard Mitigation Plan Update totaling \$8,500. After the HMP grant funds (75%) are applied, UBBNRD will reimburse us 25% or \$2,125 (25% x \$8,500) of the additional expense.

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

Nothing to report this month.

6.D.7. OTHER

6.D.7.a. Fremont/Dodge County Drainage

On January 17, 2019, LPNNRD met with Fremont and Dodge County officials to discuss this issue. There was much discussion on the history, issues and possible options to improve drainage in the city and county drainage east of the city (see attachments) . While it was conveyed that LPNNRD would be a likely partner, it was stated that Fremont and/or Dodge County should take the lead on an eventual drainage improvement project. It was discussed that the next step will be to consider an interlocal agreement to jointly work together to look for potential solutions in the future. Attached is a draft agreement for review. Another meeting was held on March 5 to give further input to the agreement. After all input is received, the plan is to have each entity approve the final version.

6.D.7.b. Project Tour

Following the Projects Committee business, we planned to tour the Lake Ventura Bank Stabilization site and possibly other things around Fremont. Due to the winter weather, we needed to postpone the Ventura tour and possibly other site visits until a later time.

6.D.7.c. Next Projects Committee Meeting

The Committee discussed the possibility of having the next Projects Committee Meeting on March 27th once again in Fremont followed by a tour of Lake Ventura Bank Stabilization Project site and possible other points of interest. Discussion on this topic is anticipated at Board Meeting.

7. Additional Action Items - None

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.