

Regular Board of Directors Meeting  
Monday, December 12, 2016 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

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

5. Approval of Minutes

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

6. Report of Standing Committees

6.A. Executive Committee - Action as Required

6.A.1. UNFINISHED BUSINESS

6.A.1.a. Offsite Water Concerns Upstream of Wanahoo Wetland

Tabled motion from 9-12-16 - To offer tiling and Wetland Reserve Program options to landowners impacted by the Wanahoo Wetland contingent of receiving a hold harmless agreement before exploring other options. At the November Board Meeting Lausterer reported that he has reached out to the three landowners (or their legal counsels) but has not received specific damage information from them on which to base a claim.

6.A.2. Meetings

6.A.2.a. Pending

6.A.2.a.1. GMDA Winter Meeting

The GMDA Winter Meeting is January 9-11 in Ft Worth. Birkel and Meduna plan to attend.

6.A.2.a.2. NACD Annual Conference

The NACD Annual Conference is January 29 to February 1 in Denver. Any directors interested in attending should let Jill know so arrangements can be made.

6.A.2.a.3. NARD Legislative Conference

The NARD Legislative Conference is January 24-25 in Lincoln. Please let Jill know if you plan to attend so reservations can be made. A decision needs to be made if we wish to again conduct the Senator's Dinner on the Tuesday evening of Conference with Lower Elkhorn, Lower Niobrara and Lewis and Clark NRDs.

6.A.2.a.4. January 9, 2017 Board Meeting

To accommodate those traveling to GMDA it was requested that the January 9, 2017 Board Meeting start time be changed.

**Board Chair Hannah declared that the January 9, 2017 LPNNRD Board Meeting start time will be 9:00 a.m.**

6.A.2.b. Reports

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find absences received from Directors Veskerna and Pollard for the November Board Meeting. No action was recommended.

6.A.3.b. Monthly Education Program

USGS will give a presentation on the Platte to Elkhorn groundwater study that is currently underway.

6.A.3.c. Nominating Sub-Committee

Annual Officer Election is to take place in January. The Nominating Committee is composed of our immediate past five (5) board chairpersons currently serving terms on the NRD board who are: Hilger, Kavan, McDermott, Saalfeld and Sabatka. Last March a policy was adopted to guide the Nominating Committee through their assigned process which is attached. The Board Chair is to appoint a Chair from the pool of sub-committee members with the sub-committee secretary to record minutes for inclusion into the January board agenda packet. Chair Hannah appointed Bob Hilger as Chair of the Nominating Sub-Committee.

6.A.3.d. Meeting Procedures

Attached are the Policy and Procedures that Jovan drafted for our consideration. The thought is that these guidelines will outline how we conduct our meetings and that for items not covered by this policy the board will attempt to honor the general intent of parliamentary procedures as set forth in the "Standard Code of Parliamentary Procedure by Alice Sturgis".

6.A.3.e. Use of NRD Logo

Prior to the November election candidate ads in two area newspapers contained the NRD logo. While it appears little can be done concerning this action it has been suggested that LPNNRD "Trade Mark" or "Copyright" our logo to minimize future abuse. Receiving a Nebraska "Trade Mark" is fairly simple and the fee is \$100.

6.A.3.f. Election Results

The day after election Jill sent out unofficial results. These numbers will not change until after the Canvassing Board meets on December 5 and certifies results by December 7. A copy of these results are attached. In Sub-District #2 we received unofficial results on November 29 with Charles Folsom receiving 27 votes.

6.A.3.g. Groundwater Management and Protection Act Coalition Annual Meeting

The annual meeting of the Groundwater Management and Protection Coalition was held on November 28. This is a member group of 18 NRDs who work to protect NRD groundwater laws and rulings to the benefit of all NRDs in Nebraska. Our group only comments on cases that may set a precedence that is contrary to how groundwater law is currently interpreted. Don Blankenau is our legal counsel who has prepared information on the four current cases (or groups of cases) that are attached. After reviewing the four cases Blankenau was directed to file an Amicus Brief in the Middle Republican NRD vs Medicine Creek LLC. This case could threaten the ability of NRDs to deny groundwater variance applications in restricted areas of an NRD.

Also attached find Meeting Minutes, Treasurers Report as of 11-28-16.

The group decided to assess dues of \$1,500 per member for FY17, a bill is attached.

6.A.3.h. Director Retreat

Director Retreat Information:

Date Wednesday, February 15

Location Benedictine Center, north of Schuyler

Topics:

1. Manager Selection Process
2. One to One voting for LPNNRD Directors
3. LPNNRD Director Residence Requirements
4. Groundwater Rules and Regulations - Review and proposed changes
5. Former Lickteig Property
6. Lower Platte River Corridor Alliance - Invite Dave Potter from LPSNRD
7. Basin Water Supply Discussion

Additional topics can be added at board meeting.

6.A.3.i. Letter from ACEC

Attached find a letter from the American Council of Engineering Companies informing Senator Mello that they no longer wish to pursue legislative action to place engineering limits on NRDs.

6.A.3.j. Meals at Board Meetings

Lausterer has been reviewing meal policies for another client and felt it would be prudent for us to review our policy. Statute prohibits governmental units from providing meals (or doughnuts) at board or committee meetings at the expense of the governmental unit. We currently provide light meals at our board meetings that take place during dinner time with the stipulation that elected directors reimburse the district \$2.00. We allow directors to place the \$2.00 meal cost on their director expense form. It is suggested that we increase the meal cost to elected directors to \$3.00 and not allow this cost to be claimed on director expense sheets. We could also deduct the meal cost (\$3.00) from directors per diem, leaving a paper trail to show that the meal cost was paid. Our current paper trail is very adequate as we have a monthly receipt and accounting entry showing "director meal reimbursement."

6.A.3.k. Ourada Complaint

Lausterer has not received word of any change from Ourada's attorney Tom Thompson. Their current position is that they are only willing to formally mediate directly with board members with no staff or legal counsel present. The six month time period has lapsed so they can file a lawsuit with the district at any time. The suggestion is that we take no action at this time.

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.6. FINANCE

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

HBE is working to get all accounting up to date since their assumption of the bookkeeping on the first of November.

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

6.A.6.c. Union Bank Interest Payment

Our semiannual interest payment to Union Bank is due in December. See attached sheet for detail.

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

6.B.1. UNFINISHED BUSINESS

Nothing to consider.

6.B.2. WILD NE/CREP REPORT

There are no payments.

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

The O & M Crew placed type B rip-rap on the handicap jetty at Czechland to help protect the sidewalk and also added rip-rap adjacent to the Homestead boat ramp. Spent some time cutting Autumn Olive at Czechland with the turbo power saw. Road repair at both Homestead and Czechland. Equipment maintenance.

6.B.3.a. Wildlife Viewing Area Wanahoo

Saunders County replaced the culvert and redeveloped the drive off of County Road O and cleaned the ditch from County Road 17 to the drive. Staff moved dirt to the parking area.

Staff sent a letter of support and NRD cost estimate for the project to Game & Parks for their grant application.

6.B.3.b. Rawhide Land Partnership Paul Gifford Drive

Paul Gifford did not accept a cash settlement based on the estimated bids received from two contractors that the NRD and Fremont obtained. The NRD and City of Fremont can hire a contractor and have the drive constructed for less money than what Paul Gifford is asking for. Attached find the request for informal bids and the responses from Collins Contracting and Thompson Construction. The item we are required to build is the 4' X 6' X 125' box culvert.

Fremont requires a P.E. approval and stamp for public improvement projects such as these that normally runs close to 15% of the construction cost. We are attempting to get the additional cost for Collins to perform a design-build as they did for the Wanahoo Entry Road contract prior to the committee meeting. A design-build Haddon for Thompson's bid is also being requested.

6.B.3.c. Wanahoo Lake Level Advisory Committee

At the November 10th Lake Level Advisory meeting, a motion was made, It was recommended by Jim McDermott, seconded by Don Veskerna, to advertise for "Requests for Proposals" from Engineering Firms to complete the Army Corps of Engineers 408 application for lowering Lake Wanahoo. Recommendation passed by voice vote. The next meeting as set by the Lake Level Advisory Committee is January 31 at 8:00 a.m. RFPs for the Section 408 will be opened and read aloud at this January 31st meeting. It is anticipated the resulting recommendation for interviewing selected firms will go to the LPNNRD Operations, Education and Rural Water committee on February 1, 2017. The O, E & RW committee recommendation will then go to the full LPNNRD Board for consideration on Feb 13, 2017.

Attached are the minutes from the November 10th meeting and the Wanahoo 408 RFP Letter.

6.B.3.d. Rawhide Ditch Repair

Thompson Construction finished the Rawhide Ditch repairs placing 12 sheets of piling, adding a culvert to the crossing and fixing three bank erosion spots on the Diagonal Ditch. The original estimate was \$10,500. The final invoice is \$11,360. The add in's were the used 24" concrete pipe and fixing the bank erosion on the diagonal ditch. Photo's attached.

6.B.3.e. Sand/Duck Dam 15 Boundary Survey

JEO will re-survey the Sand/Duck Creek Dam 15 property lines and place permanent markers on the west line between our property and Ourada's. The cost to re-establish the survey and set permanent markers is between \$2,100 and \$3,000 this is dependent up on establishing a point located in the water. The survey can then be used or passed along at auction.

6.B.3.f. Fremont GI Study

The Corps of Engineers and our non-federal partners met on Nov. 10 in Fremont. The COE has informed us that the cost of the project is now estimated to be over \$150 million causing the cost benefit ration to go below 1:1. The Corps has stated the best way to ensure federal funding is to have a ratio of 1-1.5:1. By the Corps estimates the project cost would have to be around \$90 to be 1:1. It will be difficult to cut \$60-65 million from the current design.

FYRA Engineering has performed a Hydrological and Flood Frequency Analysis on the Platte River for the Papio NRD from the Louisville area to the confluence of the Missouri River. As part of this study, the previous flood frequency analyses were investigated to ascertain the nature of the large divergence in the most recent flood frequency analysis. They are estimating that discharges are of lesser value which in turn could affect the entire Platte River corridor, therefore affecting the Fremont Study. FYRA suggests a two-step approach; first we have to spend 3-4 days to figure out

if the number is wrong. This involves data/report review, model and gage analysis. If we do find that the number is wrong, it will take another 3-4 days to calculate the new number...so each step w/ Bob's time would be conservatively estimated at 32 hours at \$125/hr = \$4,000.00.

The potential benefit is huge. The summary of the work we did on the Platte River study pertaining to the Louisville gage analysis and this was reviewed and accepted by the USACE and we are now working w/ FEMA, but they have seen it and know it's coming. If we can get a similar reduction in the Fremont area, what Bob says is now some very shallow flow depths in the project area may be able to be reduced to significantly narrow up the floodplain/floodway width. While he has not looked specifically in this area yet, Bob is confident that since this was all done as part of the same study, we are likely to see similar errors from the study in the Fremont area as well...

We will also look at the seasonal vs. annual discharges. If we were able to use the annual discharge the reduction would have been even greater. Our non-federal partners would like to meet and discuss all the above situations.

6.B.3.g. Czechland Recreation Camping Revenue

To date the Czechland camping revenue is \$8,306.70.

6.B.4. ROCK AND JETTY (Bank Stabilization)

Kay Poppe owns property adjacent to Skull Creek in Saunders County. Her tenant Randy Kremlacek advised her to repair a break in the levee on the north side of the creek. Standing C Excavating has given them a bid of \$4,100 to repair her levee and extract another snag from the creek upstream. Mountford, Heimann, Directors Ruzicka, Kavan, Hilger, Birkel, Clausen and Feala were on site to see the situation. This project can be assisted with our Stream Bank Stabilization Program, 50% cost share up to \$2,000.

6.B.5. EROSION & SEDIMENT RULES & REGULATIONS

Our District's revised Erosion & Sediment Rules & Regulations have been sent to DNR for the Commissions review in December.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

The KTIC radio ad and the Wahoo Newspaper eAd for December are promoting tree sales for next spring.

6.B.6.a.2. Long Range Plan

Staff have been working on updates for the FY 2017 Long Range Plan. Completion is expected by the end of the year.

6.B.6.b. Education

6.B.6.b.1. Butler County Government Day

Butler County Government Day was held Friday, November 18<sup>th</sup>. TePoel attended to represent the NRD and presented to approximately 20 students with FSA. Butler County NRCS also usually attends, but was unable this year due to schedule conflicts.

6.B.6.b.2. Newman Grove Girl Scouts

TePoel presented 2 wildlife educational activities to a Girl Scouts group in Newman Grove on November 8<sup>th</sup>. Approximately 15 students in grades Kindergarten-4<sup>th</sup> grade attended.

6.B.6.b.3. Nature Education Trail/Disc Golf Course

All sponsorship payments have been received. Design and printing will begin for the sponsor logo decals for the baskets. 8 of the 9 holes have been flagged and mowed. Hole 9 is pending design and layout. An example of the mowing is attached. After considering budget and further projects details, we have decided not to move forward with Kids in Parks. Educational information and sign designs will be completed by NRD staff and printing will be considered locally.

6.B.6.c. Computer

6.B.7. RURAL WATER SYSTEMS

It appears the remote read upgrade through The Phoenix Group may turn out to be more expensive than initially thought. In order to continue moving forward with our necessary meter reader upgrade, I am contacting several sources for a new handheld and software pricing. Once I have complete bids, I will bring them to the Committee.

6.B.7.a. Colon System

November samples were collected and delivered to Lincoln and billings are being sent out today.

All Colon fire hydrants were exercised as per our annual plan.

I met with the Village Board of Colon and informed them of our intention to discontinue including their sewer billing with our monthly bills. They have requested we continue to include their sewer bill with our monthly billing for a monthly fee. Staff has discussed issues and rates for the continued billing and are recommending a charge of \$.75 per customer per month to continue this service for Colon. This fee will be deducted from our quarterly billing reimbursement payment to the Village.

6.B.7.b. Bruno System

November samples were collected and delivered to Lincoln and billings are being sent out today.

6.B.7.c. Other

## 6.C. Water Committee - Action as Required

### 6.C.1. UNFINISHED BUSINESS

- Martin Erickson variance request for irrigation well in RDA Swedeburg subarea
- Flow meter Maintenance Program

#### 6.C.1.a. Martin Erickson Variance Request

The Martin Erickson variance request (which is within one mile of the border with the Hydrologically Connected Area (HCA)) was to be further reviewed before possible approval. This land ranked high enough for consideration with other variance requests in the HCA.

Staff presented information about the geology in the area and described the variance policy on irrigation in the restricted development area. See attached documents including update hydrographs of Brazda and Swedeburg monitoring wells.

At the November 2, 2016 Water Committee a large audience was in attendance and they submitted a petition stating opposition to the LPNNRD granting an irrigation well permit in Section 20, T14N, R7E (see attached). Much discussion followed.

Committee members at the November 2, 2016 meeting made the motion: "To table the variance request for Martin Erickson for new irrigated acres and a new irrigation well in the NE1/4, Section 20, T14N, R7E Swedeburg subarea of the Restricted Development Area passed with a motion by Robert Meduna and a second by Robert Hilger."

At the November 30, 2016 Water Committee meeting staff presented new information on well logs of two irrigation wells one mile north of the proposed Erickson irrigation well showing the different aquifer conditions between these sites and hydrographs of several LPNNRD monitoring wells in the area. Mr. Erickson presented information from the Swedeburg AEM flights (depth of EM signal 80 to 100 feet) and the Saunders County Groundwater Atlas showing generalized maps of groundwater flow direction and cross sections.

#### 6.C.1.b. Flow Meter Maintenance Program

Request for Proposals for our Flow Meter Maintenance Program were sent out in early October with a deadline of November 1st. Requests were sent to area irrigation supply companies, meter companies, well drillers and pump installers.

We have received replies from three companies and these are shown below. With at total of ~330 sites for both SQS areas and inspected once every four years, that works out to ~83 inspections per year.

<b>C o m p a n i e s</b>	<b>McCrometer</b>	<b>Tri-City Meters</b>	<b>Marx Repair</b>
<b>C o s t p e r S i t e V i s i t</b>	\$50	\$55	\$75
<b>C o s t f o r 8 3 W e l l s</b>	\$4,150	\$4,565	\$6,225

The Committee took no formal action, but asked staff to contact these companies for a price breakdown in replacement parts.

Requests were sent to the three companies.

<b>C o m p a n i e s</b>	<b>McCrometer</b>	<b>Tri-City Meters</b>	<b>Marx Repair</b>
<b>P r o p e l e r</b>	\$205	\$205	\$205
<b>B e a r i n g</b>	\$317	\$317 new or \$192 rebuilt	\$317

<b>A s s e m b l y</b>			
<b>R e g i s t e r</b>	\$208	\$178	\$208
<b>C a n o p y f o r R e g i s t e r</b>	\$78	\$39	\$78
<b>C a b l e</b>	\$9.10	\$5.13	\$9.10
<b>L i n e r</b>	\$9.10	\$5.13	\$9.10
<b>L i n e r S t o p</b>	\$1.25	\$1.50	\$1.25
<b>G a s k e t f o r S a d d l e</b>	\$6.60	\$5.00	\$6.60

<b>M e t e r</b>			
<b>L a b o r C o s t p e r h o u r f o r R e p a i r</b>	\$74 / meter	\$65 / meter	\$65

After much discussion it was decided to hire Tri-City Meters to run the LPNDR Meter Maintenance Program. A contract will be drafted for them to sign.

6.C.2. REGULATORY

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

6.C.2.a.1. Well Permit Program

6.C.2.a.1.A. Well Permits Approved

Seven new permits were approved since the last Committee meeting.

<b>Landowner</b>	<b>Number Of Wells</b>	<b>Number Of N</b>
Keith McBurney	1	
Elkhorn Crossing LLC	1	
Elkhorn Crossing LLC	1	
Sylvia K Rodgers Trust	1	
James L and Ellen Ann Paulson	1	

Elaine Eisenmenger	1	
Schmit Land Co	1	

The total number of approved permits for 2016 is 24.  
 Location of Approved Well Permits for 2016: Correct as of  
 11/30/2016

County	Irrigation -New	Irrigation -Replaces
Butler	0	1
Colfax	0	3
Dodge	2	3
Boone	1	1
Madison	0	0
Platte	0	1
Saunders	3	2
Total	6	11

#### 6.C.2.a.1.B. Birkel Request Well Permit Application

Joe Birkel is requesting a new supplemental well to irrigate existing irrigated acres in the SE 1/4 NW 1/4 S29-16N-3E, Butler County, Octavia Subarea. The new well will irrigate 90 certified irrigated acres that were previously irrigated with well G-008114. Attached is a map showing the field in question and the test hole submitted by Mr. Birkel. The current well G-008114 was drilled in 1946, with static water level of 44 ft., pumping water level of 64 ft., and well depth of 133 ft.

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

##### **SQS #1 (Butler-Saunders)**

There are 30 irrigation wells in this area. 25 of these have a flow meter; the other five wells were not used in 2016. 22 of the 25 flow meter reporting forms have been returned. Oaklund left message for those

whose form has not yet been returned: Ben Kastl (two); Daniel Kellner (one). Both Kastl and Kellner called Oaklund the day of the Water Committee meeting – they will send in their flow meter reporting forms.

**SQS #2 (Platte-Colfax)**

Staff has continued checking flow meters and measuring water levels. Flow meter cost-share applications continue to be received in the mail each day.

Flow meter reporting forms are also being returned – 193 have been received so far

6.C.2.a.3. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

No new update.

6.C.2.a.4. Voluntary Integrated Water Management Plan - LENRD and LPNNRD

No new update, still waiting on DNR.

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

6.C.2.a.5.A. Irrigation Well Sample Kits

Request for one kit was received in the mail on Monday November 28th (Terry Micek, Bellwood). 348 irrigation kits have been mailed so far in 2016. Two of these kits haven't yet been used – Charles Emanuel called Oaklund and said he would have them collected this week. Five water samples were received in mid November. Three more water samples were received last week prior to Thanksgiving and these were taken to the lab in Lincoln. Producers have collected 81 water samples since Labor Day. All sample results received have been mailed to producers.

6.C.2.a.5.B. Flow Meter Cost Share Program

6.C.2.a.5.B.1. Questions on Flow Meter Cost Share Program

Two new questions have come up concerning the Flow Meter Cost Share Program.

- We have received only ~190 flow meter readings of the ~300 required. Staff recommends we hold cost share payment of those producers who have requested funds, but have not submitted their readings yet. Water Committee members agree with this.

- In the past we have offered to pay full cost of a flow meter for those producers who are also in our GWEL Network. Do we want to continue to do this? The LPNNRD has 16 wells we measure within the SQS area #2 and currently we have requests from producers for 4 GWEL wells. The staff proposal is that the WSF grant would pay the first portion of the cost of the flow meter, with the LPNNRD making up the rest. After some discussion between Water Committee members and reviewing the current LPNNRD budget the Directors felt an upper limit of \$1,000 dollars should be set for the combined total of WSF and LPNNRD funds for 8 inch meters.

6.C.2.a.5.B.2. Flow Meter Cost Share in SQS #2

As of November 29, 2016, we have received a total of 126 applications (see attached spreadsheet). Several of these still need to be inspected to insure that the meter is installed properly.

For December 12, 2016 Board Meeting, we will have a total of 57 cost-share applications to approve.

49 x 8" meters or 49 x \$770 = \$37,730

2 x 8" meter but GWEL wells so 2 x \$1,000 = \$2,000

(WSF of 2 x 8" meter or 2 x \$770 = \$1,540)

(LPN of 2 x 8" meter or 2 x \$230 = \$460)

6 x 6" meters or 6 x \$577 = \$3,462

For a Grand Total (WSF & LPN) of = \$43,192

(WSF total of \$42,732)

(LPN total of \$460)

So Running Total WSF Grant = \$61,789 of \$200,000 grant

So Running Total LPN funds = \$460

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

2016 is the fourteenth year for this Phase 2 Area. Phase 2 information packets with order were mailed to producers in June, before the start of irrigation.

This area was reduced from 32 sections to 21 sections in 2015.

	Nitrate-Nitrogen Range	Percent Nitrate-Nitrogen	Percent Nitrate-Nitrogen	Percent Nitrate-Nitrogen
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		<b>0 To 8.0 Ppm</b>	<b>8.01 To 10.00 Ppm</b>	<b>Greater Than 10 Ppm</b>
	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)
	0 to 35.1 ppm	37% (25 of 68)	12% (8 of 68)	51% (35 of 68)

Hough Farms water sample of G-065461 collected in August had a **93.6 ppm** result for G-065461. After talking with Tommy Hough it was determined that this sample was collected while they were chemigating at this well. Oaklund arranged with Tommy Hough to re-sample this well. The result of the second sample was 13.6 ppm, which is within the range of previous sample results (3.70 to 18.5 ppm). *[Note: The 93.6 result was removed from the above table.]*

2016 is the fourteenth year for this Phase 2 Area. Phase 2 information packets with order were mailed to producers in June, before the start of irrigation.

This area was reduced from 32 sections to 21 sections in 2015.

	<b>Nitrate-Nitrogen Range</b>	<b>Percent Nitrate-Nitrogen 0 To 8.0 Ppm</b>	<b>Percent Nitrate-Nitrogen 8.01 To 10.00 Ppm</b>	<b>Percent Nitrate-Nitrogen Greater Than 10 Ppm</b>
	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)
	0 to 35.1 ppm	37% (25 of 68)	12% (8 of 68)	51% (35 of 68)

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	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)
	0 to 35.1 ppm	34% (25 of 73)	11% (8 of 73)	55% (40 of 73)

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

2016 is the first year of this Phase 2 Area. There are 45 registered active irrigation wells in the ten sections of this new area.

	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
	1.47 to 41.8 ppm	29% (9 of 31)	6% (2 of 31)	65% (19 of 31)

6.C.2.a.8. Richland - Schuyler Phase 3 Area

2016 is the first year of this Phase 3 Area. This Phase 3 area went into effect September 1, 2015. The 55 sections of this area first went into a Phase 2 Area in 2004.

	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
	0 to 53.3 ppm	23% (55 of 238)	12% (29 of 238)	65% (154 of 238)
	0 to 50.5 ppm	25% (58 of 228)	10% (22 of 228)	65% (148 of 228)

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6.C.2.a.9. LPNNRD Operator Certification

6.C.2.a.9.A. LPNNRD Operator Certification Classes

Steve Semin completed online test the week of November 28th.

	<b>Cert date</b>	<b>Name</b>	<b>Re-cert</b>	<b>Comments</b>
	11/28/2016	Steve Semin	Yes	#5096 expired 4/1/2016

Staff will meet with UNL County Extension Educators to set up class schedule for 2017.

6.C.2.b. CHEMIGATION

November 1st was the deadline for new and renewal inspections to be completed or they would lapse. Therefore, for 2016 we have 478 renewals and 95 new permit applications for a current total of 573. In 2015 we had a total of 515 chemigation permits.

6.C.2.c. LIVESTOCK WASTE PERMITS

No new livestock permit applications from DEQ since the last Water Committee meeting.

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

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

No new wells have been reviewed and approved by Gottschalk for decommissioning since the last Committee meeting.

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

One well has been plugged, reviewed, and ready for cost share payment approval this month.

<b>Well Owner</b>	<b>Type of Well</b>	<b>Cost Share Estimate</b>
Louis Kavan	18" Stock Well	\$639.91

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

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

No new updates. The next technical meeting will be held in conjunction with the NARD Legislative Conference in Lincoln at the end of January.

6.C.3.b.2. Platte and Elkhorn River Valley Integrated Water Monitoring

A previous study in the mid-1990's by the LPNNRD ("Platte River - Sandpit Level Recorder Study") established a hydrologic connection between the Platte River and adjacent sand pits, including the sandpits at the Game & Parks Two Rivers State Recreation Area. Many geologists and hydrologists theorized that ground water from the Platte River south of Fremont was flowing toward the Elkhorn River, but the quantity was unknown.

This new study is to determine that amount and is a cooperative effort between Pappio-Missouri NRD (lead agency), Lower Platte North NRD, and U.S. Geological Survey for real time continuous monitoring of ground water energy levels and stream flow between the Platte River at the Leshara stream gauge and Waterloo stream gauge on the Elkhorn River. This is a two year study, which commenced in 2016.

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

Municipal wellfields in the Lower Platte River Basin depend on the Platte River to recharge the groundwater for their use. This study will look at long term water supplies in the Lower Platte River Basin, and the ability to enhance streamflow, especially in drought conditions, to sustain these municipal water systems. Sustaining water in the river would also provide a benefit to wildlife and agriculture by lessening the likelihood of a 'call' on the river. Due to different hydrologic conditions in the Platte River, such as gaining and losing segments,

siting of future reservoirs, groundwater storage projects, etc. becomes important in order to most effectively move water to a desired location downstream.

Agencies involved in the study are the Lower Platte South NRD (lead agency), Lower Platte North NRD, Papio-Missouri NRD, City of Lincoln/Lincoln Water Systems, the Nebraska Department of Natural Resources, and the Metropolitan Utilities District. The year 2016 is the first year of the project and currently funding is being sought with the U.S. Bureau of Reclamation Water Smart Grant and the Nebraska Water Sustainability Fund Grant (WSF).

#### 6.C.3.c. GROUND WATER ENERGY LEVELS

Attachment is the Ground Water Level summary comparison of Fall 2015 to Fall 2016.

Staff completed collection of the Fall measurements in November. The David City subarea had the largest declines both in terms of number of sites and depths. The sites in the area from David City to the Sabata monitoring wells were consistently about 7½ feet lower this fall. Normal Spring to Fall readings typically have a 15 to 20 foot decline, so the 7.5 foot decline is actually less than normal. This aquifer is strongly confined and the pressure in the aquifer usually returns by June 1st of the following year.

Oaklund reviewed the hydrographs for each well in our GWEL Network

- Two Platte Valley sites [PV-5B & PV-6] had “high points”
- Three Upland sites [UP-30, UP-36A, UP-39] had “high points”
- Several Todd Valley sites [ten] had “high points”. We had received calls in May, June, from Village of Colon regarding basement flooding and high water table

#### 6.C.3.d. FORMER ORDNANCE PLANT NEAR MEAD

The latest Open House meeting was held on November 16, 2016 at the Yutan VFW Country Club. Topics presented included the 2015 Containment Evaluation, Recent groundwater quality results from sampling efforts in the Omadi Sandstone bedrock, and the new investigation into buried ordnance (see attached newsletter).

- The 2015 Containment Evaluation uses sampling results and groundwater modeling to determine if the contaminate plumes are still in containment. With this evaluation the Army Corps of Engineers feels the plumes are in containment.
- The Omadi Sandstone sampling (part of the Dakota sandstone formation) was done at 13 sites with 3 to 4 monitoring wells per site drilled to different depths. Eleven sites were clean or non-detect while the other two (MW-86 and MW-100) had RDX at less than 2 ppb, which is below the health standard and clean-up goal.

- A new investigation will be done for possible buried ordnance in the potential landfill area near the NRD reservoir and a larger area south of Load Line 1. These areas were last looked at in the late 1990's. Using robotics a more thorough investigation is now possible.

6.C.4. SURFACE WATER PROGRAMS

6.C.4.a. USGS STREAM FLOW GAUGING SITES

Attached is the Joint Funding Agreement for 2017 between LPN and USGS for continued stream flow gauging on Wahoo Creek at Ashland and Shell Creek near Columbus, plus continued monitoring of ground water levels at ARDC. LPNNRD portion is \$16,725 which is our budget.

6.C.5. OTHER

6.C.5.a. GMDA ANNUAL CONFERENCE

Last call on the GMDA conference set for January 9 - 11, 2017 in Ft. Worth, Texas. Conference announcement is attached. The conference agenda and other details are on the Conference website [www.gmdaconference2017.com](http://www.gmdaconference2017.com). Birkel and Meduna expressed interest in attending the conference.

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

The following people were in attendance at the Water Committee meeting:  
 Martin Erickson  
 Leanne Koeppe  
 Don Koeppe

=====

The Water Committee adjourned at 7:20 pm.

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

No unfinished business to discuss.

6.D.2. SWCP

Gottschaulk presented the updated SWCP Spreadsheet as attached to the Projects Committee Minutes.

6.D.2.a. SWCP Application Approvals

Larry Muhle	Colfax Co.	Emergency Terrace/Basin Repair	\$
1,000.00			

6.D.2.b. SWCP Payments

15-B-5 William Perk Terraces/Tile \$ 11,408.59

6.D.2.c. SWCP Cancellations

None

6.D.2.d. Nebraska Buffer Strip Payments

**Nebraska Buffer Strip Program 2016 Payments**

Charles Barjenbruch	9.5 acres	\$ 229.24
James Barjenbruch	13 acres	\$ 341.77
Lavaine Gaskill	5.5 acres	\$ 155.38
Hill Valley Farms	16.5 acres	\$ 3,712.50
Rodney Julsen	23.1 acres	\$ 5,197.50
Ed Luetkenhaus	4 acres	\$ 900.00
Francis Shanle	9.5 acres	\$ 247.00
Ronald Anderson	12.9 acres	\$ 759.93
Tom Sprunk	15.4 acres	\$ 3,465.00

**TOTAL 2016 PAYMENTS: \$ 15,008.32**

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

None

6.D.2.f. Wahoo Creek Grant Payments

Ed Sladky Septic System upgrade \$ 3,300.00

6.D.2.g. SWCP Policy Changes

NRCS District Conservationist, Mark Walkenhorst and Jami Thoene were present to discuss some suggested changes to our Soil and Water Conservation Program. Attached is our Policy showing Mark's and Jami's suggested changes which would allow small project applicants to apply directly for LPNNRD funding instead of first applying for federal EQIP funds. By allowing small projects to by-pass the EQIP application process, it will help NRCS operate more efficiently as these small projects applications generally do not rank out high enough for EQIP assistance but require as much work to evaluate as a large project.

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek Watershed

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

NDEQ has notified us that EPA has approved the Shell Creek Environmental Enhancement Plan Implementation. This is a long awaited huge step as we can now move forward with completing four designed creek bank and tributary stabilization projects.

The largest of the designed group of project ("Kramer Bank Stabilization Project") which is to stabilize the Shell Creek bank located near Colfax County's bridge (C001901915) on County road 10, just north of road H. We just learned that the Army Corp's of Engineers has issued the 404 permit to proceed. We have a planning meeting with NDEQ at 10:00 a.m., Thursday, December 8, 2016, at the Columbus NRCS Office, to discuss next steps. We have about \$145,000 of approved NET grant funds and it appears that will could have another \$100,000 - \$150,000 available from NDEQ to assist with these projects. Hopefully we can get all four projects constructed in 2017.

6.D.3.b. Wahoo Creek Watershed

6.D.3.b.1. Wahoo Creek Watershed Water Quality Plan Phase II

Mountford has been working with NDEQ on completing a Project Implementation Plan for Wahoo Creek Watershed Water Quality Plan Phase II. As you may recall, we have \$106,000 approved from the Nebraska Environmental Trust and are working to increase our initial \$168,215 grant approval from NDEQ to \$265,950. These funds will be combined with LPNNRD and Saunders County funds to hopefully build at least three multi-purpose road dams in the Wahoo Creek Watershed. One of the many benefits of these dams will be flood reduction. Mountford met with Saunders County Road Superintendent Steve Mika on November 29 to inspect several potential road dam sites. Other grant and EQIP funds will be used to help complete landowner conservation practices during this project phase.

6.D.4. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.4.a. LPRCA Monthly Report

Miyoshi and Mountford attended the November 15th quarterly LPRCA meeting at Papio NRD. A meeting has been scheduled at the Army National Guard Camp at Ashland on February 24, 2017, with Board members from LPNNRD, LPSNRD and PMRNRD to discuss the future of the LPRCA. As you know, we are presently a non-dues paying member, but involved with a few prior commitments. As discussed last month, one of biggest topics for continuing with the Alliance is the opportunity with the upcoming Army Corp's of Engineers Lower Platte River new Watershed Restoration Authority. This authority may lead to new federal funding opportunities for various projects in the Lower Platte River Watershed. Another topic that was mentioned was the importance of completing the LPRCA Water Quality Plan that has been underway for a couple years.

**After the Projects Committee Meeting, Dave Potter, LPSNRD Assistant Manager, sent the attached November 15<sup>th</sup> LPRCA minutes which note**

**that NDEQ is willing to provide a grant for \$17,225 (50%) to help with the total cost of \$34,450 to complete the LPRCA Water Quality Management Plan. The remaining \$17,225 will need to be a non-Federal match which is proposed to be divided three ways by LPSNRD, PMRNRD and LPNNRD. The expected cost to each of the three NRDs to complete this effort would be \$5,741.67.**

**To date, LPNNRD has been an equal partner on completing this plan, that when finished, will encompass the majority of our district that is not covered by our Shell Creek and Wahoo Creek Water Quality Plans. This would only leave about the eastern 1/3 of Dodge County in LPNNRD that would not be uncovered by a plan. As we have witnessed with completing our Wahoo Creek and Shell Creek Watershed Water Quality plans, opportunities emerged for receiving state and federal funding assistance from NDEQ and NET for various priority projects.**

**We have been asked that at this topic be discussed at our December 12th Board meeting to know if we will continue to be equal partners with LPSNRD and PMRNRD to complete the LPRCA Watershed Water Quality Plan and provide up to \$5,741.67 toward this effort.**

6.D.5. OTHER

6.D.5.a. Army COE 205 Projects

6.D.5.a.1. Fremont 205

The Corps of Engineers and our non-federal partners met on Nov. 10 in Fremont. The COE has informed us that the cost of the project is now estimated to be over \$150 million causing the cost benefit ration to go below 1:1. The Corps has stated the best way to ensure federal funding is to have a ratio of 1-1.5:1. By the Corps estimates the project cost would have to be around \$90 to be 1:1. It will be difficult to cut \$60-65 million from the current design.

FYRA Engineering has performed a Hydrological and Flood Frequency Analysis on the Platte River for the Papio NRD from the Louisville area to the confluence of the Missouri River. As part of this study, the previous flood frequency analyses were investigated to ascertain the nature of the large divergence in the most recent flood frequency analysis. They are estimating that discharges are of lesser value which in turn could affect the entire Platte River corridor, therefore affecting the Fremont Study. FYRA suggests a two-step approach; first we have to spend 3-4 days to figure out if the number is wrong. This involves data/report review, model and gage analysis. If we do find that the number is wrong, it will take another 3-4 days to calculate the new number...so each step w/ Bob's time would be conservatively estimated at 32 hours at \$125/hr = \$4,000.00.

The potential benefit is huge. The summary of the work we did on the Platte River study pertaining to the Louisville gage analysis and this was reviewed and accepted by the USACE and we are now working w/ FEMA, but they have seen it and know it's coming. If we can get a similar reduction in the Fremont area, what Bob says is now some very shallow flow depths in the project area may be able to be reduced to significantly narrow up the floodplain/floodway width. While he has not looked specifically in this area yet, Bob is confident that since this was all done as part of the same study, we are likely to see similar errors from the study in the Fremont area as well...

We will also look at the seasonal vs. annual discharges. If we were able to use the annual discharge the reduction would have been even greater. Our non-federal partners would like to meet and discuss all the above situations.

6.D.5.a.2. Schuyler 205

Kohl Construction from Schuyler has been hired to preform the highway ditch cleaning contract.

6.D.5.b. Shell Creek Landowner Levee Project Update

Director Bailey reported that the project has received a no-rise certificate and are now waiting for levee height information from the Army COE before proceeding.

6.D.5.c. Review of Projects Financial Statement

6.D.6. WESTERN SARPY/CLEAR CREEK LEVEE REPORT

No new business to report. We are still waiting for the completed operations and maintenance manual from the Army Corp's of Engineers which is due by the end of the year.

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.**



**Managers Report**  
**John Miyoshi**  
**December 12, 2016**

November was the first month to use “bills.com” for paying our bills. Payments were later than normal due to the newness of the system, but all bills were paid and we are prepared for December payments being sent tomorrow.

The Alliance quarterly meeting was held November 15 with very good program updates. A planning retreat is scheduled for February 24 with directors from all three NRDs. The purpose of the retreat is to decide if we want to continue with the Alliance and if so, what will the priorities be and will it be at a scaled back level. This is the chance for a dialogue between directors from all three districts.

November 16 the semi-annual Open House Update for the cleanup operation at the Nebraska Ordinance Plant at Mead was held. The most newsworthy information was that explosives were detected in two of the bedrock wells. This is the first time the bedrock has been sampled for degreasers and explosives (the two contaminants of concern at the site). Both samples are below the action level. The Corps is planning to increase future bedrock sampling.

The State Canvassing Board certified the 2017 election results on December 7 and there was no change from the preliminary results. At our November board meeting we were unsure on the results for sub-district 2. As was reported last week Chuck Folsom was elected to office as a registered write-in. Newly elected board members can be sworn into office any time after January 1.

Last week a list was emailed to all board members defining which river basin they reside in. We have 19 directors in the Lower Platte Basin, 5 in the Elkhorn Basin and 1 in the Big Blue Basin. On January 13 the Elkhorn Basin will conduct a Caucus in Norfolk with the primary purpose of electing a basin representative to the Natural Resources Commission.

Later today we will approve the Water Committee’s recommendation on selection of a firm to preform maintenance on water meters in our Special Quantity Sub-areas. This will be a new endeavor for us with inspections being conducted every four years on each of the 330 meters in the two areas.

Tyler has spent much of the fall performing compliance inspections in SQS 2. Meters were to be installed on all wells within the area by May 1. It appears we have 11 wells (3%) out of compliance with no flow meter. How we will handle these non-compliance irrigation systems will be up to the Water Committee and Board.

A filmed interview was conducted with UNL Journalism student Matt Rigby on Lake Wanahoo. The history of the project was reviewed as well as the current request to add flood storage.

Water Strategies informed us that a compromise WRDA Bill was passed on December 8. Two add in items were allowed with one of them being an addition of \$100 million to the NRCS Watershed Program (the program that we have applied for assistance on two of the Wahoo Creek Watershed Dams).

**LOWER PLATTE NORTH NRD MINUTES  
BOARD MEETING  
November 14, 2016**

The regular monthly meeting of the Lower Platte North NRD Board of Directors was called to order at 4:25 p.m. at Newman Grove Public School, Newman Grove, NE on Monday, November 14, 2016.

**1. NOTICE OF MEETING**

The advanced notice of our November 14, 2016 board meeting was published on October 28, 2016 in the Banner Press, Columbus Telegram, Fremont Tribune, Schuyler Sun and Wahoo Newspaper.

Chair Hannah informed those present that a copy of the "Open Meeting Act" is posted for public viewing.

Pledge of Allegiance

**2. ROLL CALL - INTRODUCTIONS**

**DIRECTORS PRESENT AND CONSTITUTING A QUORUM:**

Bailey	Birkel	Clausen
Feala	Gibney	Hagerbaumer
Hilger	Kavan	McDermott
Meduna	Olson	Pollard
Ruzicka	Saalfeld	Sabatka
Seier	Hannah	

**DIRECTORS ABSENT**

Sobota	Veskerna
--------	----------

**STAFF AND GUESTS:**

Miyoshi	Mountford	Breunig
Benal	Oaklund	TePoel

Schomer

Legal Counsel Lausterer

Sign in sheet attached to original minutes.

**3. APPROVAL OF AGENDA**

**4. COMMENTS - ADVISORS/GUESTS/DIRECTORS**

**a. Guest Comments**

Legal Counsel Lausterer reported that he had contacted Ourada's attorney and they are not willing to set up mediation with Legal Counsel and NRD staff present. Staff was directed to notify the Ourada's that the NRD was hiring JEO to have permanent markers set to the boundaries of the NRD owned property.

**b. NRCS Report**

Eric Smith was present to give the NRCS Report.

**c. NARD Report**

Hilger reported that the NARD Board Meeting was being held in Chardon today.

**d. NRC Report**

None

**e. Managers Report**

Manager Miyoshi reviewed his written report.

**f. Education Program – None**

**5. APPROVAL OF MINUTES**

McDermott made the motion, seconded by Feala, to approve the minutes from the October 10, 2016 Board Meeting. Motion carried on consent agenda.

**6. REPORT OF STANDING COMMITTEES**

**A. EXECUTIVE COMMITTEE REPORT**

**1. UNFINISHED BUSINESS**

**a. Off Site Water Table Concerns Near Sand Creek**

Lausterer reported that he had contacted Stoeber's attorney Brad Holtorf and he is preparing a claim for the Stoeber's. Lausterer has not heard back from either the Murren's or Gaughen's.

**2. Meetings**

**a. Pending**

**1. GMDA Winter Meeting**

McDermott made the motion, seconded by Feala, to authorize up to two directors and two staff attend the GMDA Winter Conference. Motion carried on consent agenda.

**2. NACD Annual Meeting**

McDermott made the motion, seconded by Feala, to authorize up to two directors and two staff attend the NACD Annual Meeting. Motion carried on consent agenda.

**3. NWRA Annual Meeting – Update Given**

**b. Reports – None**

**3. Management Items**

**a. Director Absences – None**

**b. Monthly Education Program – None**

**c. Great Plains RC&D Dissolution**

McDermott made the motion, seconded by Feala, to designate the Nebraska Land Trust as recipient of excess funds from the Great Plains RC&D on behalf of Lower Platte North NRD. Motion carried on consent agenda.

**d. NACD Dues**

McDermott made the motion, seconded by Feala, to pay LPNNRD's FY 2017 dues to NACD in the amount of \$1,776 as attached to the Executive Committee Minutes. Motion carried on consent agenda.

**e. Water Strategies**

McDermott made the motion, seconded by Feala, to make payment to Water Strategies for October (one-half month) in the amount of \$2,250 and \$4,500 for November and bill Lower Platte South and Pappio NRD's for their portion. Motion carried consent agenda.

**f. Recognition Banquet – Update Given**

**g. Dodge County Tax Roll Correction**

McDermott made the motion, seconded by Feala, to approve the Dodge County Tax correction of \$234.35 as ordered by the TERC Board and inform the Dodge County Treasurer to withhold this amount from our next monthly payment as attached to the Executive Committee Minutes. Motion carried on consent agenda.

**h. Water Leaders Academy 2017**

Birkel made the motion, seconded by Olson, to financially support Bret Schomer in attending the 2017 Water Leaders Academy. Motion carried all members present voting aye.

**i. Retainer Agreement for Legal Counsel**

Saalfeld made the motion, seconded by Ruzicka, to renew the two-year Legal Counsel Retainer with Bromm, Lindahl, Freeman-Caddy and Lausterer as attached to the Executive Committee Minutes. Motion carried.

**AYE:** Birkel, Clausen, Feala, Gibney, Hagerbaumer, Hilger, McDermott, Olson, Pollard, Ruzicka, Saalfeld, Sabatka, Seier, Hannah

**NAY:** Kavan, Meduna

**j. Property Taxes by Class – Update Given**

**4. Equipment - None**

**5. Personnel – Update Given**

**6. Finance**

**a. Approval of Financial Reports – Update Given**

**b. Approval of Managers Expenses**

McDermott made the motion, seconded by Feala, to approve Manager Miyoshi's time and expense sheets as attached to the Executive Committee Minutes. Motion carried on consent agenda.

**c. Accounts Receivable Over 90 Days – Update Given**

**d. Renew Line of Credit with Union Bank**

Feala made the motion, seconded by Birkel, to renew our \$400,000 "Line of Credit" with Union Bank. Motion carried all members present voting aye.

**e. Update Capitalization Policy**

Ruzicka made the motion, seconded by Pollard, to approve the updated "Capitalization Policy" for LPNNRD effective July 1, 2016 as recommended by HBE and attached to the Executive Committee Minutes. Motion carried all member present voting aye.

**f. HBE Annual Audit Payment**

Olson made the motion, seconded by Birkel, to make payment to HBE in the amount of \$21,410 for performing our June 30, 2016 Annual Audit. Motion carried all members present voting aye.

McDermott made the motion, seconded by Feala, that the November LPNNRD Executive Committee Minutes be received and placed on file. Motion carried on consent agenda.

**B. OPERATIONS, EDUCATION & RURAL WATER COMMITTEE REPORT**

**1. UNFINISHED BUSINESS – NONE**

**2. WILD NE/CREP REPORT – Update Given**

**3. OPERATION AND MAINTENANCE & OTHER ITEMS**

**a. Wildlife View Proposal on Wanahoo - Update Given**

**b. Czechland Lake – Update Given**

**c. Rawhide Land Partnership Paul Gifford Drive – Update Given**

**d. Lake Wanahoo Hay – Update Given**

**e. Lake Wanahoo Lake Level**

Ruzicka made the motion, seconded by McDermott, to advertise “Requests for Proposals” (RFP’s) from Engineering Firms to assist with completing the Section 408 process for varying the Lake Wanahoo level by up to three feet. These RFPs will be opened at the next Lake Advisory Panel meeting. Motion carried all members present voting aye.

**f. Seven Sand/Duck Creek Dam Deficiencies – Update Given**

**g. Fremont GI Study – Update Given**

**h. Tractor Rental**

McDermott made the motion, seconded by Feala, to approve the rental agreement from Platte Valley John Deere to rent a JD 8245R for \$3,500 not to exceed 200 hours for the 2017 mowing season. Motion carried on consent agenda.

**i. Lake Wanahoo Dam Instrumentation Monitoring Contract**

McDermott made the motion, seconded by Feala, to approve the amendment to the Olsson Associates contract to perform all required instrument monitoring on the Wanahoo dam this fall, 2016 at the contracted price of \$1,363.92. Motion carried on consent agenda.

**j. Community Forestry Program**

McDermott made the motion, seconded by Feala, to approve assisting Mead Public Schools with \$1,000 in planting trees north of the high school. Motion carried on consent agenda.

**3. ROCK AND JETTY - NONE**

**4. EROSION & SEDIMENT RULES & REGULATIONS – Update Given**

**5. INFORMATION & EDUCATION**

**a. Information**

**1. Radio and Web Ads – Update Given**

**b. Education**

**1. Land Judging - Update Given**

**2. Schuyler FFA Donation Request**

McDermott made the motion, seconded by Feala, to support the Schuyler FAA tree seedling project with a \$300 donation. Motion carried on consent agenda.

**3. Nature Education Trail/Disc Golf Course**

McDermott made the motion, seconded by Feala, to approve the purchase of concrete for \$1,180 from Arps Red-E-Mix for the Nature Education Trail/Disc Golf Course Project. Motion carried on consent agenda.

**c. Computer – None**

**6. RURAL WATER SYSTEMS**

**a. Colon – Update Given**

**b. Bruno – Update Given**

**c. Other – None**

McDermott made the motion, seconded by Feala, that the November LPNNRD Operations, Education and Rural Water Committee Minutes be received and placed on file. Motion carried on consent agenda.

**C. WATER COMMITTEE REPORT**

**1. UNFINISHED BUSINESS – NONE**

**2. REGULATORY**

**a. Groundwater Management Area**

**1. Variance Requests in the Hydrologically Connected Area – None**

**2. Variance Requests in the Non-Hydrologically Connected Area – None**

**3. Variance Requests in the Restricted Development Areas**

**a. Martin Erickson Variance Request**

McDermott made the motion, seconded by Feala, to table the variance request for Martin Erickson for new irrigated acres and a new irrigation well in the NE¼, Section 20, T14N, R7E Swedeburg subarea of the Restricted Development Area. Motion carried consent agenda.

**4. Well Permit Program**

**a. Well Permits Approved – Update Given**

**b. William Becker Well Permit**

McDermott made the motion, seconded by Feala, to approve the new supplemental well for William Becker in the NE¼, Section 13, T22N, R6W in the upper Newman Grove subarea of Boone County. Motion carried on consent agenda.

**5. Special Quantity Sub-Areas – Update Given**

**a. Flow Meter Maintenance Program – Update Given**

**6. Lower Platte River Basin Water Management Plan Coalition – Update Given**

**7. Voluntary Integrated Water Management Plan – Update Given**

**8. Cost-Share Programs**

**a. Irrigation Well Sample Kits – Update Given**

**b. Flow Meter Cost Share in SQS #2**

McDermott made the motion, seconded by Feala, to approve the 24 cost-share applications for 8-inch flow meters at \$770 each and one cost-share application for a 6-inch flow meter at \$577 each for the owners listed on the spreadsheet attached to the Water Committee Minutes for a total amount of \$19,057. Motion carried on consent agenda.

**1. Flow Meter Cost-Share Program**

Pollard made the motion, seconded by Saalfeld, to approve cost-share funding for meters installed after May 8, 2008 providing that these meters and well owners have not already received cost-share funds from the LPNNRD through another program. Motion carried all members present voting aye.

**9. Bellwood Phase 2 Area – Update Given**

**10. Richland - Schuyler Phase 2 Area – Update Given**

**11. Richland - Schuyler Phase 3 Area – Update Given**

**12. LPNNRD Operator Certification – Update Given**

**13. Acre Certification – Update Given**

**b. Chemigation – Update Given**

**c. Livestock Waste Permits – Update Given**

**3. GROUND WATER PROGRAMS**

**a. Decommissioned Well Program**

**1. Well Estimates – None**

**2. Plugged Wells**

Birkel made the motion, seconded by Meduna, to approve cost-share payment to St. John's Lutheran Church to decommission a large diameter domestic well for \$981.15. Motion carried all members present voting aye.

**b. LPNNRD Ground Water Studies**

**1. Eastern Nebraska Water Resources Assessment (ENWRA)**

**2. Lower Platte River Consortium – Update Given**

**c. New Monitoring Wells - Update Given**

**d. Ground Water Energy Levels – Update Given**

**4. OTHER**

**a. GMDA Annual Conference – Update Given**

**b. Comments from the Public – Update Given**

McDermott the motion, seconded by Feala, that the November LPNDRD Water Committee Minutes be received and placed on file. Motion carried on consent agenda.

**D. PROJECTS COMMITTEE REPORT**

**1. UNFINISHED BUSINESS**

**2. SWCP REPORT**

**a. SWCP Application Approvals**

McDermott made the motion, seconded by Feala, to approve the following SWCP Application:

<u>Darrell Umscheid</u>	<u>Diversion</u>	<u>\$507.45</u>
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Motion carried on consent agenda.

**b. SWCP Payments – None**

**c. SWCP Cancelations – None**

**d. Wahoo Creek Cost Share Payments**

McDermott made the motion, seconded by Feala, to approve the Wahoo Creek cost-share payments:

<u>Mary Jo Spicka</u>	<u>Terraces/Tile</u>	<u>\$7,381.32</u>
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<u>Robert Hedges</u>	<u>Lands for Conservation</u>	<u>\$6,992.00</u>
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Motion carried on consent agenda.

**3. WATERSHEDS**

**a. Shell Creek Watershed – Update Given**

**b. Wahoo Creek Watershed**

**1. Wahoo Creek Watershed Water Quality Plan – Phase I – Update Given**

**4. LOWER PLATTE RIVER CORRIDOR ALLIANCE**

**a. Monthly Report – Update Given**

**5. OTHER**

**a. Update on Army COE 205 Studies**

**1. Fremont 205 – Update Given**

**2. Schuyler 205 – No new information**

**b. Shell Creek Landowner Levee Project – Update Given**

**c. Review of Projects Financial Statement – Update Given**

**d. Platte Center Bank Stabilization Project Payment Request**

Bailey made the motion, seconded by Meduna, to approve a \$11,357 payment to Platte Center for their

Elm Creek Bank Stabilization Project, which is 50% of the total cost of \$22,714 as attached to the Projects Committee Minutes. Motion carried all members present voting aye.

McDermott made the motion, seconded by Feala, that the November LPNNRD Projects Committee Minutes be received and placed on file. Motion carried on consent agenda.

**7. ADDITIONAL ACTION ITEMS - NONE**

**8. BILLS TO BE APPROVED**

Meduna made the motion, seconded by Pollard, that all bills be approved and warrants be drawn in payment of the same. Motion carried all member present voting aye.

**9. CONSENT AGENDA ADOPTION**

McDermott made the motion, seconded by Feala, to approve the amended (deleting 6.B.3.e.) November Consent Agenda. Motion carried all members present voting aye.

**10. COMMENTS FROM DIRECTORS/GUESTS**

**11. MEETING ESTABLISHMENT AND ADJOURNMENT**

The December Directors Meeting will be held on Monday, December 12, 2016, 1:30 p.m. Meeting adjourned at 6:13 p.m.

Discussion on all agenda items that have "Update Given" can be found in corresponding Committee Minutes.

The undersigned, the duly elected and acting Secretary of the Lower Platte North Natural Resources District (the "District"), hereby certifies that the foregoing is a true and correct copy of the minutes of the Meeting of the Board of Directors of the District held on November 14, 2016, that all of the matters and subjects discussed at the meeting were contained in the agenda for the meeting, kept continually current and readily available for public inspection at the principal office of the District during normal business hours, and except for items of emergency nature, the agenda was not altered later than twenty-four (24) hours before the scheduled commencement of the meeting; that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public; that the above minutes were in written form and available for public inspection within ten working days or prior to the next convened meeting, whichever occurred earlier; and, that reasonable efforts were made to provide all news media requesting notification of the meeting and of the time and place of said meeting and the subjects to be discussed at said meeting.

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Joe Birkel, Secretary



## Groundwater Management Districts Association - 2017 Annual Conference Agenda

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### Day 1

TBD - Late Afternoon Happy Hour - Welcome Registration

### Day 2

8:30 - 8:40 - **Welcome to Fort Worth, Texas**

8:40 - 9:10 - **Trinity River Vision: Central City Project** - *Matt Oliver, Communications Manager for Trinity River Vision Authority*

9:10 - 9:40 - **Conjunctive Use of Surface and Groundwater** - *Kent Satterwhite, General Manager, CRMWA*

9:40 - 10:10 - **Airborne Electromagnetic Helicopter Flights (AEM)** - *Dick Ehrman, Water Resource Specialist, Lower Platte South NRD*

10:10 - 10:30 - **Break**

10:30 - 11:00 - **Exceeding Water Conservation Goals on Urban Conservation Programs** - *Katie Anderson, CEO & Founder of Save Water Co*

11:00 - 11:30 - **Brackish Groundwater Desalination Project** - *Steve Clouse, Chief Operating Officer of San Antonio Water System*

11:30 - 12:00 - **Texas Water Plan & SWIFT Funding** - *Chairman Bech Bruun, Texas Water Development Board*

12:00 - 1:00 - **Lunch**

12:15 - 1:00 - **Gone with the Wind: The History of Pumping Water with Windmills** - *Dr. Robert Mace, Deputy Executive Administrator, Texas Water Development Board*

1:00 - 1:30 - **Lane City Water Supply Project** - *Karen Bondy, Senior Vice President at Lower Colorado River Authority*

1:30 - 2:00 - **PGCD Weather Modification Program** - *Jennifer Puryear, Meteorologist at Panhandle Groundwater Conservation District*

2:00 - 2:30 - **Current Issues in Texas Groundwater Districts** - *Sarah Schlessinger, Executive Director at Texas Alliance Groundwater Districts*

- 1.** 2:50 - 3:05 - New Mexico's Perspective - *Olivia Mitchell & Aron Batok*
- 2.** 3:05 - 3:20 - Mississippi's Perspective - *Mark Stiles*
- 3.** 3:20 - 3:35 - Kansas' Perspective - *Mark Rude*
- 4.** 3:35 - 3:50 - Nebraska's Perspective - *Lyndon Vogt*
- 5.** 3:50 - 4:05 - Colorado's Perspective - *Randy Ray*
- 6.** 4:05 - 4:20 - Texas' Perspective - *Doug Shaw*

4:20 - 4:50 - Discussion and Questions Regarding Each States' Strategies

5:00 - 6:00 - GMDA Board Meeting

## Day 3

8:30 - 9:00 - **Integrated Pipeline Project** - *Dan Buhman, Assistant General Manager, Tarrant Regional Water District*

9:00 - 9:30 - **North Texas Outreach & Education Programs** - *Denise Hickey, Water Resource Program & Education Manager, North Texas MWD*

9:30 - 10:00 - **Ogallala Jeopardy** - *Bill Mullican, P.G., Mullican & Associates*

10:00 - 10:20 - **Break**

10:20 - 10:50 - **Components to Groundwater Management Software** - *Aaron Collier, Vice President, Collier Consulting, Inc.*

10:50 - 11:20 - **MotorMaid** - *Wade Olliver, P.G., Senior Hydrogeologist, Intera*

11:20 - 11:50 - **Landsat Imagery** - *Duane Woodward, Engineering Hydrologist at Central Platte NRD*

11:50 - 6:00 - **Load Bus for Tours - Lunch on Bus**

- 1.** VIP Tour of AT&T Cowboys Stadium - Click [here](#) for more information!
- 2.** Tour of MillerCoors Brewery's Conservation Program - Click [here](#) for more information!

# Speakers

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## MEETING AGENDA

[Click here](#) for more information on the Annual Meeting breakout sessions and symposia.

**2017 NACD Annual Meeting**  
 Sheraton Denver Downtown  
 Draft Agenda (as of Nov. 14, 2016)

\*Ticketed Event

\*\*Invitation Only Event

### Friday, January 27

7:00 AM – 5:00 PM NACD Executive Board Meeting Directors Row H

### Saturday, January 28

7:00 AM – 6:00 PM	Registration	Plaza Registration Area
8:30 AM – 12:00 PM	NACD Executive Board Meeting	Directors Row J
10:00 AM – 12:00 PM	NACD New Board Member Orientation	Directors Row I
1:00 PM – 4:00 PM	NACD Board of Directors Meeting	Grand Ballroom
4:00 PM – 6:00 PM	NACD Resolutions Committee Meeting	Directors Row I
5:30 PM – 9:00 PM	Tour – Annual Meeting Kickoff*	Denver Museum of Nature and Science (Hosted by NACD Auxiliary)

### Sunday, January 29

7:00 AM – 6:00 PM	Registration	Plaza Registration Area
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**Sunday, January 29**

8:30 AM – 9:15 AM	Inspirational Program	Grand Ballroom
9:30 AM – 6:00 PM	Conservation Expo	Plaza Exhibit Hall
9:30 AM – 11:30 AM	Committee Meetings	Governors Square and Directors Row Rooms
10:00 AM – 4:00 PM	Tour – Local Sites*	(Hosted by NCDEA)
12:00 PM – 3:30 PM	Tour – Brewery Tour*	(Hosted by NCDEA)
1:00 PM – 3:00 PM	Region Meetings	Governors Square and Directors Row Rooms
3:30 PM – 5:00 PM	NACD Board of Directors Meeting	Grand Ballroom
5:00 PM – 6:00 PM	Welcome Reception	Plaza Foyer
7:30 PM – 10:30 PM	Unbranded: Film Screening and Panel Discussion on the West's Wild Horses*	Grand Ballroom

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**Monday, January 30**

7:00 AM – 7:00 PM	Registration	Plaza Registration Area
7:30 AM – 12:00 PM	Conservation Expo	Plaza Exhibit Hall
8:15 AM – 10:30 AM	Opening General Session	Plaza Ballroom
12:00 PM – 2:00 PM	Leadership Luncheon	Plaza Ballroom
2:00 PM – 5:00 PM	Conservation Expo	Plaza Exhibit Hall
2:30 PM – 3:30 PM	<a href="#">Breakout Sessions</a> <i>(click for more information)</i>	Governors Square Rooms
2:45 PM – 5:30 PM	Resolutions Hearings	Plaza Court Rooms
4:00 PM – 5:00 PM	<a href="#">Breakout Sessions</a> <i>(click for more information)</i>	Governors Square Rooms
6:00 PM – 9:00 PM	NACD Live Auction (Happy Hour from 6:00 -7:00 PM)	Plaza Ballroom

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**Tuesday, January 31**

7:00 AM – 6:30 PM	Registration	Plaza Registration Area
7:00 AM – 9:00 AM	President's Association Breakfast*	Governors Square 12
7:30 AM – 9:00 AM	NACD Auxiliary Breakfast*	Governors Square 10
7:30 AM – 1:00 PM	Conservation Expo	Plaza Exhibit Hall

**Tuesday, January 31**

9:00 AM – 11:00 AM	General Session	Plaza Ballroom
11:00 AM – 5:00 PM	Tour – 3M*	Denver, CO (Hosted by NACD Auxiliary)
11:00 AM – 4:30 PM	Tour – Lariat Loop*	Golden, CO (Hosted by NACD Auxiliary)
12:30 PM – 1:15 PM	NCDEA Partner Lunch*	Governors Square 12
1:30 PM – 5:30 PM	NACD Board of Directors Meeting	Grand Ballroom
1:30 PM – 3:00 PM	<a href="#">Breakout Sessions</a> <i>(click for more information)</i>	Governors Square Rooms
3:30 PM – 5:00 PM	<a href="#">Breakout Sessions</a> <i>(click for more information)</i>	Governors Square Rooms
6:00 PM – 9:00 PM	NACD Appreciation Banquet* (Reception from 6:00 – 7:00 PM)	Plaza Foyer

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**Wednesday, February 1**

8:00 AM – 12:00 PM	Legislative Breakfast**	Governors Square 12
8:00 AM – 12:00 PM	Registration	Plaza Registration Area
8:30 AM – 11:30 AM	NACD Board of Directors Meeting	Grand Ballroom
9:00 AM – 12:00 PM	<a href="#">Conservation Symposia</a> <i>(click for more information)</i>	Governors Square Rooms
12:00 PM – 4:00 PM	NACD Executive Board Meeting	Directors Row F
1:00 PM – 5:00 PM	National Conservation Planning Partnership Meeting	Governors Square 12
1:30 PM – 5:30 PM	Tour – Colorado: The Headwaters State*	Berthoud Pass (Hosted by CACD)

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**Thursday, February 2**

8:00 AM – 12:00 PM	National Conservation Planning Partnership Meeting	Governors Square 12
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Publications

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- eResource
- The Resource
- Forestry Notes
- Conservation Clip List

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Calendar of Events

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Region Meetings

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Annual Meeting

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- Annual Meeting Registration
- Meeting Agenda
- Conservation Expo
- Meeting Sponsorship
- Pack-A-Book
- Live Auction
- Parking and Transportation
- Annual Meeting Tours

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Spring Fly-In

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Summer Meeting

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**CONTACT US**

NACD Headquarters  
509 Capitol Court, NE  
Washington, DC 20002-4937

Phone: (202) 547-6333

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**2017 Nebraska Association of  
Resources Districts  
Legislative Conference, January 24-25  
Embassy Suites - Lincoln, NE**



Register on-line now or  
Mail this registration form to  
NARD, 601 So 12<sup>th</sup> St., Suite 201, Lincoln, NE 68508 before January 4, 2017  
Visit our website [www.nrdnet.org](http://www.nrdnet.org) to register.

**Registration policy:**

- ◆ **January 4, 2017 - Registration deadline.**
- ◆ January 11, 2017 – Cancellation must be in writing and will be accepted until this date. Cancellations received between Jan 12-16 are subject to a \$25 processing fee.
- ◆ January 17, 2017 - No refunds for cancellations received on/after this date.
- ◆ Walk-in Registrations will be charged an additional \$25 fee per person.
- ◆ Mail registration and payment to: **NARD, 601 S. 12<sup>th</sup> Street, Suite 201, Lincoln, NE** or register on-line with payment option at [www.nrdnet.org](http://www.nrdnet.org)

**Motel Information:**

- ◆ **January 1, 2017 - Deadline for motel reservations,** Embassy Suites, 1040 P Street Lincoln, NE 68508 (402) 474-1111 or 1-800-EMBASSY
- ◆ Special room rates are available: \$159 for Single or Double. Be sure to mention you are attending the NARD Legislative Conference when making reservations.

**Registration Form**

**District/Agency** \_\_\_\_\_

	<i>Number Attending</i>	<i>Amount</i>	<i>Sub-Total</i>
<b>Full Registration - Jan 24-25</b> Includes Tuesday and Wednesday meetings, breaks and luncheons, plus Tuesday Evening Senators Reception.	_____	x \$235.00	=\$ _____
<b>Tuesday - Full day, Jan 24</b> Includes Tuesday meetings, breaks and luncheon, plus Tuesday Evening Senators Reception.	_____	x \$210.00	=\$ _____
<b>Tuesday -Special Tuesday Meeting Registration, Jan 24</b> Includes Tuesday meetings, breaks and luncheon (does not include Senators Reception).	_____	x \$165.00	=\$ _____
<b>Tuesday Evening – Senators Reception only</b>	_____	x \$60.00	=\$ _____
<b>Wednesday – Full day, Jan 25</b> Includes Wednesday meetings, breaks and luncheon.	_____	x \$110.00	=\$ _____
	<b>Total Amount Enclosed</b>		<b>\$ _____</b>

*Please list names and titles of individual conference attendees on the next page.*

Mail this registration form or register on-line now @ [www.nrdnet.org](http://www.nrdnet.org).

**2017 Nebraska Association of Resources Districts**

**Legislative Conference, January 24-25**

Embassy Suites - Lincoln, NE

**Return with payment by January 4, 2017**

NARD, 601 So. 12<sup>th</sup> St. Suite 201, Lincoln, NE 68508 or register on-line.

*Also include guest names for Tuesday's reception, for name tag purposes. Duplicate form as necessary.*

**Agency Name:** \_\_\_\_\_

	<b>Name</b>	<b>Title</b>	<b>Full Registration \$235</b>	<b>Tuesday Full day \$210</b>	<b>Special Tuesday Meeting Registration \$165</b>	<b>Tuesday Evening Reception \$60</b>	<b>Wednesday Only \$110</b>
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
<b>Total numbers</b> (Move these totals to the "Number Attending" column on first page)							

# **NRDs 2017 Legislative Conference ~ Tentative Meeting Agenda**

## **Monday, January 23<sup>rd</sup>**

- 9:00 a.m. – 12:00 p.m. NRD Employee Benefits Committee Meeting, and NARD Intergovernmental Risk Management Pool Loss Control Committee. Embassy Suites - Lincoln
- 1:00 – 5:00 NRD Managers Meeting, Embassy Suites - Lincoln (Meeting is open to NARD Executive and Legislative Committees)
- 1:00 – 5:00 NRD Staff Information & Education Meeting, Lower Platte South NRD
- 1:00 – 5:00 NRD Administrative Support Committee Meeting, Embassy Suites – Lincoln
- 3:00 – 6:00 NARD Legislative & Executive Committee Meetings, Embassy Suites - Lincoln

## **Tuesday, January 24<sup>th</sup> ~ Embassy Suites, Lincoln**

- 7:30 a.m. NARD Fiscal Planning & Budget Committee Breakfast Meeting  
NARD Program & Planning Committee Breakfast Meeting  
  
Registration desk opens
- 8:45 Opening Remarks – Governor Ricketts (invited)
- 9:00 General Session –
- 10:00 Framing Legislative Issues and Discussion of Proposed Legislation of Interest
- 12:00 p.m. Luncheon
- 1:30 Caucus
- 1:30 NRD Administrative Support Committee Meeting
- 3:00 Action on Proposed Legislation
- 5:00 – 7:00 Senators Reception

## **Wednesday, January 25<sup>th</sup> ~ Embassy Suites, Lincoln**

- 7:30 a.m. NARD and NRD Staff Information & Education Committee Breakfast Meeting  
Native Vegetation and Forestry Committee Breakfast Meeting
- 8:30 – 11:55 ***Concurrent sessions - some topics of interest may include:***
- Data Management
  - Platte Basin Timelapse Project
  - Wellhead Protection
  - Cover Crops
  - Water Issues
  - Retirement review from Nationwide
  - Understanding Nebraska's Open Meetings Act
  - Forestry Interests
  - UNL Water Center
  - Public Relations
  - Conservation Programs Update
  - Agency Updates
  - IT Security Resources and Information
  - Conflict of Interest, Accountability and Disclosure
- 12:00 p.m. Luncheon
- 1:30 NARD Board of Directors Meeting

Veskerna

REQUEST FOR EXCUSE OF  
ABSENCE FROM MEETING  
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors  
Lower Platte North NRD  
PO Box 126  
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my  
absence at the Regular Meeting of the Board scheduled on  
14 day of November, 2016, for  
the following reason:

Went to Branson Mission  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dated this 1 day of Dec, 2016, \_\_\_\_\_.

Donald Veskerna

Board Member  
Lower Platte North NRD

REQUEST FOR EXCUSE OF  
ABSENCE FROM MEETING  
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors  
Lower Platte North NRD  
PO Box 126  
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my  
absence at the Regular Meeting of the Board scheduled on  
10 day of October, 2016, for  
the following reason:

Help daughter move.

Dated this 30 day of Nov., 2016.

Frank Pollard  
Board Member  
Lower Platte North NRD

**Lower Platte North NRD Policy  
for  
Officer Nominating Subcommittee Policy  
Adopted March 10, 2016**

The LPNNRD Board approves the following procedures involving the Officer Nominating Subcommittee:

1. The subcommittee shall consist of the immediate past five (5) board chairpersons currently serving terms on the NRD board.
2. The LPNNRD board chair shall appoint the subcommittee chair from the pool of subcommittee members.
3. Thereafter the subcommittee chair shall notify the members that an in-person meeting shall be held.
4. Said meeting shall be held no less than one (1) week prior to the NRD board meeting accepting nominations (normally the second Monday of January each year).
5. Either the subcommittee chair or a majority of the subcommittee members together may request inclusion of district personnel and/or legal counsel to attend the subcommittee meeting.
6. The first action of the nominating subcommittee shall be to nominate a secretary from the subcommittee to record minutes for inclusion in the NRD board agenda packet.
7. The chair shall thereafter request nominations from the subcommittee floor for the positions of NRD board chair, vice-chair, secretary, treasurer, NARD Representative and NARD alternate.
8. An up or down vote from the subcommittee shall be taken and recorded in the meeting minutes.
9. At the appropriate time at the following board meeting the subcommittee chair or their designee will place into nomination each candidate selected by the Nominating Subcommittee
10. All subcommittee meetings are not to include a quorum of the board as they are not intended to be public meetings under the definition provided for in the Nebraska Open Meetings Act.

## Lower Platte North NRD Policy and Procedures

TO DO THIS	YOU SAY THIS	MUST YOU BE SECONDED?	IS MOTION DEBATABLE?	WHAT VOTE IS REQUIRED	MISC.
Consider Item Out of Order	"I move that the agenda item be moved to..."	Yes	Yes	Simple Majority or Chair Discretion	
Call Attention to Violation of Rules	"Point of order..."	No	No	None or Chair Discretion	Simply creating a record of a procedural irregularity.
Public Discussion on Agenda Item	"I move that X be given X minutes to provide testimony on the agenda item."	Yes	No	Simple Majority or Chair Discretion	No motion necessary when the item is a public hearing.
Introduce Motion	"I move that..."	Yes	Yes	Simple Majority	Matter must be listed on the agenda for action AND referred by committee before any motion can be made.
Limit Debate	"I move that each speaker be limited to a total of X minutes per discussion."	Yes	Yes	2/3 Super Majority or Chair Discretion	No board debate before motion and second. Members (unless it's the agenda committee chair) must be acknowledged by chair before speaking.
End Debate	"I call the motion..."	Yes	No	2/3 Super Majority or Chair Discretion	All motions are by roll call vote only.
Amend Motion	"I move to amend this motion by..."	Yes	Yes	Simple Majority	Must vote on amendment before then going back and voting on the original motion as amended.
Withdraw Motion	"I move to withdraw my motion."	No	No	No Vote	Second does not need to confirm.
Motion to Table	"I move that this motion be tabled..."	Yes	No	Simple Majority	Matter will be placed on old business, addressed at next committee meeting and automatically brought back unless motion for certain timeframe but no longer than 4 months.
Resume Tabled Item	"I move to take the agenda item off the table."	Yes	Yes	Simple Majority	May un-table within designated timeframe if approved by simple majority.
Vote on Ruling by Chair	"I appeal the chair's decision to..."	Yes	Yes	Simple Majority	Used principally to overrule a unilateral decision by the chair.
Adjourn the Meeting	"I move the meeting be adjourned..."	No	No	None	Chair calls the meeting at the conclusion of the agenda

Where a particular motion or issue is not listed above, it is the intent of the District that the board will attempt to honor the general intent of the parliamentary procedures as set forth in The Standard Code of Parliamentary Procedure by Alice Sturgis. Provided, however, Nebraska law shall control when in conflict with parliamentary procedure.

## Lower Platte North NRD Policy and Procedures

Where a particular motion or issue is not listed above, it is the intent of the District that the board will attempt to honor the general intent of the parliamentary procedures as set forth in The Standard Code of Parliamentary Procedure by Alice Sturgis. Provided, however, Nebraska law shall control when in conflict with parliamentary procedure.

**Lower Platte North NRD  
Unofficial Election Results**

<b>Lower Platte North Natural Resources District For Board of Directors (Nebraska)</b>								
<b>Downloaded at 11/9/2016 8:43:04 AM</b>								
<b>Precincts Reporting: 1481/1481 (Precincts Partially Reported: 0)</b>								
<b>2016 General Election - UNOFFICIAL RESULTS</b>								
<b>Name</b>	<b>Boone</b>	<b>Butler</b>	<b>Colfax</b>	<b>Dodge</b>	<b>Madison</b>	<b>Platte</b>	<b>Saunders</b>	<b>Total</b>
Bob Clausen	81	1571	1354	9406	228	1026	5004	<b>18670</b>
Charles Folsom	0	0	0	27	0	0	0	<b>27</b>
Larry Feala	75	1522	1255	9183	215	835	4898	<b>17983</b>
Terry Sobota 2 Yr.	74	1573	1463	9052	217	882	4781	<b>18042</b>
Matt Bailey	75	1532	1437	8928	218	847	4740	<b>17777</b>
John Hannah	74	1484	1221	8818	218	879	4756	<b>17450</b>
Robert Hilger	76	1791	1253	8783	213	918	4746	<b>17780</b>
Ryan Sabatka	53	1121	779	4609	143	576	3415	<b>10696</b>
Bryon Chvatal	24	481	459	4231	59	229	2140	<b>7623</b>
James Gibney Jr.	35	492	555	6034	100	333	2015	<b>9564</b>
Kenneth Stuchlik	44	1031	631	2852	96	423	3415	<b>8492</b>
Robert Meduna Jr.	34	1136	637	4540	73	317	3481	<b>10218</b>
Pat McEvoy	43	538	595	4457	123	452	2664	<b>8872</b>
<b>Total</b>	<b>688</b>	<b>14272</b>	<b>11639</b>	<b>80920</b>	<b>1903</b>	<b>7717</b>	<b>46055</b>	<b>163194</b>
<i>Results provided by the Office of Nebraska Secretary of State</i>								

## **Supplementary Notes for November 28, 2016 Groundwater Coalition Meeting**

### **Estermann v N-CORPE**

Blankenau presented information regarding four separate matters that involve or could impact the NRDs. In the Estermann verses N-CORPE, the matter involves whether an interlocal agency, comprised of NRDs, holds eminent domain authority. The district court has found in favor of the N-CORPE, but the case has been appealed and will be taken up by the Nebraska Supreme Court. We will monitor the case but were advised that no action by the Coalition is necessary.

### **MRNRD verses Medicine Creek Case**

The plaintiff had requested the NRD to approve a variance, which was subsequently denied by the District. The plaintiff went to court challenging the Middle Republican's procedures regarding the denial of the variance request. The lower court concluded that a judge could overrule a finding of the NRD board that an applicant had provided "good cause" for a variance to a rule. The case is pending before the Nebraska Court of Appeals. The case is particularly concerning to NRDs because it places the burden of proof for a variance on the NRD board rather than the applicant and reduces NRD authority to effectively implement their rules. The matter of the Kansas/Nebraska Compact Settlement on the Republican River was not mentioned before the court and may have given the District's position more weight. Blankenau recommended that the Coalition submit an amicus brief on this case.

### **Republican River Cases**

Blankenau reported that several Republican River cases. Except for the Cappel case, the others challenge DNR and NRD authorities to adopt IMPs and implement associated rules. The Hill I & II cases suggested that surface water rights have been temporarily sequestered. All cases have sought damages from the DNR for issuing "closing notices" associated with releases to meet Republican River Compact obligations. Both Hill cases have been dismissed, appealed and briefed before the Court of Appeals. They are expected to be presented to the Supreme Court. The Cappel case, which attacks DNR, was dismissed and in on appeal to the Court of Appeals. This case was a particularly good decision for the NRDs. The Frenchman Cambridge Irrigation District (FCID) case was also dismissed by the court and Don just heard on November 28<sup>th</sup> that it has been appealed. The Nebraska Bostwick Irrigation District (NBID) case is before the District Court on a motion to dismiss. That ruling is expected in January or February. Most of these cases have been reviewed by Judge Doyle and he has been thorough and discerning in his review. He knows water issues and state water law well and has taken actions considered appropriate by Blankenau.

### **Tax Equalization and Review Commission (TERC)**

Lincoln County and Dundy County have levied property taxes against the lands involved in the E-CORPE Project and Rock Creek Project respectively. The counties have argued that the right to access groundwater is not dependent upon ownership of the overlying land and that the NRD sponsored projects should be taxed for the value of the overlying land. Unless taxable public property is leased for income producing purposes, the NRDs are prohibited by law from paying property taxes. Both Rock Creek and N-CORPE are owned by the NRDs for public purposes, not private income producing purposes. Rock Creek was tied to TERC two years ago and N-CORPE was tried to TERC this summer. Rulings are expected on the two cases soon after the new year and should favor the NRDs based on current law. We expect TERC to appeal those decisions to the Supreme Court. Don will examine any filings made and determine whether the Coalition should take action to file an amicus brief for the case. That decision will be made at a future time but if a filing is needed, Don would have a conflict of interest because he represents N-CORPE and the URNRD. Another attorney would have to be hired.

# Groundwater Management Act Coalition

PO Box 100  
 Davenport, NE 68335  
 USA

# INVOICE

Invoice Number: m108  
 Invoice Date: Dec 1, 2016  
 Page: 1

Voice: 402-364-2145  
 Fax: 402-364-2484

Bill To:
LOWER PLATTE NORTH PO BOX 126 WAHOO, NE 68066

Ship to:
LOWER PLATTE NORTH PO BOX 126 WAHOO, NE 68066

Customer ID	Customer PO	Payment Terms	
LOWERPLATTEN		Net 30 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	Courier		12/31/16

Quantity	Item	Description	Unit Price	Amount
		GROUNDWATER COALITION CONTRIBUTION		1,500.00
Subtotal				1,500.00
Sales Tax				
Total Invoice Amount				1,500.00
Payment/Credit Applied				
<b>TOTAL</b>				<b>1,500.00</b>

Check/Credit Memo No:

**Groundwater Management and Protection Act Coalition Meeting**  
**November 28, 2016 – 1:15 pm**  
**Central Platte NRD Office, Grand Island, NE**

**Roll Call:**

Lyndon Vogt– CPNRD, Mike Onnen – LBNRD, Dave Clabaugh – LBBNRD, Butch Koehlmoos - LLNRD, Terry Julesgard - LNNRD, John Miyoshi – LPNNRD, Mike Murphy - MNNRD, Jack Russell – MRNRD, John Thorburn – TBNRD, Kent Miller – TPNRD, Dave Eigenberg - UBBNRD, Jasper Fanning – URNRD, Dean Edson N.A.R.D (non-voting member). Attending by phone: Annette Sudbeck, LCNRD, Mike Sousek, LENRD and Pat O’Brien – UNWNRD.

**Advisor:** Don Blankenau - Blankenau, Wilmoth, Jarecke, LLP

**Coalition Members absent:** SPNRD, UENRD

**Call to Order**

Chairman Dave Clabaugh called the meeting to order at 1:15 pm.

**Publication of Meeting Notice:**

Secretary Onnen reported that the meeting notice was properly posted in the Omaha World Herald on November 17, 2016.

The minutes of the July 8, 2014 Coalition meeting had been e-mailed earlier and were presented for approval.

**Motion # 1 was made by Fanning, second by Thorburn to approve the July 8, 2014 minutes as circulated.**

**Carried by roll call vote: 13 yes, 0 no, 1 abstention.**

**Financial Activity**

Onnen circulated the financial activity since the last meeting. Receipts for the period were \$2,073.49 and expenses were \$8,098.19. The account balance stands at \$24,864.39. A list was also provided showing the active Coalition members and their contributions to the Coalition since inception.

**Motion # 2 was made by Koehlmoos, second by Fanning, to approve the November 28, 2016 financial report as presented.**

**Carried by roll call vote: 14 yes, 0 no.**

Sudbeck joined the meeting by phone.

There was discussion about the cost of proceedings associated with the filing of an amicus brief and the need to maintain an adequate level of account financing to assure the Coalition’s interests are met.

**Motion # 3 was made by Voigt, second by Miller, to invoice each Coalition member \$1,500 to be paid in FY 2017 to support the Coalitions financial needs.**

**Carried by roll call vote: 15 yes, 0 no.**

**Current Issues**

Blankenau presented information regarding matters that involve or could impact the NRDs and their authorities. They included the Estermann verses N-CORPE, MRNRD verses Medicine Creek, various cases regarding “closing notices” issued in the Republican River, and the Tax Equalization and Review Commission (TERC) concerning property taxation on the Rock Creek Project and N-CORPE.

**Motion # 4 was made by Miller, seconded by Thorburn, that legal counsel be instructed to prepare and submit an amicus brief on behalf of the Coalition regarding the MRNRD verses Medicine Creek case.**

**Carried by roll call vote: 15 yes, 0 no.**

There was no further business. The meeting was adjourned at 2:25 pm.

Mike Onnen, Secretary

**GROUNDWATER MANAGEMENT ACT COALITION**  
**Treasurers Report - November 28, 2016**

**Account Balance 6-19-14**

**\$ 30,889.09**

<b>Date</b>	<b>Account Entry</b>	<b>Receipts</b>	<b>Expenses</b>
7/11/14	Omaha World Herald-Meeting Notice		\$ 158.50
7/17/14	Middle Niobrara NRD	\$ 1,000.00	
7/17/14	Cornerstone Bank-Interest	\$ 2.71	
8/19/14	Cornerstone Bank-Interest	\$ 2.69	
9/1/14	Blankenau Wilmoth Jarecke LLP		\$ 3,305.88
9/15/14	Blankenau Wilmoth Jarecke LLP		\$ 573.81
9/19/14	Cornerstone Bank-Interest	\$ 2.58	
10/8/14	Blankenau Wilmoth Jarecke LLP		\$ 1,595.00
10/20/14	Cornerstone Bank-Interest	\$ 2.29	
11/13/14	Blankenau Wilmoth Jarecke LLP		\$ 594.50
11/19/14	Cornerstone Bank-Interest	\$ 2.16	
12/17/14	Cornerstone Bank-Interest	\$ 2.18	
1/2/15	Blankenau Wilmoth Jarecke LLP		\$ 101.50
1/20/15	Cornerstone Bank-Interest	\$ 2.18	
2/19/15	Cornerstone Bank-Interest	\$ 2.03	
2/17/15	Void Check # 1064		
2/17/15	Blankenau Wilmoth Jarecke LLP		\$ 29.00
3/18/15	Cornerstone Bank-Interest	\$ 1.96	
4/23/15	Cornerstone Bank-Interest	\$ 2.31	
5/20/15	Cornerstone Bank-Interest	\$ 2.10	
6/19/15	Cornerstone Bank-Interest	\$ 2.17	
7/1/15	Cornerstone Bank-Interest	\$ 2.06	
7/6/15	Cornerstone Bank-Interest	\$ 1.05	
7/14/15	Blankenau Wilmoth Jarecke LLP		\$ 1,740.00
7/17/15	Middle Niobrara NRD	\$ 1,000.00	
7/20/15	Cornerstone Bank-Interest	\$ 1.05	
9/18/15	Cornerstone Bank-Interest	\$ 2.18	
10/19/15	Cornerstone Bank-Interest	\$ 2.04	
11/18/15	Cornerstone Bank-Interest	\$ 1.97	
12/18/15	Cornerstone Bank-Interest	\$ 2.18	
1/21/16	Cornerstone Bank-Interest	\$ 2.45	
2/18/16	Cornerstone Bank-Interest	\$ 2.86	
3/21/16	Cornerstone Bank-Interest	\$ 3.27	
4/20/16	Cornerstone Bank-Interest	\$ 3.16	
5/18/16	Cornerstone Bank-Interest	\$ 2.86	
6/20/16	Cornerstone Bank-Interest	\$ 3.37	
7/5/16	Cornerstone Bank-Interest	\$ 1.53	
8/18/16	Cornerstone Bank-Interest	\$ 1.53	
8/18/16	Cornerstone Bank-Interest	\$ 3.17	
9/20/16	Cornerstone Bank-Interest	\$ 3.17	
10/19/16	Cornerstone Bank-Interest	\$ 2.96	
11/21/16	Cornerstone Bank-Interest	\$ 3.27	

**Total Receipts**

**\$ 2,073.49**

**Total Expenditures**

**\$ 8,098.19**

**Account Balance 11/28/16**

**\$ 24,864.39**

  
**ACEC**  
AMERICAN COUNCIL OF ENGINEERING COMPANIES  
**Nebraska**

November 23, 2016

Senator John McCollister  
State Senator, District 20  
Box 94604  
Lincoln, NE 68509

Senator McCollister:

Thank you for your engagement with our members on the issue of government competition with the private sector.

Most recently, we brought to you concerns surrounding several Natural Resource Districts in the state hiring engineers on staff and more specifically, promoting the engineering services to smaller communities within their district.

You brought together the NRDs and our association for a meeting in your office to talk through the history of the practice and our concerns about the practice. It was a good meeting and information was shared and new information learned by all parties.

Since that meeting, Dean Edson and I have met to talk further. We recognize the varying view points surrounding the situation and have continued to discuss the concerns raised. We have made a commitment to increase our communication between the two groups and to further the discussion surrounding the nuances of government competition as it relates to this particular situation.

ACEC Nebraska is not in favor of proposing legislation at this time on this matter. The lines of communication are open and we feel confident that we can continue the discussion with the NRDs and find mutually beneficial solutions.

We appreciate your support and for championing the private sector.

Yours truly,



Jackie McCullough  
Executive Director

cc: Dean Edson

**Week #1**

**Lower Platte North NRD Time Sheet**

Name Miyoshi

Period Covered 10/29/16 to 11/4/16

*You must enter "pm" for times after 12:59 or the form will not calculate correctly!*

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
<b>Sat</b>	10/29								
<b>Sun</b>	10/30								
<b>Mon</b>	10/31	7:30 am	12:02 pm	7.78		Email Work / Calendar Updates Water Strategies Conference Call Approve Timesheets Executive Committee Prep. / Personnel Sub-Comm. Prep			
		12:45 pm	4:00 pm						
<b>Tues</b>	11/1	7:08 am	12:00 pm	8.87		Travel to Gothemburg/North Platte - NRD Managers Meeting - lunch		\$6.19	
		12:30 pm	4:30 pm						
<b>Wed</b>	11/2	8:00 am	12:00 pm	12.82		NRD Managers Meeting - Gothemburg and Return Water Committee Meeting			
		12:30 pm	9:19 pm						
<b>Thurs</b>	11/3	7:30 am	12:17 pm	7.28		Projects Committee Executive Committee Meeting / Personnel Sub-Committee Email Work Timesheet and Records Work			
		1:03 pm	3:33 pm						
<b>Fri</b>	11/4	7:55 am	11:28 am	8.03		(Clocked in Late - Boat Prep for Buoy Work) Repair Wanahoo Buoy Line with Mitch Time Sheet Work / Hannah - Election Ads Email Work / Doug Watts - Lake Level Questions			
		12:28 pm	4:57 pm						
<b>Week #1 Totals</b>				44.78	0		0	\$6.19	\$0.00

Supervisor \_\_\_\_\_ Manager \_\_\_\_\_ Assistant Manager \_\_\_\_\_ Treasurer \_\_\_\_\_

Date \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

  
Signature of person filing form

11-14-16  
Date

**Expenses**

Mileage x.54	\$0.00
Meals	\$6.19
Other Exp.	\$0.00
<b>Total</b>	<b>\$6.19</b>



**Week #1**

**Lower Platte North NRD Time Sheet**

Name Miyoshi

Period Covered 11/12/16 to 11/18/16

*You must enter "pm" for times after 12:59 or the form will not calculate correctly!*

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	11/12								
Sun	11/13								
Mon	11/14	7:28 am	12:00 pm	12.78		Managers Report Review Agenda and Prep for Board Meeting Newman Grove - Shell Creek Presentation Board Meeting			
		12:00 pm	6:30 pm						
		6:45 pm	8:30 pm						
Tues	11/15	7:28 am	1:00 pm	9.17		Monthly Staff Meeting Omaha - Alliance Quarterly Meeting Bills.com Work Payroll / ACH for Rural Water			
		1:30 pm	5:06 pm						
Wed	11/16	7:40 am	11:40 am	7.08		Board Meeting Review and Follow-up Water Leaders Academy Registration and Letter Review Time Sheets / Capitalization Policy Mead - NOP Semi-Annual Openhouse			
		2:45 pm	5:50 pm						
Thurs	11/17	7:46 am	2:00 pm	6.23		Mail and Email Work Follow-up with LARM on Coverage			
Fri	11/18				4.75	Off			
<b>Week #1 Totals</b>				35.26	4.75		0	\$0.00	\$0.00

Supervisor \_\_\_\_\_ Manager \_\_\_\_\_ Assistant Manager \_\_\_\_\_ Treasurer \_\_\_\_\_

Date \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

  
Signature of person filing form

11-29-16  
Date

**Expenses**

Mileage x .54	\$0.00
Meals	\$0.00
Other Exp.	\$0.00
<b>Total</b>	<b>\$0.00</b>



800.297.2537 • P.O. Box 82535 • Lincoln, NE 68501-2535 • ubi.com • Member FDIC

Date rec'd 11/18/2016  
 Approved by \_\_\_\_\_  
 Date approved \_\_\_\_\_  
 Expense acct \_\_\_\_\_  
 Funding source \_\_\_\_\_  
 % (amount) \_\_\_\_\_

LOWER PLATTE NORTH  
 NATURAL RESOURCES DISTRICT  
 511 COMMERCIAL PARK RD  
 WAHOO NE 68066-9750

**\* L o a n P a y m e n t \***

Loan Type:	AG-COMMERCIAL TERM	Maturity Date:	06/15/2019
Principal Balance:	1,118,026.91	Current Rate:	2.750000
Interest Thru 11/15/2016:	13,068.71	Interest Paid 2016:	24,983.00
One Day's Interest:	85.40	Original Loan Date:	11/13/2012
Amount Past Due:	.00	Original Loan Amount:	8,500,000.00
Escrow Balance:	.00	Date of Last Payment:	06/14/2016
		Last Payment Amount:	437,908.00

  

Date Payment Due:	12/15/2016
Interest Due:	15,545.45
Total Amount Due:	15,545.45

\* \* Please return this portion with your payment \* \*

**L o a n P a y m e n t N o t i c e**

LOWER PLATTE NORTH  
 NATURAL RESOURCES DISTRICT  
 511 COMMERCIAL PARK RD  
 WAHOO NE 68066-9750

Total Amount Due: 15,545.45  
 Additional Principal: \_\_\_\_\_  
 Additional Payment: \_\_\_\_\_  
 Amount Enclosed: \$ \_\_\_\_\_

Date Payment Due: 12/15/2016  
 Loan Type: AG-COMMERCIAL TERM  
 Loan Number: 1606489  
 Regular Payment T/C: 323

Union Bank & Trust  
 PO Box 82535  
 Lincoln, NE 68501

## INFORMAL BIDS

**Location:** Adjacent to North Ridge Road, north of airport  
as shown on attached map

**Bid Item #1:** 4 foot by 6 foot box concrete culvert, 125 feet in length  
may be precast or poured in place

To meet City of Fremont zoning and code specifications  
Design and construction inspection to be supplied by City of Fremont

**Bid Item #2** 36 inch precast concrete culvert, 65 feet in length

Work is to be completed by June 15, 2017

Informal bids are to be returned to:

Lower Platte North NRD  
c/o John Miyoshi  
[jmiyoshi@lpnnrd.org](mailto:jmiyoshi@lpnnrd.org)  
402-443-4675

<b>Gifford Culvert Quotes</b>					
	<b>Units</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total</b>	
<b>Collins Contracting Co.</b>					
4' X 6" X 125 Box Culvert	LF	125	504	63,000	
36" Concrete Pipe	LF	65	162	10,530	
4' X 6" X 90 Box Culvert	LF	90	504	45,360	
<b>Thompson Construction, Inc.</b>					
4' X 6' X 125	LF	125	480	60,000	
36" Concrete Pipe	lf	65	150	9,750	
4' X 6" X 90 Box Culvert	LF	90	480	43,200	
	<b>Thompson</b>		<b>Collins</b>		
	<b>125 ft.</b>	<b>90 ft.</b>	<b>125 ft.</b>	<b>90 ft.</b>	<b>DB</b>
Escrow Funds	26,957	26,957	26,957	26,957	
City of Fremont (15% for Engineering)	9,000	6,480	9,450	6,804	
Lower Platte North NRD (Balance)	24,043	9,763	26,593	11,599	
	60,000	43,200	63,000	45,360	

# Lake Wanahoo Lake Level Advisory Panel Meeting Minutes

LPNNRD Office – 5:00 p.m., November 10, 2016

## 1. Introductions (guest list and contact list attached)

LPNNRD Assistant Manager Tom Mountford opened the meeting at 5:00 p.m. After a few opening comments, panel members and other guests introduced themselves. There were 22 who signed in (attached) plus five LPNNRD staff in attendance. Also attached is an updated Lake Level Advisory Panel member spreadsheet including a few other contacts for further panel review and updates.

**Don Kavan moved, seconded by Bob Meduna, to designate LPNNRD Assistant Manager Tom Mountford as the recording secretary. By voice vote, all members present voted aye.**

**Ron Morrissey moved, seconded by Don Kavan to appoint Bob Meduna as the Panel Chair. By voice vote, all members present voted aye.**

**Bob Bartek moved, seconded by Bob Meduna to appoint Ron Morrissey as the Panel Vice-Chair. By voice vote, all members present voted aye.**

## 2. Purpose of Meeting

Tom Mountford stated that the primary purpose of the Lake Wanahoo Lake Level Advisory Panel is to evaluate benefits and detriments of lowering Lake Wanahoo's permanent pool (up to three feet). He presented LPNNRD's Board motion for forming the panel which was "to reestablish the Lake Wanahoo Lake Level Advisory Panel with Membership being; four Landowners, five LPNNRD Board Members, one Recreational User, Funding partners who contributed over \$1 million (City of Wahoo, Saunders County Board, Nebraska Game and Parks Commission, Nebraska Environmental Trust) and have Legal Counsel Lausterer attend all meetings and to negotiate with Olsson Associates to assist with completing the Corps Section 408 requirements".

Because LPNNRD is the project sponsor, Advisory Panel recommendations will be presented to the LPNNRD Operations, Education and Rural Water Committee for their consideration and then to the full LPNNRD Board for consideration.

## 3. Review of Current Lake Lowering Procedure

John Miyoshi reviewed what LPNNRD's procedure of lowering Lake Wanahoo has been over the past five years. This procedure involved lowering the lake level one foot from elevation 1210 to 1209 after ice melted off the lake until July 1. On July 1, the gate is closed to restore the lake level back to elevation 1210 (principle spillway crest. When the gate is wide open, the lake will lower 4 inches a day with normal inflow. It was explained that it is difficult to maintain a lake level one foot lower during above normal rain storm events. Wanahoo has an 87 square mile watershed that drains to the lake.

## 4. Review FYRA Engineering Analysis (attachment)

John Miyoshi reviewed FYRA Engineering's hydrology and hydraulics analysis of Lake Wanahoo that was presented to the LPNNRD Board and the public on June 12, 2016. This analysis looked at the May 10-11, 2016, storm event, which showed that much of the intense rains and resulting flooding came from the

Wahoo Creek Watershed, not Sand Creek above Lake Wanahoo. For 2016 we are at 150% of normal rainfall for the year with most of the rain occurring between April 15 and September 15. FYRA's analysis shows that Lake Wanahoo provides significant flood reduction during major rainstorm events, but with a large watershed and high spillway capacity, there will still be flooding downstream, but at a reduced discharge. It also shows that lowering Lake Wanahoo will not provide significant downstream flood reduction due to local water filling the created surcharge with little change to the peak runoff.

## **5. Wahoo Creek Flood Control Efforts (Wahoo Watershed Structure Map attached)**

Tom Mountford discussed past and present efforts to establish flood reduction structures (dams) in the upper 100 square mile area of the Wahoo Creek Watershed. This area includes sub-watersheds North Branch Wahoo Creek, Dunlap Creek and Miller Branch Wahoo Creek. In 1998, NRCS completed the Wahoo Creek Watershed Plan that outlined the most feasible seventeen floodwater reduction structures (not including Lake Wanahoo). Seven of the seventeen structures were completed in the Sand/Duck Creek sub-watersheds upstream of Lake Wanahoo as part of the Environmental Restoration Project effort with the Army Corp's of Engineers. Mountford explained that the LPNNRD is now focused on looking for outside funding assistance to build the remaining ten structure sites and/or other sites along tributaries of Wahoo Creek to further reduce downstream flood damages. It was noted that even with the best flood reduction efforts, there will always be downstream flood damages from intense rainstorm events, but at a reduced rate. LPNNRD has submitted a Regional Conservation Partnership Program application to NRCS for assistance to help build two of the ten remaining NRCS structure sites (Sites 26 & 27). We should know the outcome of this application by in December. Mountford said we will continue to explore other funding sources as well. There is also a separate effort underway to work with Saunders County to build road dams to replace bridges. The goal is to have these structures designed to control a 50-year storm event in the watershed above each site.

## **6. Panel Representative's and Army COE Comments and Discussion**

Selected official Panel representatives include: four (4) landowners; five (5) LPNNRD Board Members; one (1) recreational user; and funding partners who contributed over \$1 million to the project. The designated funding partners on the panel include representatives from City of Wahoo, Saunders County Board, Nebraska Game and Parks Commission, and the Nebraska Environmental Trust. The Nebraska Natural Resource Commission provided over \$11 million toward the project, but previously determined that they have no role in any decision regarding the operation and maintenance of the project. The U.S. Army Corp's of Engineers provided approximately \$15 million toward the project and act in an advisory role to the Panel regarding their Section 408 process, should the LPNNRD decide to request lowering Lake Wanahoo. The Section 408 evaluation determines if lowering Lake Wanahoo would negatively impact the environmental benefits that were used to justify construction of the project. If detrimental environmental impacts would occur with the lake lowering, it would be necessary for LPNNRD to mitigate these losses so there would be no net loss of environmental benefits.

### **Landowner Representative Comments**

Panel landowner representatives Ron Morrissey, Duane Johnson, John Starns and Bob Bartek expressed many concerns about past and future flooding from the Sand/Duck Creek sub-watersheds (87 square miles) above Lake Wanahoo and the lower Wahoo Creek Watershed (approximately 100 square miles) located mostly south and west of Wahoo. The landowners feel that there should be more focus on

downstream flood reduction to agricultural land opposed to recreation benefits provided by Lake Wanahoo. Their belief is that Lake Wanahoo provides no flood control downstream and that (cleaner) water flowing over the principle spillway weirs is now more concentrated and accelerated causing more downstream flooding and erosion to Wahoo Creek banks. The landowners feel that their needs were not given enough consideration when the project was built. As a result, landowners are requesting lowering Lake Wanahoo up to three feet on a permanent basis to help alleviate downstream flood and erosion damages.

#### **Lake User Representative Comments**

Joe Sather, Panel lake user representative, addressed the recreation benefits of Lake Wanahoo. Joe's role is to convey the vast recreational benefits that Wanahoo provides for thousands of lake users each year. He stated how Lake Wanahoo has become one of the best fishing lakes in eastern Nebraska and expressed concerns about the potential negative effects that could occur by lowering the permanent pool. These include loss of fish spawning areas and habitat, difficult boat ramp access, increased bank erosion from wave action and decreased water clarity.

#### **Nebraska Game & Parks Commission (NGPC) Representative Comments (letters attached)**

Mark Porath, Aquatic Habitat Program Manager, is the designated NGPC representative. Mark referred to his agency's previous comments (attached) that raised concerns that lowering Lake Wanahoo will be detrimental to numerous environmental benefits and negatively impact park operations by creating exposed shoreline, compromising fishing habitat and boating access. Those impacts may result in diminished use of the reservoir and campground by tourists, which would diminish economic benefits to the local community. Mark said that NGPC wants to help work through this issue and offered to provide an independent review if LPNNRD proceeds with the Army COEs 408 process to request lowering the lake. Besides operating and helping fund various park improvements, NGPC has provided \$1.4 million in federal assistance for fish habitat structures, boat ramps and wave attenuation structures for Lake Wanahoo.

#### **City of Wahoo Representative Comments (Greater Wahoo Development Foundation letter attached)**

Gerry Tyler and Mike Lawver (alternate) were present to give comments as representatives for the City of Wahoo. In general, the City will be looking closely at any potential adverse impacts vs downstream benefits by lowering the lake. Mike Lawver stated that his farmland located downstream of Wanahoo has experience less flooding since the structure was built. He said that it would be beneficial to know if the volume of water coming into the lake has increased since its construction.

The Greater Wahoo Development Foundation sent a letter expressing their concerns of the detrimental effects lowering the lake level would bring and feels that alternative solutions to reduce downstream flood damages should be investigated.

#### **Saunders County Representative Comments**

County supervisors Craig Breunig, Doris Karloff (alternate) and Larry Mach (alternate) were present as designated county representatives. While the County has not made a formal motion about Lake Wanahoo, county officials expressed their concerns with the downstream flooding issue by personally signing a landowner petition a few months ago to support future flood reduction measures.

Representatives commented that the County will defer to LPNNRD for making the final decision to lower the lake or not. It was also requested as future flood reduction projects are brought forward, that all facts are laid out on the table from the very start so everyone has a clear understanding of what the potential benefits will or will not be.

### **Nebraska Environmental Trust (NET) Comments**

Marilyn Tabor was present as the alternate to Mark Brohman with NET. Marilyn said that NET's focus will be to determine if the primary environmental functions of the project are maintained if the lake is lowered. If primary project functions are not jeopardized, NET will likely be ok with changes. NET has provided over \$1.2 million toward land acquisition, lake improvement and in-lake wave attenuation structures.

### **LPNNRD Representative Comments**

LPNNRD attorney Jovan Lausterer mentioned that as the project sponsor, LPNNRD will be the official body to decide on the issue of lowering Wanahoo's lake levels. LPNNRD Board representatives present were Bob Meduna, Jim McDermott, Don Kavan, Jim Gibney and Don Veskerna. While LPNNRD Panel members have different opinions about the merits of lowering the lake, they desire to listen to all Panel comments and carefully evaluate the potential benefits and deterrents before a final decision is made. On several occasions, LPNNRD Board members have expressed the desire to look for feasible Wahoo Creek flood and erosion projects to reduce downstream damages.

### **Army Corps of Engineers (ACOE) Representative Comments/ Review of 408 Process**

Brent Cossette, Robert Mattson and Eric Laux, ACOE, were present to give comment and to review the 408 process which is needed to request alteration of the Sand Creek Environmental Restoration Project by lowering Lake Wanahoo. The ACOE will be evaluating any potential negative effect lake lowering might have on the ecosystem. It was mentioned that this process could take a few months up to two years to complete. ACOE review will be focused on the primary project purpose which was environmental restoration. Downstream benefits of lowering the lake will not be weighed in their analysis. ACOE has provided approximately \$15 million to the project.

## **7. Next Step**

The panel discussed what the next step should be. If lowering Lake Wanahoo's lake level is pursued, it was agreed that the Army Corp's of Engineers 408 process would need to be initiated. To accomplish this task, a qualified engineering firm would need to be hired to outline a detailed lake lowering 408 request to ACOE so they can evaluate the impacts to benefits of the Environmental Restoration Project before a decision is made.

**It was recommended by Jim McDermott, seconded by Don Veskerna, to advertise for "Requests for Proposals" from Engineering Firms to complete the Army Corps of Engineers Section 408 proposal for lowering Lake Wanahoo. Recommendation passed by voice vote.**

## **8. Next Meeting Date**

**The Panel's next meeting is scheduled for 8:00 a.m., Tuesday, January 31, 2017, at the LPNNRD Office.** It is our plan to send out "Requests for Proposals" to engineering firms and open submitted bids for

completing the Army Corp's of Engineers 408 process at that meeting. It is anticipated the resulting recommendation for interviewing selected firms will go to the LPNNRD Operations, Education and Rural Water committee on February 1, 2017. The O, E & RW committee recommendation will then go to the full LPNNRD Board for consideration on Feb 13, 2017.

### **9. Adjournment**

With no further business, the Panel adjourned at 7:48 p.m.

Tom Mountford

Recording Secretary

November 30, 2016

TO: Interested Consulting Firms

SUBJECT: Requests for Qualifications/Proposals – United States Army Corp's of Engineers  
408 Request Process for Lowering Lake Wanahoo

Lower Platte North Natural Resources District (LPNNRD) is requesting qualifications/proposals for preparation of Section 408 documents to request permission from the United States Army Corps of Engineers (USACE) for alteration of Lake Wanahoo (component of the USACE 206 Sand Creek Environmental Restoration Project), specifically the environmental effects, from lowering the normal pool elevation by varying depths up to a maximum of three feet. Lake Wanahoo is a multi-purpose structure with the primary federal benefits being environmental restoration and recreation with the state benefits being recreation, flood damage reduction and transportation. The Lake is located in Sections 27, 22 and 15, Township 15 North, Range 7 East, in Saunders County Nebraska.

The proposal must address all Section 408 requirements by the United States Army Corps of Engineers to request permission for lowering the normal designed pool elevation (1210) at varying depths up to a maximum of three feet. For environmental compliance the lake is currently being lowered by up to one foot (1209) from February 1 until June 30. We are requesting an itemized proposal from your firm for completion of the following tasks:

Tasks

1. Provide agency coordination between the LPNNRD and the USACE for submitting required information needed for the Section 408 request. This includes an estimated three to five meetings with LPNNRD and/or USACE
2. Plan will review the request changing Lake Wanahoo operations for lowering the lake's normal pool elevation (1210) at three possible lake levels to include elevations 1209, 1208 and 1207 for all or a portion of the year. The final Section 408 permission report will be based on the alternative selected by LPNNRD.

3. Identification and evaluation of affected resources from potential lake lowering.
4. Identification of structural or operations alternatives.
5. Preparation of Section 408 permission request. This report will include the preparation of an environmental assessment (NEPA document), including all required regulatory permitting and compliance.
6. Preparation of required revisions of Section 408 Permission Request.
7. Revision to the still pending project operation and maintenance manual (if required by USACE).

Please include with your qualifications/proposal, your hourly rates plus a maximum total cost to complete the Section 408. Also include an itemized cost breakdown to complete each of the above seven tasks, and a proposed timeline for completing each. **One hard copy and an electronic copy of your qualifications/proposals must be provided to: Lower Platte North NRD, Box 126, 511 Commercial Park Road, Wahoo, NE, 68066. Hard copy is due before 8:00 a.m. Tuesday, January 31, 2017 when all FRPs will be opened at a meeting open to the public. The electronic copy is due by 12:00 noon the same day.**

Questions regarding the RFQ/RFP review and hiring process can be addressed to Tom Mountford, LPNNRD (Phone: 402-443-4676; e-mail address: [tmountford@lpnnrd.org](mailto:tmountford@lpnnrd.org)). Questions regarding details about Army Corps of Engineers Section 408 requirements should be addressed to Brent Cossette, USACE (Phone: 402-995-2712; e-mail address: [brent.i.cossette@usace.army.mil](mailto:brent.i.cossette@usace.army.mil)).

Your interest in submitting a project proposal is very much appreciated.

Sincerely,

Tom Mountford

Assistant Manager

Lower Platte North NRD



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20518360  
2017 36549314 (C)

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Lower Platte North  
Natural Resources District







## Groundwater Management Districts Association - 2017 Annual Conference Agenda

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### Day 1

TBD - Late Afternoon Happy Hour - Welcome Registration

### Day 2

8:30 - 8:40 - **Welcome to Fort Worth, Texas**

8:40 - 9:10 - **Trinity River Vision: Central City Project** - *Matt Oliver, Communications Manager for Trinity River Vision Authority*

9:10 - 9:40 - **Conjunctive Use of Surface and Groundwater** - *Kent Satterwhite, General Manager, CRMWA*

9:40 - 10:10 - **Airborne Electromagnetic Helicopter Flights (AEM)** - *Dick Ehrman, Water Resource Specialist, Lower Platte South NRD*

10:10 - 10:30 - **Break**

10:30 - 11:00 - **Exceeding Water Conservation Goals on Urban Conservation Programs** - *Katie Anderson, CEO & Founder of Save Water Co*

11:00 - 11:30 - **Brackish Groundwater Desalination Project** - *Steve Clouse, Chief Operating Officer of San Antonio Water System*

11:30 - 12:00 - **Texas Water Plan & SWIFT Funding** - *Chairman Bech Bruun, Texas Water Development Board*

12:00 - 1:00 - **Lunch**

12:15 - 1:00 - **Gone with the Wind: The History of Pumping Water with Windmills** - *Dr. Robert Mace, Deputy Executive Administrator, Texas Water Development Board*

1:00 - 1:30 - **Lane City Water Supply Project** - *Karen Bondy, Senior Vice President at Lower Colorado River Authority*

1:30 - 2:00 - **PGCD Weather Modification Program** - *Jennifer Puryear, Meteorologist at Panhandle Groundwater Conservation District*

2:00 - 2:30 - **Current Issues in Texas Groundwater Districts** - *Sarah Schlessinger, Executive Director at Texas Alliance Groundwater Districts*

- 1.** 2:50 - 3:05 - New Mexico's Perspective - *Olivia Mitchell & Aron Batok*
- 2.** 3:05 - 3:20 - Mississippi's Perspective - *Mark Stiles*
- 3.** 3:20 - 3:35 - Kansas' Perspective - *Mark Rude*
- 4.** 3:35 - 3:50 - Nebraska's Perspective - *Lyndon Vogt*
- 5.** 3:50 - 4:05 - Colorado's Perspective - *Randy Ray*
- 6.** 4:05 - 4:20 - Texas' Perspective - *Doug Shaw*

4:20 - 4:50 - Discussion and Questions Regarding Each States' Strategies

5:00 - 6:00 - GMDA Board Meeting

## Day 3

8:30 - 9:00 - **Integrated Pipeline Project** - *Dan Buhman, Assistant General Manager, Tarrant Regional Water District*

9:00 - 9:30 - **North Texas Outreach & Education Programs** - *Denise Hickey, Water Resource Program & Education Manager, North Texas MWD*

9:30 - 10:00 - **Ogallala Jeopardy** - *Bill Mullican, P.G., Mullican & Associates*

10:00 - 10:20 - **Break**

10:20 - 10:50 - **Components to Groundwater Management Software** - *Aaron Collier, Vice President, Collier Consulting, Inc.*

10:50 - 11:20 - **MotorMaid** - *Wade Olliver, P.G., Senior Hydrogeologist, Intera*

11:20 - 11:50 - **Landsat Imagery** - *Duane Woodward, Engineering Hydrologist at Central Platte NRD*

11:50 - 6:00 - **Load Bus for Tours - Lunch on Bus**

- 1.** VIP Tour of AT&T Cowboys Stadium - Click [here](#) for more information!
- 2.** Tour of MillerCoors Brewery's Conservation Program - Click [here](#) for more information!

# Speakers

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**SWCP Monthly Report**

November 30, 2016

SWCP LOCAL	\$20,000.00
SWCP TREE ALLOCATION	\$3,000.00
STATE ALLOCATION	\$114,161.19
AMOUNT SPENT	\$42,104.32
CASH BALANCE	\$95,056.87
ALLOCATION %	184%

SWCP #	STATUS	NAME	AMOUNT	PROJECT	SHELL CREEK FUND
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**APPROVED SMALL DAM PROJECTS:**

15-S-12	Approved	Mike Chvatal	\$ 16,742.31	Small Dam	
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**APPROVED SUMMER PROJECTS:**

15-C-15	Approved	Randy Brabec	\$ 1,200.18	Diversion	
15-B-17	Approved	Randy Fendrich	\$ 12,500.00	W/S Basins w/Tile	
15-B-20	Approved	Tom Smaus	\$ 7,753.52	Terraces/Tile	
15-S-23	Approved	Glen Treptow	\$ 12,500.00	Terraces/Tile	Wahoo Creek
15-S-24	Approved	Doris Treptow Rev. Trust	\$ 6,812.72	Terraces/Tile	Wahoo Creek

**TOTAL SUMMER APPROVALS \$ 57,508.73**

**APPROVED PROJECTS:**

15-B-5	Approved	Bill Perk	\$ 12,500.00	Terraces/Tile	
16-S-1	Approved	Edward Kratky	\$ 12,500.00	Terraces/Tile	
16-S-2	Approved	Bob,Rich,Tim Bartek	\$ 12,379.13	Terraces/Tile	
16-D-3	Approved	Vering Feeyard, LLC	\$ 12,500.00	Terraces/Tile	
16-S-4	Approved	Paseka Family Rev. Tr.	\$ 1,748.25		
16-B-5	Approved	Kirk Marushad	\$ 11,576.49	Terraces/Tile	
16-B-6	Approved	Bonita Jisa	\$ 12,500.00	Terraces/Tile	
16-B-7	Approved	Laverne Kucera	\$ 12,500.00	Terraces/Tile	
16-B-8	Approved	Richard Voboril	\$ 12,500.00	Terraces/Tile	
16-D-9	Approved	Darrell Umscheid	\$ 507.45	Diversion	
16-S-10	Approved	Margie Vrana	\$ 12,260.00	Basins/Terraces/Tile	
16-D-11	Approved	Darlene Kroeger	\$ 3,496.50	Tile Extension	

**TOTAL FALL APPROVALS \$ 116,967.82**

**APPROVED SHELL CREEK PROJECTS:**

**TOTAL**

**TOTAL \$0.00**

**TOTAL AMOUNT ALLOCATED \$ 174,476.55**

**PAID PROJECTS**

SWCP #	STATUS	NAME	AMOUNT	PROJECT
			\$ 6.00	
15-S-14	Approved	Mike Chvatal	\$ 12,187.14	Terraces/Basins/Tile
15-S-16	Approved	David Hartman	\$ 10,962.26	Terraces/Tile/Basins
15-S-21	Approved	James Fujan Trust	\$ 6,454.92	Terraces/Tile
15-S-22	Approved	David Sousek	\$ 12,500.00	Terraces/Tile

**LOCAL FUNDS**

**PAID PROJECTS COTTONWOOD CREEK WATERSHED**

**SWCP PAID: \$ 42,104.32 \$0.00**

**PAID PROJECTS COORDINATING - SAND & DUCK CREEK**

**Total SWCP PAID: \$ 42,104.32**

**Lower Platte North  
Natural Resources District**

**Soil & Water Conservation Program  
(SWCP)**

**LPNNRD Board Approved**

**New Additions in Red  
Deletions in Orange**

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**LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT POLICY  
2017 SOIL & WATER CONSERVATION PROGRAM (SWCP)**

**I. PURPOSE**

The purpose of this program is to provide guidance for administering federal (EPA 319 grants), state (NSWCP, Environmental Trust grants) and local cost-share assistance as an incentive to landowners for the construction and application of soil and water conservation practices.

**II. ELIGIBILITY, DISTRIBUTION OF FUNDS**

- A. Any landowner within the Lower Platte North NRD (LPNNRD), individual, partnership, corporation or other legal entity is eligible to apply for SWCP funds.
- B. Cost-share program funds will be approved and distributed based on the number of high priority applications received each fiscal year (July 1 - June 30).
- C. Funds may be reserved and targeted toward high priority watersheds and projects as determined and approved by the LPNNRD Projects Committee and Board.
- D. Unobligated or unused SWCP funds in priority watersheds may be redistributed to other areas if not used in a timely manner.
- E. The LPNNRD may supplement the Nebraska Soil and Water Conservation Program (NSWCP) state funds with available federal, other state & local funds. The amount of local funds budgeted and available will be decided each year.
- F. Landowners will be expected to apply for available federal EQIP cost-share funding when applicable and available **for eligible high priority practices A, C though M**, before state and local cost share funding is approved. It is also generally expected to approve available state funding before local funds are considered.

**III. APPLICATION REQUIREMENTS**

- A. Eligible SWCP applicants are to apply at their local NRCS Service Office (also the LPNNRD office if for tree planting or windbreak renovations). Applications with appropriate NRCS comments/recommendations are to be forwarded to the NRD for consideration.
- B. Applications will contain sufficient information to include:
  - 1. Date construction (summer or fall) is expected to be completed.
  - 2. Type of Project to be installed.
  - 3. Whether the proposed project is located in a priority watershed area or if other special conditions exist.
  - 4. An aerial photograph showing the project location.
  - 5. Total estimated cost-share needed for the project.
  - 6. When applying for a small dam or grade stabilization structure, the estimated percent of land treatment draining to the proposed site (Attachment C).

#### IV. ELIGIBLE HIGH PRIORITY PRACTICES

- A. **Establishment of warm and cool season grass on crop land.**
- B. **\*Small conservation project (terraces, basins, diversion, grass waterways and/or underground outlets) applications.** This priority practice includes newly established grass waterways and/or replacement grass waterways.
- i. Small projects are only eligible on fields where a complete no-till cropping management system is currently being applied.
  - ii. Existing grassed waterway applications must be over 10-years old and part of an approved terrace system or on 100% no-tilled fields)
  - iii. Small Projects may involve the construction of a new terrace and/or sediment & water control basins systems or it may include the extension of an existing terrace system with the inclusion of sediment & water control basins (this priority does “NOT” include the replacement of functionally obsolete terrace systems, waterways and sediment & water control basins in excess of 10-years old).
  - iv. Small projects do not include practice of installing tile outlets into existing functional terrace outlet systems (refer to priority G).
  - v. Small projects will not exceed \$5000.00 in cost incentive request.
  - vi. For small projects, landowners will not be expected to apply for available federal EQIP cost-share funding for eligible high priority practice B. It will generally be expected to approve available state funding before local funds are considered.
- C. **\*Construction of new terrace systems where cost incentives exceed \$5000.00** (includes replacement of functionally obsolete terrace systems in excess of 20-years old).
- D. **\*Construction of sediment & water control basins when part of a new terrace system where cost incentives exceeds \$5000.00** (Attachment A).
- E. **\*Construction of Diversions, where cost incentives exceeds \$5000.00, when part of a new terrace system or dam** (Attachments A & C).
- F. **Planned Grazing Management Systems** (Attachment B).
- G. **\* Installation of Tiled Outlets into Existing Terraces** (includes the storage portion of the terrace).
- H. **Water Impoundment and Grade Stabilization Structures** (Attachment C)
- I. **Tree/Shrub Planting** (Only when NRD stock is provided and planted by the District) For riparian buffer strips, field, acreage and farmstead windbreaks and for wildlife habitat 200- tree/shrub minimum is required for riparian buffer strips, and for field and farmstead windbreaks. A 300-tree/shrub minimum is required for wildlife habitat.
- J. **Windbreak Renovation** (Attachment D)
- K. **Supplementing EOIP Contracts in Priority Areas**  
When federal EQIP funds are approved in LPNNRD priority areas, the District may approve additional local and/or state cost share not to exceed the established maximum cost share percentage approved for a practice or the specific area.
- ~~L. **Grass Waterways** (when part of an approved terrace system or on 100% no-tilled fields)~~
- ~~M. **Replacement of Grass Waterways** (will be considered on a case by case basis, if over 10 years old and part of an approved terrace system or on 100% no-tilled fields)~~
- L. **Emergency Repair of Conservation Practices** (Attachment E)

**\*NOTE:** Cost share only applies toward the tile outlet portion of approved terrace systems to establish a stable outlet. A stable outlet is considered to be on land that has a 2% grade or less. A landowner may choose to install a portion of the outlet without cost share

assistance provided that it meets NRCS design standards and specifications.

## V. INELIGIBLE PRACTICES

- A. Any application that would allow the installation of terraces on land that has established grass will not be approved.
- B. The LPNNRD will not approve any conservation practice that will encourage the conversion of grassland, including CRP land, to crop land. This includes CRP land in the last year of the contract.
- C. Rebuilding grassed waterways or tile outlets if under 10-years old. Note: Cost share for replacing grass waterways will be considered on a case-by-case basis when over ten (10) years old and part of an approved terrace system or on 100% no-till fields (see IV. M.).
- D. Work that is considered normal maintenance of existing conservation practices.
- E. Rebuilding terraces on existing terrace lines.
- F. Terraces systems on Class VI land or greater.
- G. Sediment removal from small dams or other impoundments and/or from adjacent lands of said structures.
- H. Work started or constructed prior to approval.
- I. Livestock Waste Pits.
- J. The District will not provide cost share for practices on farmland that does not have a certified Nitrogen operator or on irrigated land where the irrigated acres are not certified by LPNNRD.
- K. Any practice on fields that are determined sod-busted by the NRCS.
- L. Repair of damage to conservation practices that is determined to be landowner negligence in performing normal maintenance as outlined in NRCS specifications.

## VI. APPLICATION SUBMITTAL, APPROVAL & PROJECT COMPLETION PERIODS

### A. Summer Construction Applications (For June through September 15 ):

To insure LPNNRD consideration, **applications for summer construction must be submitted by February 1.** Most generally, the Projects Committee will review, rank and recommend summer application approvals at the **February/March Projects Committee Meeting.** However, consideration and approval of summer applications received after **February 1** may occur depending on available funds. All **summer construction projects are to be completed by September 15 and final paperwork submitted to the LPNNRD office by October 15.** The Projects Committee will review all uncompleted or unpaid applications at the end of each period to determine if application extensions and/or cancellations are warranted. **The field must be available for construction by August 1. The area must be planted to a cover crop or a crop preceding or after construction. The crop or cover may be harvested or pastured during the contract period.** Work not **completed by September 15,** may be canceled or receive reduced cost share as determined by the **Projects Committee/Board.**

**NOTE: Cooperators who are approved for incentive payments within special designated watersheds, must follow these same summer construction requirements (refer to the “Lands for Conservation Program” – Attachment F).**

### B. Fall Construction Applications (September through December project completion):

To insure LPNNRD consideration, applications for fall construction must be received by **July 1.** Most generally, the Projects Committee will review, rank and recommend fall construction application approvals at the **July/August Projects Meeting.** However, additional approvals for fall work may occur after July/August as funds are available.

**Approved fall applications will be given until December 31 to complete the work.**  
The Committee will review all unpaid applications at the end of each year to determine application extensions and cancellations.

C. **Grass, Tree Planting, Windbreak Renovation Applications:**

Application periods for grass establishment will be approved based on NRCS seed and seeding specifications. Applications for trees are generally considered for approval just before the spring planting season. For approved Windbreak Renovation applications, tree removal will normally be completed in the summer or fall so the site will be ready before spring tree planting.

D. **Small Dam Application (Attachment C):**

To ensure consideration for approval, the **District will need NRCS/NRD technician recommended applications by December 15.** The Projects Committee will review and prioritize and submit a recommendation for approval at the January Board Meeting.

E. **LPNNRD Signatures on Approved Applications & Related Documents:**

The Manager, Assistant Manager and Projects Coordinator are authorized to sign Board approved SWCP applications, Completion and Document Certifications and other related documents on behalf of the LPNNRD.

## VII. 2016 PRIORITY AREAS & ELIGIBLE COST-SHARE PERCENTAGES

Priority areas for 2016 listed below are given first consideration for District cost share assistance. Each year, high priority practice applications located in priority areas are reviewed and approved by the Projects Committee and Board for the upcoming program year. The cost-share assistance payment may not exceed a total of the eligible percent for an area when combining all sources of federal, state and local assistance. **If there is not available funding for all applications for all listed priority areas, the Projects Committee will rank areas for approval.**

- A. **LPNNRD Lands North of the Platte River (Platte, Boone, Madison, Colfax & Dodge Counties): 75% ~~90%~~** (Shell Creek is also in ET & EPA 319 grant area - actual percent depends on priority area and practice as defined in approved grant application)
- B. **Lake Wanahoo (Sand/Duck Creek) Watershed: 75% ~~90%~~** - ~~This designated EPA/NDEQ 319 grant priority area extends through March 2016 to complete existing approved land treatment contracts. The actual percent to be paid depends on approved practice as defined in approved grant application)~~
- C. **Czechland Lake Recreation Area Watershed: 75%**
- D. **Homestead Lake Recreation Area Watershed: 75%**
- E. **Wahoo Creek Sub-Basins: Dunlap Creek; North Fork Wahoo Creek; Miller Branch Creek: 75%** - These Wahoo Creek Sub-Basins are designated EQIP WQI, EPA 319 and Environmental Trust Priority Areas.
- F. **Skull Creek Watershed: 75%** (It is anticipated to alternate this watershed with the Bone Creek Watershed every two years)
- G. **Watersheds Above All Existing and Planned LPNNRD Flood Control Structures (non-public structures that are or will be operated and maintained by the District): 75%**
- I. **Watersheds Above Proposed or Completed Landowner SWCP Cost Share Dams (That will or have received LPNNRD assistance): 75%**
- J. **Voluntary Compliance of Verified Erosion & Sediment Complaints District-wide: 75%**
- K. **All High Priority Practice Summer Applications District-wide (June 1 through September 15 completion): 75%**
- L. **Tree/Shrub Planting District-wide: 75%**
- M. **Windbreak Renovation - District-wide: 50%**
- N. **Emergency Repair of Conservation Practices District-wide: 50%**

~~**Cottonwood Creek Watershed: 75%** - This designated EPA/NDEQ 319 grant and EQIP WQI priority area extends through March 2016 to complete existing approved land treatment contracts.~~

## VIII. COST SHARE PERCENTAGE - PRACTICE EXCEPTIONS

The maximum cost share percentage for most high priority conservation practices will be 75% ~~90%~~, depending on where the practice is located (**Refer to VII. above**). The exception to this is for the following high priority practices:

- A. **Water Impoundment Dams and Grade Stabilization Structures: 65% - 75%**  
(Attachment C)

- B. **Windbreak Renovation Practice: 50%** (Attachment D)
- C. **Emergency Repair of Conservation Practices: 50%** (Attachment E)

## IX. MAXIMUM COST SHARE LIMITS

- A. **General Maximum Limit:**  
A cooperators may receive up to \$12,500 SWCP funds within any program year (July 1 - June 30) for most high priority practices unless otherwise specified below.
- B. **Priority Areas with Federal or State Grant Funding:**  
Within priority areas that are receiving reimbursable federal or state grant funding, the maximum limits may be exceeded to expedite use of those special funds within the specified grant period time line.
- C. **Planned Grazing Systems – Livestock Well Pumping Plants:**  
The maximum limit for planned grazing systems is \$12,500, however a maximum cost share limit of \$5,000 will also apply toward the livestock well and well pumping plant components (combined) when part of the approved system (Attachment B).
- D. **Water Impoundment & Grade Stabilization Structures:**  
The maximum limit for water impoundment dams and grade stabilization structures is \$15,000 upon NRCS recommendation and Projects Committee/Board approval on a case-by-case basis (Attachment C).
- E. **Windbreak Renovation:**  
The maximum limit for windbreak renovation is \$1,000 per landowner per year (Attachment D).
- F. **Emergency repair of conservation practices:**  
The maximum limit for emergency repair of conservation practices is \$1,000 per landowner per year (Attachment E).

## X. AMENDMENTS FOR ADDITIONAL COST SHARE

When applications are approved under the maximum limit, additional funds, up to the limit, may be approved if notified by the landowner or technician before construction. LPNNRD staff is authorized to approve an additional \$1,000 above the original approval (up to the maximum limit) if the request is received from the landowner and/or technician prior to construction. Staff will notify the Projects Committee of any staff authorized changes.

## XI. APPLICATION EXTENSIONS

Extensions may be granted for inclement weather or for other conditions beyond the landowner's control. All extension requests will be considered by the Projects Committee and Board on a case-by-case basis. No more than one 6-month extension can be approved for the same application.

## XII. CONSERVATION PRACTICE DESIGN, STAKING & PERMITS

- A. All conservation measures must be designed and staked by Natural Resources Conservation Service personnel (NRCS), NRD technicians or other NRCS approved technical service providers. All completed conservation work must be according to the NRCS design standards and specifications as outlined in the NRCS Procedures

Handbook for LPNNRD.

- B. The landowner is responsible for contacting the NRCS office to secure funds and schedule the layout (design and staking) of the approved work
- C. The landowner is responsible for obtaining all required local, state and federal permits.

### **XIII. SUBMITTING BILLS & PAPERWORK ON COMPLETED WORK**

- A. The landowner is responsible for submitting all bills to the NRCS office. The NRCS will calculate the eligible cost share payment (on NSWCP form # 3) and submit completed and properly signed paperwork to the LPNNRD.
- B. Drawings of the completed practices at to be provided by the NRCS/NRD technician on an aerial photo and submitted with the payment request.

### **XIV. COST SHARE PAYMENTS**

- A. LPNNRD has approved use of NRCS's 2016 EQIP conservation practice payment rates for calculating SWCP contract cost-share payments (see attachment G). Payments will be based on NRCS's EQIP ~~cost-share~~ practice payment ~~schedule~~ rates that were in force at the time the application was approved. The cost-share percent may be lowered if summer work is extended into fall.
- B. The LPNNRD calculates and pays cost-share on terraces only by the linear foot, not by the cubic yard.
- C. The cost-share percentages are calculated by multiplying the eligible cost share percentage by the approved cost share practice payment schedule rate or actual cost whichever is less. The cost-share assistance payment may not exceed a total of the eligible percent for an area when combining all sources of federal, state and local assistance.
- D. **Splitting Cost-Share Percentages:** When a field splits two cost-share priority areas, the corresponding eligible cost share percentage will be applied to each portion of the field being treated. When a field splits into a non-priority area, that area will be allowed up to 50% cost share assistance, if the non-priority area is 50% or less of the entire field being treated.

### **XV. PAYMENT OVERRUNS AND LANDOWNER REQUESTED REFUNDS**

- A. **Payment Overruns:**  
Overruns of up to 10 % above the approved project amount may be approved by staff. Overruns above 10% will need Board approval. Payments are not to exceed the maximum cost share limits set for the various practices. Exception to this is when payments are combined with grant funds in priority areas.
- B. **Landowner Refunds:**  
If an SWCP practice is purposely damaged, removed or destroyed within ten years after completion (25 years for a small dam), the cooperators who received cost share, will be requested to reimburse the District, all or a portion of the SWCP cost share funds, as determined by the Projects Completion (25 years for a small dam), the cooperators who received cost share will be required to reimburse the District all or a prorated portion of the funding assistance, as determined by the Projects Committee and Board.

**SWCP ATTACHMENT A**  
**SEDIMENT & WATER CONTROL BASINS AND DIVERSIONS**

This attachment is to help clarify the use of sediment & water control basins and diversions as an eligible cost-share practice. Basins and diversions are to be used as a part of an approved conservation system according to the NRCS technical guides and field manual.

- A. Sediment & water control basins and diversions may be approved as a high priority practice when in conjunction with terraces or dams.
- B. Basins and diversions will be considered a high priority practice when a part of a terrace system or in conjunction with a 100% no-till system. A 100% no-till system must have the goal of controlling soil erosion to soil replacement levels (“T”). A 100% no-till system is accepted land treatment when ephemeral and gully erosion is controlled or “T” is met. Basins and/or diversions built separately on a terraced field are not considered a part of the terrace system.
- C. Basins and diversions not part of a terrace system, may be considered as a high priority practice on fields where the NRCS or NRD technician determines terraces are not feasible and/or they offer the most practical solution to a problem. This will be determined by the Projects Committee on a case-by-case basis.

**LOWER PLATTE NORTH NRDSWCP ATTACHMENT B  
PLANNED GRAZING SYSTEM PRACTICE**

**I. GENERAL REQUIREMENTS**

- A. An applicant must have at least 40 acres of connecting grassland to be developed into at least two grazing cells with planned rest periods in accordance with Natural Resources Conservation Service (NRCS) recommendations.
- B. Applicants must complete a minimum 10-year planned grazing system developed by the NRCS prior to submitting an application.
- C. Applicants are required to sign a 10-year cost-share agreement with the LPNNRD. (Form NSWCP-10)
- D. All approved cost-share items must meet NRCS Standards and Specifications.
- E. Funds for approved practices may be used on CRP lands if such lands are in the last year of the CRP contract.
- F. The amount and type of eligible practices approved for each application will be determined by the overall grazing system plan and the most cost effective alternative available.
- G. Cost-share on eligible practices will be based on the approved cost-share percentage times the approved practice payment schedule cost share rate or 75 percent of the actual cost, whichever is less.

**II. ELIGIBLE PRACTICES**

- A. **Cross Fencing:** Only fencing designed to facilitate cell division is eligible for cost-share (Standard 382 specifications). Boundary fences are not eligible for cost-share.
- B. **Livestock Water Dugouts:** Dugouts will be sized by daily animal needs and Nebraska Engineering Handbook Standards.
- C. **Livestock Well Installation:** Livestock wells will be sized to provide a maximum of 15 gallons of water per animal-unit per day within each cell. No cost-share will be available for domestic or irrigation wells. Well test holes are not eligible for cost-share.
- D. **Pumping Plants for Livestock Wells:** (As outlined by State NSWCP Guidelines): While a cooperator may receive up to \$12,500 SWCP funds toward completing a Planned Grazing System, a maximum cost share limit of \$5,000 will apply toward the livestock well and well pumping plant component (combined) if part of the approved system.
- E. **Livestock Water Tanks:** Tanks sized according to standard storage requirements in the NRCS Technical Guide, Standard 614, are eligible.
- F. **Livestock Water Pipeline Installation**

**LOWER PLATTE NORTH NRD  
SWCP ATTACHMENT C  
GUIDELINES FOR WATER IMPOUNDMENT (SMALL DAMS) &  
GRADE STABILIZATION STRUCTURES**

**I. PURPOSE**

The purpose of this program is to assist landowners with the construction of water impoundment and grade stabilization structures on their property.

**II. ELIGIBLE PROJECT ITEMS**

A. Eligible Project Costs Include:

1. Construction (Not to include site preparation)
2. Seeding (Structure and emergency spillway)
3. Fencing when required by the NRCS

**III. LAND TREATMENT REQUIREMENT**

To be eligible for cost-share assistance, a minimum of 75% land treatment is required within the watershed above each proposed structure site. To calculate this percentage, non-highly erodible land is considered treated.

**Land Treatment Definition:**

Land treatment is defined as any practice or combination of practices (i.e. terraces, no-till etc.), that control soil erosion rates on highly erodible soils to soil replacement levels or less (Soil replacement level or "T" = 5 tons/acre in the LPNNRD). Any approved NRCS farm plan that treats land to "T" qualifies under this definition (8/2/00 Projects Committee).

**IV. COST-SHARE PERCENTAGE AND MAXIMUM ASSISTANCE**

The cost-share percent for approved applications outside selected priority areas is up to a maximum of 65%. For small dams approved within selected LPNNRD priority areas, the cost-share rate is up to a maximum of 75%. Eligible assistance will be based on the eligible cost-share percent times the county average costs or 75% of actual costs whichever is less. The maximum cost-share limit will be \$15,000 upon NRCS recommendation and Projects Committee approval on a case-by-case basis (see Special conditions below).

**Special conditions:** The Board may approve a higher cost-share percentage and increase the maximum assistance if an application site is above an LPNNRD recreation area, within a targeted watershed or when other special conditions exist. The Board may also approve a lower cost-share percent and decrease the maximum assistance for structure sites of lower priority. **Special** conditions will be evaluated by the Board on a case-by-case basis.

**V. PRIORITY AREAS**

Priority-areas for small dams and grade stabilization structures include the following watersheds:

- A. Sand & Duck Creek
- B. Wahoo Creek

- C. Skull Creek
- D. Shell Creek
- E. Bone Creek
- F. Watersheds above Pubic Recreation Structures (i.e. Czechland Lake, Homestead Lake, Lake Wanahoo)
- G. Above all existing LPNNRD Operated and Maintained Watershed Structures.

**VI. APPLICATION ELIGIBILITY AND SIGN-UP**

- A. Any landowner within the Lower Platte North NRD who is an individual, a partnership, a corporation or other legal entity.
- B. Applications may be submitted any time during the year; however, only NRCS inspected and recommended applications received by December 15, will ensure consideration for the following construction year. Unapproved applications will expire on May 1 of each year, requiring a new landowner application for future consideration. The Projects Committee will review, prioritize and submit a recommendation for approval at the January Board Meeting.
- C. The applicant shall apply at the county NRCS office on forms provided by the LPNNRD. An aerial photo showing the proposed project location must accompany the application. The application must be signed by the applicant and sent to the LPNNRD before December 15 of each year to insure consideration for the immediate year's construction.
- D. At the time of application, the NRCS will be requested to provide an estimate of drainage acres, percentage of land treatment present, quantities and costs for the project.

**VII. APPLICATION EVALUATION AND TENTATIVE APPROVAL**

- A. Application sites will be inspected by LPNNRD and NRCS representatives to evaluate feasibility, benefits and cost. Benefits to be evaluated will include but not be limited to: flood control, grade control, erosion and sediment control, wildlife habitat enhancement, livestock water, and protection to public roads and property.
- B. The Projects Committee will most generally review, prioritize, and make recommendations on applications at their January meeting.
- C. The NRD Board of Directors will generally approve, reject, or table each request at the January Board Meeting.
- D. After receiving LPNNRD approval, the applicant will be required to submit a \$500 deposit to the NRD before a survey or design is started. The deposit will be returned to the applicant after project completion. If the deposit is not received by February 1, the application will be canceled. If the applicant withdraws from the project after the design has been complete, the deposit will be retained by the LPNNRD unless conditions in XII. B. apply.
- E. In February of each year, the Natural Resources Conservation Service will be requested to proceed with survey and design of approved projects.
- F. After receiving LPNNRD approval, the applicant will be given two years to obtain necessary permits, complete the structure and submit all required paperwork. If the project is delayed due to adverse weather conditions, or other conditions beyond the

applicant's control, an extension may be granted by the LPNNRD Board of Directors. Extensions will be considered by the LPNNRD Board on a case-by-case basis.

### **VIII. LAND RIGHTS, AGREEMENTS AND PERMITS**

- A. The applicant is responsible for obtaining any required easements and any required federal, state and local (i.e. NDNR, Army COE, and County Zoning) permits.
- B. The applicant is responsible for the relocation or modification of water lines, power lines and telephone lines and pay the costs involved.
- C. The applicant will be required to enter into a 25-year cost-share agreement with the LPNNRD. This agreement states that the applicant will refund cost-share funds if the project is removed, altered, or modified without the consent of the LPNNRD.

### **IX. STRUCTURE DESIGN AND CONSTRUCTION**

- A. The NRCS will be requested to survey, design, and supervise all structures approved by the LPNNRD Board.
- B. Construction will not commence until formal notice to proceed is given by the LPNNRD. This notice will be given after NRD Board approval, and after receiving the applicant's deposit and signed cost-share agreement.

### **X. FINAL APPROVAL AND PAYMENT**

- A. Final Approval and Payment will occur when:
  - 1. The project is completed and certified by the NRCS/NRD technician to meet all NRCS standards and specifications.
  - 2. The completed application form NSWCP-3 is signed and returned to the LPNNRD with a copy of all project bills.

### **XI. OPERATION AND MAINTENANCE**

The landowner is responsible for all operation and maintenance after project construction.

### **XII. SMALL DAM DEPOSIT REQUIREMENT & REIMBURSEMENT**

- A. The applicant will be required to submit a \$500 deposit to the NRD before a survey or design is started. The deposit will be returned to the applicant after NRCS approves the completed project and all paperwork is submitted and approved by the District. If the deposit is not received by February 1, the application will be canceled. If the applicant withdraws from the project after the design has been complete, the deposit will be retained by the LPNNRD unless conditions in B. apply.
- B. If a landowner does not proceed with the small dam project because the final cost estimate is 40% or more over the original project estimate, the LPNNRD will return the \$500 deposit based on financial hardship. All other conditions will be reviewed by the Projects Committee on a case-by-case basis.

**LOWER PLATTE NORTH NRD  
SWCP ATTACHMENT D  
WINDBREAK RENOVATION PRACTICE**

**I. PURPOSE**

To provide for the restoration of farmstead, acreage or field windbreaks that have been rendered substantially ineffective due to the death of trees or other windbreak plantings as a result of weather, disease, or other natural causes.

**II. PLAN REQUIREMENT**

A windbreak renovation plan is to be based on a plan reviewed and approved by a forester of the Nebraska Forest Service. The forester is to certify that the windbreak has lost its effectiveness, should be renovated and that they approve the plan of renovation.

**III. SITE PREPARATION**

Tree removal off the site is required to be accomplished in late fall/early winter at least before the planting occurs the following spring. The only area that is replanted with a new windbreak receives cost share for removal costs. Tree removal work should not be initiated until the application is approved by the Lower Platte North NRD and the landowner agrees to replant the windbreak in the same area.

**IV. COST SHARE RATE AND MAXIMUM ASSISTANCE**

The windbreak renovation cost-share payment will not be based on a cost greater than the county average unit cost adopted by the USDA-FSA. The renovation practice is not to include the replanting of the windbreak because of different cost-share percentage rates. The windbreak planting cost-share will be separate. The Lower Platte North NRD will cost share at a 50% rate, up to \$1,000.

Tree planting cost-share is eligible for riparian buffers, farmsteads, acreages, field and livestock protection windbreaks. Windbreaks must contain 200 or more trees and shrubs which are purchased through and planted by the NRD. When the planting is strictly for wildlife habitat, a minimum of 300 trees/shrubs purchased and planted by the NRD is required.

**LOWER PLATTE NORTH NRD  
SWCP ATTACHMENT E  
FOR EMERGENCY REPAIR OF CONSERVATION PRACTICES**

**I. PURPOSE**

On occasion, the LPNNRD Board of Directors may approve local SWCP funds for the Repair of conservation practices damaged from intense rainstorms. The decision for approving emergency repair funds will be considered annually, with the location and total amount of available funds dependent on the severity of storm damage to conservation practices in designated areas in the District. When approved by the Board, Emergency repair funds will be allocated in the following manner:

- A. The LPNNRD Board will consider approval of the amount and eligible area for emergency repair funds, with a recommendation from the Projects Committee. Typically, this will occur on or prior to the LPNNRD September Board Meeting.
- B. Only eligible Conservation Practices, two years old and newer that were originally built to NRCS design specifications, will be eligible for cost-share assistance.
- C. The committee will consider approval of emergency repair assistance only when it is determined by an NRCS technician that the damage was not due to landowner negligence in performing normal maintenance as outlined in NRCS O&M specifications.
- D. To be eligible for emergency repair funds, the landowner must be following an approved NRCS farm plan.
- E. Prior to LPNNRD approval, applications will receive recommendations from LPNNRD and NRCS staff. The LPNNRD Projects Committee will prioritize application practices and areas.
- F. Eligible assistance will be 50% of the approved amount up to a maximum of \$1,000 per landowner per program period.

**LOWER PLATTE NORTH NRD**  
**SWCP ATTACHMENT F**  
**2017 LANDS FOR CONSERVATION PROGRAM**  
**(Sub-watershed areas: North Fork – Wahoo Creek, Dunlop –**  
**Wahoo Creek and Miller Branch – Wahoo creek)**

**Purpose:** The Lands for Conservation program provides landowners with an incentive to get conservation structures constructed on the land during the growing season.

1. The Lands for Conservation program will be on contractual basis between the landowner (cooperator) and the Lower Platte North Natural Resources District for one year while conservation practices are being established. Applications deadline for each calendar year will be February 1.
  2. Sediment and Water Control Basins with tile outlets and/or terraces with grassed waterways and terraces with tile outlets qualify for this program. Sediment and Water Control Basins/Terraces and/or waterways must be seeded during the contract period.
  3. NRCS and/or NRD personnel will design terraces with waterways or tile drains or Sediment and Water Control Basins with tile outlets. These practices must protect the entire field on which they are established. However, the area under contract will be the smallest practical area to encompass the practices, as agreed upon with the cooperator.
  4. Land enrolled in another program (ex: CRP) may not be eligible for Lands for Conservation contracts.
  5. Sediment and Water Control Basins with tile outlets and terraces with waterways or tile outlets may be cost-shared through the EQIP program administered by Natural Resources Conservation Service (NRCS). If federal funds are not available, cost-sharing assistance may be available through LPNNRD's Soil & Water Conservation Cost-Share Program.
  6. **Construction must be done between June 1 and September 15.** The field must be available for construction by August 1. The area enrolled in the LPNNRD Lands for Conservation will be planted to cover crop or **a high residue crop (corn, wheat, forage sorghum, etc.)** preceding or after construction. The crop or cover may be harvested or pastured during the contract period.
  7. **For 2017: Payment is ~~\$220~~ ~~\$184~~ **\$189** per acre\*.**  
\*Payment Rate will be reviewed annually. Payment rate is based on **2016** Nebraska Non-Irrigated Cropland Cash Rent Paid per Acre, Source: USDA National Agricultural Statistics Service – September 5, 2014.  
**Payment will not be processed and forward to the NRD applicant until the project (including the planting of the cover crop) has been certified as completed by the NRCS.**
  8. If used for permanent pasture before or after the contract period, these areas are not eligible for the Lands for Conservation Program. Money received through this program resulting in permanent pasture after the contract period, must be returned. Land can be used for hayland as a normal part of the crop rotation.
  9. If ownership of land changes during the contract period, the contract becomes void. The new owner may continue the contract, if agreed to with the Lower Platte North NRD.
  10. Approval of contracts will be on a rotating basis.
  11. The landowner will contract for the construction of Sediment and Water Control Basins, terraces, waterways, tile outlets and any other necessary construction.
  12. Terraces, Sediment and Water Control Basins, waterways and tile outlets must be maintained for 10 years or as long as the current owner has control of the land, whichever is less.
  13. **Eligible Watersheds for the Lands for Conservation Program: Within the Wahoo Watershed, sub watershed that are eligible are; four of the HUC 12 sub watersheds were identified as highest priority areas for this program: North Fork-Wahoo Creek, Dunlop Creek and Miller Branch-Wahoo Creek.**
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## Tom Mountford

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**From:** David Potter  
**Sent:** Friday, December 02, 2016 1:44 PM  
**To:** John Winkler; Tom Mountford; John Miyoshi; Marlin Petermann  
**Cc:** Paul Zillig  
**Subject:** LPRCA Water Quality Management Plan  
**Attachments:** november 2016 minutes.pdf

### Managers:

First of all, please find attached the final minutes of the November 15<sup>th</sup> LPRCA Quarterly Meeting. There have been some changes made to the items pertaining to the WQMP and the Retreat. I think the minutes give a good explanation of the projects and what the Alliance is doing.

The minutes reflect that NDEQ is willing to provide a grant for \$15,000 help with the necessary amendment to the WQMP that is being proposed by HDR. As you know, this amendment is necessary in order to get the plan approved. Once the plan is approved there are many projects that will become possible through 319 funding. After NDEQ found out that the proposed amendment is at a cost of \$34,450, they now state they will help provide a grant for \$17,225 (50% of the cost). The remaining \$17,225 will need to be a non-Federal match. This match is to be divided three ways amongst the three NRDs that make up the Lower Platte River Corridor Alliance. The expected cost to each of the three NRDs to complete this very beneficial project would be \$5,741.67.

On behalf of the Corridor Alliance, I would ask that you share this with the appropriate committee and/or your Board at your upcoming meeting so that we know we have the funding to move forward. Although the representatives in attendance at the quarterly meeting gave direction to move forward, I want to make sure everyone is on board. The LPS NRD Platte River Subcommittee plans to meet on Monday, December 5<sup>th</sup> at 5:30 to consider a recommendation on the grant agreement with NDEQ and the contract amendment with HDR. Our board will meet on Wednesday, December 14<sup>th</sup> at 2:00 p.m. to consider approval. I would like to have some direction by then.

Thank you.



David Potter  
**Assistant General Manager**  
Lower Platte South NRD  
3125 Portia St  
Lincoln, NE 68521

Office: 402-476-2729  
Mobile: 402-937-5545  
[www.lpsnrd.org](http://www.lpsnrd.org)  
[dpotter@lpsnrd.org](mailto:dpotter@lpsnrd.org)





Lower Platte River  
CORRIDOR ALLIANCE

LEAD. ORGANIZE. INSPIRE. The voice of the Lower Platte.

**QUARTERLY MEETING MINUTES**

**Tuesday, November 15th, 2016 - 10:00 a.m.**

**Papio-Missouri River NRD**

**8901 S. 154<sup>th</sup> St**

**Omaha, NE 68138**

1. Call to Order / Introductions: The meeting was called to order at 10:01 a.m.
2. Proof of Legal Notice/Publication: The meeting notice was published in the Omaha World Herald on November 2, 2016.
3. Adoption of Agenda: The agenda was approved by consensus.
4. Approval of LPRCA Minutes from August 9, 2016 Meeting: The minutes were approved by consensus.
5. LPRCA Coordinator Replacement Timeline – Paul Zillig, LPS NRD

The current status of the Corridor Alliance Coordinator was discussed. Meghan Sittler resigned at the end of September. Since that time David Potter, Assistant General Manager for Lower Platte South NRD, has stepped in to help coordinate a few current projects, distribute the Fall Newsletter, and plan the quarterly meeting. A concern of the Alliance is the funding for the Coordinator. The position is largely funded by the three member NRDs (Lower Platte South, Papio-Missouri River and Lower Platte North), however Lower Platte North has decided to be a non-paying member and has not budgeted for their 1/3 share. Without the share from the LPN NRD, only 2/3 of the Coordinator's position is available for the year. Without a coordinator, the work and coordination of the Alliance is in question. The plan is to continue working to find funding and a coordinator replacement.

6. Water Quality Management Plan

- Requirements and Update on Plan—Carla McCullough and Laura Johnson, NDEQ

McCullough commented that there are many management plans being done throughout the state. The draft plan for the Lower Platte River Corridor Alliance was completed but needed some

additional information and emphasis on *E. coli*. This is a required addition according to NDEQ and the EPA. All management plans must address the nine elements. In recognizing the needed amendment/requirement, NDEQ will award an additional \$15,000 grant. The original grant has been closed out.

- Update and 3<sup>rd</sup> Amendment – Matt Pillard, HDR

Pillard gave a brief history of the draft management plan. The original contract dates back to February 2013. The draft plan was finalized in October of 2014. Based on the needed NDEQ and EPA changes, HDR has prepared a 3<sup>rd</sup> amendment to the management plan. The proposed scope of services addresses the methodology for identification of *E. coli* contributions and reductions, performing the calculations to determine the contributions and reduction potential, and reformulating the plans, goals and objectives, priorities, and the change in focus to *E. coli*, and also includes document reorganization. The Alliance has received the proposed amendment for consideration. The total fee will be \$34,451. It was agreed by those LPRCA representatives present that coordination should be made with NDEQ for the grant and for the Alliance to enter into contract with HDR for Supplemental (Amendment) No. 3.

- Benefits and Potential 319 Projects – Matt Pillard, HDR

There are various projects possible with the plan in place. These projects would now be potentially qualified for 319 funds. NDEQ also indicated that a huge benefit was that the plan is being done by a collaborative effort. The individual plans being done by the NRDs may utilize some of this plan but if projects along the corridor are proposed, the emphasis will likely be weighed more by a collaborative effort.

## 7. Lower Platte River Watershed Restoration Study

- April 13, 2016 Letter of Request – Paul Zillig, LPS NRD

A letter of intent had been submitted for the proposed Aquatic Ecosystem Restoration Comprehensive Study. The project had not yet been initiated and we were in the process of finalizing in-kind accounting and cost share. LPS NRD recently received word from the Army Corps of Engineers seeking our interest in proceeding. Lower Platte South on behalf of the Corridor Alliance responded with interest in starting in 2017 and the regional office has submitted the request to headquarters.

- Potential Benefits/Projects from Study – John Miyoshi, LPN NRD

There are many direct and indirect projects that could stem from this study. With such a study in place, opportunities for projects on tributaries up and down the Platte River Corridor may be eligible for funding. Many of these are located in Lower Platte North. A project such as the one on Deadman's Run in Lincoln could also be eligible.

## 8. Southern Sarpy County Watershed

- Southern Ridge Wastewater Treatment Study – Mark Wayne, Sarpy Co. & Leanne Zietlow, HDR  
Mark Wayne, Sarpy County Administrator, introduced the Wastewater Treatment Study and explained the history and intent of the project, the location, and cooperation with the communities within Sarpy County and the Papio-Missouri River NRD. Leanne then described the project in detail. The concern is with the development of Southern Sarpy County and where will the sewer go because of the ridgeline. The study has identified a number of needed temporary treatment facilities but ultimately locating a larger, main facility as an expanded Springfield treatment plant or locating a new one south of Springfield adjacent to Highway 50. The system will discharge into the Platte River. There was some concern about the discharge but both presenters indicated that NDEQ recommended the discharge of treated water into the river in order to keep water levels up during times of drought.

- Southern Sarpy Watershed Partnership (SSWP) – Marlin Petermann & Eric Williams, P-MR NRD  
Because of the potential development of Southern Sarpy County, the Papio-Missouri River NRD and partners have looked at the need to look at this entire area for drainage and flood control. Petermann and Williams walked through the Partnership project and what the intent and requirements will be for future development. The Partnership will be similar to the one developed for Papio Creek Watershed. Developers will need to detain water on their sites and be able to possibly coordinate with other developments for a more regional approach to drainage detention. Identification and location of these regional flood control structures will be important to the development of the area and flows into the tributaries and the Platte River.

## 9. ESRI Map Gallery (Going Live) – Matt Pillard, HDR

The geospatial data that has been collected and/or developed for or by LPRCA is currently housed on Map Maker on the LPN NRD server. This platform is no longer supported by ESRI, is antiquated, and does not allow for expansion into new technologies. The LPRCA decided to utilize ESRI's services to serve as the platform for sharing LPRCA data for viewing and creation of maps by users. The Corridor Alliance has a contract with ESRI and everything is ready to launch the map galleries which represent many of the LPRCA projects. The LPRCA representatives present gave the go-ahead for the Corridor Alliance to launch the gallery and make the connection available on the LPRCA website.

## 10. Platte Basin Timelapse Update – Mike Farrell

Farrell presented a series of short videos that described the Timelapse projects that were done on the river and those that they are currently working on. The videos provided a great visualization of

the ever-changing river. One interesting segment illustrated the changes and dynamics of the banks of the river. These images can assist in the maintenance, stabilization, enhancement and protection of the river and its resources. Other projects and education modules described were the Marsh Wren project, agriculture timelapse, and a segment on “the life of a snowflake”.

#### **11. Water Quality Monitoring Network and Sandbar Dynamics Study – Dave Rus and Matt Moser, USGS**

Dave gave an update and overview of the Monitoring Network and Matt discussed the Sandbar Study. These projects have been going on for several years. Rus also identified project benefits and gave insight into the future of the Water-Quality Monitoring Network moving forward. The sandbar project will assist with better understanding the availability of in channel habitat for terns and plovers as well as potentially assist with the permitting process. The sandbar project has completed about four years of surveys as well as water level data and time lapse camera imagery.

##### Water Quality Monitoring Network update

Objective: Provide real-time water quality data at four sites within the Corridor.

- The water quality equipment monitors the rivers continuously from March to October with the data being reported in near-real time to the web
- Parameters that are monitored include Water Temperature, Specific Conductance, Dissolved Oxygen, Nitrate (3 of 4 sites), and Turbidity
- Sites monitored include the Platte River near Louisville, Platte River near Leshara, Salt Creek near Ashland, and Elkhorn River near Waterloo (Shell Creek near Columbus is also monitored separately)
- Sampling for E. Coli and other selected nutrients
- Continuous prediction of various contaminants, like E. Coli, available in real-time

Benefits:

- Improves understanding of hydrology and water quality in the Lower Platte Corridor and can lead to more effective resource management
- Continuous nitrate data can serve as an early warning for drinking water utilities
- Useful to municipalities, resource managers, recreational users & fellow researchers
- Captures water-quality variation that traditional sampling misses
- Improves concentration and load estimates over traditional methods
- Better understanding of the incidences of potential contaminants and changes in overall water quality for the purposes of protecting public drinking water supplies, threatened & endangered species, and the overall health of the Lower Platte River.

Status:

- All monitoring has concluded for the 2016 field season. Monitors were removed in mid-October at the four sites
- This is the first year we have had nitrate monitors at multiple sites. Nitrate concentrations vary between the sites
- Current monitoring agreement continues through the 2018 field seasons

### Sandbar Dynamics Study update

Study Objective: To characterize the spatial and temporal variation in the height and area of sandbars in the Lower Platte River from the Loup River confluence to the mouth by evaluating:

- Sandbar erosion/survival rates over time and flow
- Sandbar height given a range of flows
- Locations/characteristics more conducive to sandbar formation

Benefits: Sandbar habitat is critical to the management of endangered species in the LPR

- If we know the 'natural' rate of sandbar erosion/survival, we can use that to quantitatively evaluate whether a construction project is having an impact on local sandbars
- If we know locations/characteristics that favor sandbars, we can use that to:
  - Better locate infrastructure projects; or
  - Better mitigate impacts from infrastructure projects by focusing restoration in other areas
- If we know expected sandbar heights given flows, we can manage flows to meet habitat goals, provided that we have the ability to manage flows.

Status:

- The sandbar erosion analyses are complete
- The height vs flow analyses are nearly complete, and is approaching a quantitative estimate of X inches of bar height for every Y cfs above a reference streamflow
- The identification of locations/characteristics conducive to sandbar formation has been hampered by the impact of the hydrocycling wave during the surveys, but is ongoing.
- The target date for the draft report is January 31, 2017.

### **12. Platte River Venture Parks Update – Matt Pillard, HDR**

Matt gave a very brief overview of the project and of HDR's involvement. The Venture Park program will be focused on Mahoney State Park, Platte River State Park, Louisville State Recreation Area, and Schramm State Recreation Area. The Venture Park project will be done in four phases. HDR and JEO are working with NGPC to prepare design documents for the Phase I projects. Included in the Phase I projects are three Platte River Access projects: 1)kayak/canoe launch on Decker Creek at Platte River State Park, 2)kayak/canoe launch at the existing access location near Schramm Park SRA, and 3)Airboat ramp at Louisville Lakes SRA.

### **13. Planning Retreat – David Potter, LPS NRD**

With the resignation of Meghan Sittler and questions about the future direction of the LPRCA, it was discussed and determined that the Alliance should plan for a "planning retreat" instead of a Summit and in place of the January quarterly meeting. The LPRCA Summit has been held every other year with

the last one being held at Camp Joy Holling in 2014. The 2016 Summit was actually being planned for Spring 2017. A Director's Workshop was held back in April 2014. Strategic planning workshops/meetings/surveys look to have been held in 2013, 2008, 2007, 2002 and 2001, however the only professionally facilitated "Strategic Planning Retreats" were held in 2009 at Camp Ashland and in 2005 at Camp Kitaki. It was suggested that an outside facilitator again be brought in to go through a planning/goal setting retreat workshop. It was also suggested that that a survey or questionnaire be sent out prior to the retreat. The Alliance will schedule a planning retreat in late February and look for a central location to have the half day or full day event. The retreat will fall on the 21<sup>st</sup> anniversary of the Lower Platte River Corridor Alliance.

**14. Next Quarterly Meeting Date:** The first quarterly meetings are usually in January at Lower Platte North NRD but with the decision to hold a planning retreat, it was decided to hold the quarterly meeting in conjunction with the retreat in February.

**15. Public Comment:** There was no additional public comment.

**16. Adjourn:** The meeting was adjourned at 12:48 a.m.

#### **NOTES**

- **To be removed from/ added to our mailing or e-mailing list,** please contact the LPRCA at (402) 476-2729 or via e-mail at [dpotter@lpsnrd.org](mailto:dpotter@lpsnrd.org).
- **Meeting information (past and present)** will be kept up to date at: [http://www.lowerplatte.org/what\\_we\\_do/quarterly\\_meetings.html](http://www.lowerplatte.org/what_we_do/quarterly_meetings.html)

**Lower Platte North NRD**

**Bills Pending**

**December 12, 2016**

<b>Vendor</b>	<b>Description</b>	<b>Amount</b>
Adam Hemmer	Flow Meter Cost-Share	770.00
Anna K. Gottschalk	Office Cleaning	405.00
Applied Connective Technologies	Shell Creek Grant	48.00
Banghart Diesel & Performance	Wiring Repairs	285.00
Bomgaars	Normal O & M / Equipment Upkeep	189.85
Bret C. Schomer	Personnel Meeting Expense	86.00
Bret C. Schomer	Cell Phone Reimbursement	35.00
Brian Loseke	Flow Meter Cost-Share	577.00
Bromm, Lindahl, ET AL	Legal - Lake Level	388.50
Bromm, Lindahl, ET AL	Legal - General Matters	1,803.40
Carroll Kallweit	Flow Meter Cost-Share	577.00
Charles Barjenbruch	Buffer Strip Payment	229.24
Christopher L. Poole	Cell Phone Reimbursement	30.00
Columbus Telegram	Legal Notices	41.80
Corner Market	Fuel Expense	712.87
Daryl Sander	Flow Meter Cost-Share	770.00
DAS State Acctg - Central Finance OCIO	Cell Phone/iPad Expense	511.41
David L Groteluschen	Flow Meter Cost-Share	770.00
David Olmer	Flow Meter Cost-Share	770.00
David Voboril	Tire Repair	90.25
David Voboril	2 New Tires and Mounting for '10 Chevy	364.36
Dayle Alswager	Flow Meter Cost-Share	2,117.00
Desirae TePoel	Cell Phone Reimbursement	20.00
DHHS-Credentialing Division	Water Well License - LA-EG-TB-BS	750.00
Double D Family Farms LLC	Flow Meter Cost-Share	770.00
Douglas E. Kapels	Flow Meter Cost-Share	770.00
Ed Luetkenhaus	Buffer Strip Payment	900.00
Ed Sladky	Wahoo Creek Cost-Share	3,300.00
EFTPS	11/18/16 - Payroll Taxes	10,010.85
EFTPS	12/2/16 - Payroll Taxes	9,688.08
Eisenmenger Brothers LLC	Flow Meter Cost-Share	770.00
Eldon Mohrmann	Flow Meter Cost-Share	770.00
Elk Creek Farm, Inc	Flow Meter Cost-Share	770.00
Eric Gottschalk	Cell Phone Reimbursement	45.00
FC Organizational Products LLC	Franklin Covey Refills	161.74
Fremont Tribune	Legal Notices	14.40
Gene B Loseke	Flow Meter Cost-Share	770.00
Gobbler Hill Rentals LLC	Flow Meter Cost-Share	1,540.00
Groundwater Management Act Coalition	Dues and Membership	1,500.00
Groundwater Management Districts Association	Registration 2 Directors/2 Staff	1,740.00
H&H Trucking	Rock for Czland/Wildlife View Prking Lot	1,576.64
HBE	Professional Service Accounting	19,400.00
Hoessel Farms Inc c/o Mark Hoessel	Flow Meter Cost-Share	770.00
In-Situ, Inc.	Repairs on Data Logger	1,433.00
J & J Unlimited PC	Flow Meter Cost-Share	770.00
James Barjenbruch	Buffer Strip Payment	341.77
James Mohrmann	Flow Meter Cost-Share	770.00
Jeffrey Fadschild	Flow Meter Cost-Share	3,080.00
JEO Consulting Group, Inc.	Dump Station	1,774.25
Jim Shanle	Buffer Strip Payment	247.00
Joe Birkel	Director Meeting Expense	86.00
Joe Eisenmenger	Flow Meter Cost-Share	770.00

**Lower Platte North NRD**

**Bills Pending**

**December 12, 2016**

Joel S. Schumacher	Flow Meter Cost-Share	770.00
John Miyoshi	Personnel Meeting Expense	16.19
Judith Olmer	Flow Meter Cost-Share	770.00
Keep Nebraska Beautiful	Dues and Membership	100.00
Kelly S. Bartek	Cell Phone Reimbursement	20.00
Kenney Property Services	Office Carpet Cleaning	750.00
Kent Frese	Flow Meter Cost-Share	770.00
Klug Farms Inc	Buffer Strip Payment	928.13
KTIC 840 Rural Radio	Radio Ads	180.00
Larry Angle	Personnel Meeting Expense	86.00
Laura M. Brandl	Flow Meter Cost-Share	1,540.00
Lavaine Gaskill	Buffer Strip Payment	155.38
Lee Fittje	Flow Meter Cost-Share	770.00
Leon Wemhoff	Flow Meter Cost-Share	770.00
Linda Osten	Flow Meter Cost-Share	770.00
LPNNRD Empolyees	12-2-16 Payroll	24,169.29
LPNNRD Empolyees	11-18-16 Payroll	25,041.35
Loseke/Stuart G Family Trust/Gale Tessoroff	Flow Meter Cost-Share	577.00
Louis Kavan	Abandon Well Cost-Share	639.91
Luther Bakenhus	Flow Meter Cost-Share	770.00
Luz Schafersman	Personnel Mileage Expense	120.96
Lyle G. Mohlman	Flow Meter Cost-Share	3,080.00
Marcella Wetgen	Flow Meter Cost-Share	1,540.00
Mark Dicke	Flow Meter Cost-Share	770.00
Mark Fittje	Flow Meter Cost-Share	770.00
Martin Marietta Materials	Czechland Shoreline Rock	1,207.66
Mary Jo Spicka-Lierman	Wahoo Creek Cost-Share	7,381.32
Mead Public Schools	Community Forestry Grant	1,000.00
Melvin Gehring	Flow Meter Cost-Share	770.00
Mid-American Benefits, Inc	Flex Spending	509.60
Midtown Amoco Inc	Fuel Expense	102.43
Mitchell O'Reilly	Cell Phone Reimbursement	40.00
Nadine Mohrman	Flow Meter Cost-Share	577.00
NARD Risk Pool Association	Employee Benefits	26,207.54
National Association of Conservation Districts	Dues and Membership	1,776.00
Nebraska Game & Parks Commission	Park Permit Sales	29.00
Nebraska Public Health Environmental Lab	Bruno Testing	15.00
Nebraska Public Health Environmental Lab	Colon Testing	15.00
Nebraska Public Health Environmental Lab	GWMP WQ Sampling	80.00
Nebraska Supreme Court	Reference Books and Subscriptions	137.50
North Bend Eagle	Legal Notices	14.11
Olsson Associates	IMP	879.84
One Call Concepts, Inc	One Call Expense	5.31
Otte Oil & Propane	Pathway Chemical	357.75
Platte Valley Equipment LLC	Tractor Rental	3,500.00
Quill.com	Office Supplies	88.94
Quill.com	Toner for Printer	89.99
Rita Schumacher	Flow Meter Cost-Share	770.00
River Road Land Inc	Buffer Strip Payment	2,784.37
Rixstine Recognition	Recognition Awards	184.65
Robert Hedges	Wahoo Creek Lands for Conservation	6,992.00
Robert Meduna Jr.	Director Meeting Expense	86.00
Rodney Julson	Buffer Strip Payment	5,197.50

**Lower Platte North NRD****Bills Pending****December 12, 2016**

Ronald Anderson	Buffer Strip Payment	759.93
Ronald D Brandl	Flow Meter Cost-Share	1,540.00
Ruth Bakenhus	Flow Meter Cost-Share	770.00
Sam Hellbusch	Flow Meter Cost-Share	770.00
Samson Inc	Flow Meter Cost-Share	770.00
Schuyler Cooperative Assn	Repairs on Grass Drill	490.65
Solution One	Maintenance Contract	119.13
St. Benedict Center	Rent Expense	50.00
St. John's Lutheran Church	Abandon Well Cost-Share	981.15
Summit Group Software	Professional Service Accounting	255.00
Summit Group Software	Professional Service Accounting	150.00
Sunnyhill Farms Inc	Flow Meter Cost-Share	3,080.00
Thomas A. Mountford	Meeting Expense Reimbursement	36.62
Thomas Sprunk	Buffer Strip Payment	3,465.00
Thompson Construction Inc.	Rawhide Creek Maintenance	11,360.00
Tim Sprunk	Flow Meter Cost-Share	770.00
TITAN MACHINERY	Bobcat Repairs	32.62
Troy R Thompson	Computer Consultant	375.00
Union Bank & Trust	Interest Expense	15,545.45
United Systems Technology, Inc	Colon/Bruno Software Support	99.85
USPS	Bulk Rate Fee	215.00
Wahoo Auto Parts	Auto and Truck Expense	92.75
Wahoo Bakery	Land Judging/I & E Mtg Expense	56.83
Wahoo Waverly Ashland Newspapers	Legal Notices	157.92
Water Strategies, LLC	Washington DC Expense	4,500.00
Wetgen Farms Inc. c/o Larry Wetgen	Flow Meter Cost-Share	577.00
<b>Grand Total</b>		<b>250,573.03</b>

# Lower Platte North NRD

## Consent Agenda

### December 12, 2016

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- 5. November Board Meeting Minutes
- 6.A.3.e. Use of NRD Logo
- 6.A.3.g. Groundwater Management and Protection Act Coalition
- 6.A.3.j. Meals at Board Meetings
- 6.A.6.b. Approval of Manager Time and Expenses
- 6.A.6.c. Union Bank Interest Payment
- 6.B.3.c. Wanahoo Lake Level Advisory Committee
- 6.B.3.d. Rawhide Ditch Repair Payment
- 6.B.3.e. Sand/Duck Dam 15 Boundary Survey
- 6.B.7.a. Colon Rural Water System
- 6.C.2.a.1.B Birkel Request Well Permit Application
- 6.C.2.a.5.B.1. Flow Meter Cost-Share Program
- 6.C.2.a.5.B.2. Flow Meter Cost-Share in SQS #2
- 6.C.3.a.2. Plugged Wells
- 6.C.4.a. USGS Stream Flow Gauging Sites
- 6.D.2.a. SWCS Application Approvals
- 6.D.2.b. SWCP Payments
- 6.D.2.d. Buffer Strip Payments
- 6.D.2.f. Wahoo Creek Grant Payments