

Regular Board of Directors Meeting  
Monday, November 9, 2015 6:00 PM  
Newman Grove High School  
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

6. Report of Standing Committees

6.A. Executive Committee - Action as Required

6.A.1. MEETINGS

6.A.1.a. Pending

6.A.1.a.1. November Board Meeting in Newman Grove

All directors are reminded that the November 9 board meeting will be held in Newman Grove at the High School. Director Seier has made arrangements as follows:

- 4:45 Begin serving dinner for students, LPNNRD board and staff members
- 5:00 Begin serving dinner for invited guests
- 5:30 Presentation by Newman Grove Science Students
- 6:00 LPNNRD board meeting begins (advertised time)

Mark is not sure of the number of people who may show up for the presentation and asks all directors to be present early to be sure to get dinner.

#### 6.A.1.a.2. League of Conservation Voters Summit

The Nebraska League of Conservation Voters 2015 Summit will highlight "Water Challenges and Solutions in Nebraska". The Summit will be held on December 7 at the Scott Conference Center located at Aksarben Village in Omaha.

Attached find information on the Summit that includes a very creditable list of speakers and an agenda that looks at all water uses in Nebraska. The program begins at 1:00 pm and concludes with networking at 7:45 pm.

The cost is \$40 for the full program or \$25 for a partial day if registered by October 31. Prices will go up for those registering after November 1, although the information does not say what the late registration fee is.

Please let Jill or John know if you wish to attend.

#### 6.A.1.a.3. NACD Annual Conference

The NACD Annual Conference is January 30 - February 3 in Reno Nevada.

#### 6.A.1.b. Reports

Attached find Mountford's NRD/NARD Benefits Committee and Intergovernmental Risk Management Control Meeting Minutes from the October 26th Meeting.

### 6.A.2. MANAGEMENT ITEMS

#### 6.A.2.a. Directors Absence

#### 6.A.2.b. Bob Weaver

##### 6.A.2.b.1. Monthly Conference Call and Update

The October Weaver Conference Call will be scheduled the first week of November.

##### 6.A.2.b.2. Monthly Bill

Attached find a copy of Weaver's October billing.

#### 6.A.2.c. Monthly Education Program

Prior to the start of our November 9th at Board Meeting we will hear from the Shell Creek students.

6.A.2.d. NACD Annual Dues

Our 2016 National Association of Conservation Districts dues statement is attached. For the past 10 plus years our dues have been \$1,775. This year there is a 69% increase to \$3,001. In the past NACD has requested districts to pay 1% of there budget as dues with a cap of \$1,775 (1% of our current budget is \$67,978).

With only 23 districts in Nebraska we have always been one of the lower contributing states to NACD.

6.A.2.e. Lausterer to Newman Grove

Jovan asked if there is any reason for him to make the trip to Newman Grove for our November Board Meeting? The only matter we see is Lickteig and the only response Jovan has received is that Register and Lickteig are reviewing Jovan's proposal.

6.A.2.f. Lickteig Property

Immediately following the last board meeting Lausterer forwarded a draft agreement to Richard Register. The only contact Jovan has received is that the agreement was received and is being reviewed. The night prior to Executive Committee Jovan received a list of suggested changes to the original draft. He will attempt to have a draft to present at the next Executive Committee Meeting.

6.A.2.g. HBE Bill

We have received our final bill from HBE for work completed on the Annual Audit.

Total Contract Price	\$20,780
Less Billed 8/14/15	<u>(\$15,855)</u>
Current Due Amount	\$5,195

6.A.3. EQUIPMENT

6.A.3.a. Computer Purchase

A new computer has been ordered with specifications attached. This is a laptop workstation for Schomer that is capable of running all of the ARC GIS products as well as Rock Works. This computer has a fast i7 quad processor, 16 gig of ram and 1 terabyte of solid state memory. Schomer and Poole will be receiving ARC Hydro training next week at Lower Loup NRD in Ord.

6.A.4. PERSONNEL

6.A.4.a. Accountant Position

As approved last month Cassi Deerson was hired to fill our vacant Accounting position. Cassi began work for the district on October 28 and lives with her husband near Mead. Please take time to meet Cassi and welcome her to the LPNNRD staff.

#### 6.A.4.b. Information and Education Specialist Position

We had 18 applications for our vacant Information and Education Specialist position. On Monday, November 2nd we will interview our top four candidates. We will bring forward a recommendation at our November 9 board meeting where a motion will be needed to approve filling the position.

The suggested motion is: "To approve hiring Desirae TePoel to fill our vacant Information and Education position at a starting salary of 93% of the mid-point".

#### 6.A.5. FINANCE

##### 6.A.5.a. Lake Wanahoo Payment on Note

We have received our quarterly Natural Resources Development Fund reimbursement in the amount of 112,470.65 for Sand Creek. The committee agreed that the payment could be made immediately following the Executive Committee Meeting.

##### 6.A.5.b. Renew Line of Credit

Our \$400,000 Line of Credit with Union Bank expires in November.

##### 6.A.5.c. Approval of Managers Time and Expense Sheets

##### 6.A.5.d. Accounts over 90 Days

The accounts receivable over 90 days is attached to the Executive Committee Meeting Minutes.

##### 6.A.5.e. Sinking Fund for Leave Balances

The district has three employees who could retire within the next 5 years that could leave the district with a large payment for leave balances. Discussion took place on planning ahead for this by starting a sinking fund for at the next budget cycle. Staff will prepare a spreadsheet with potential leave payouts for review at the next Executive Committee Meeting.

##### 6.A.5.f. August Financial Report

The August Financial Report has been completed by Cassi with assistance from Mike Almond and distributed to all directors. A suggested motion approve this report is; "To approve the August Financial Report as distributed to all board members".

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

##### 6.B.1. WILD NE/CREP REPORT

There are no CREP payments this month.

The tree removal contractor has not started at Homestead Lake.

##### 6.B.2. OPERATION & MAINTENANCE & OTHER ITEMS

#### 6.B.2.a. O & M Crew

The O & M Crew took down fence and removed debris from the face of Bellwood 3-B, removed all the trees along Hwy 109 on the Wanahoo SRA, finished a cut off road in the Wanahoo SRA RV camp grounds, sprayed problem areas of weeds and trees, painted the Board room. The crew at Lake Wanahoo have moved approximately 30 trees with the tree spade and watered many more.

#### 6.B.2.b. Bellwood 2-C Erosion Repair

Staff repaired some minor erosion issues on the abutment of Bellwood 2-C, but hired a local contractor, Ray Moore to repair a drain tile erosion issue above the west side of dam/lake. See attached photo's.

The invoice to repair this drain tile was \$470.

#### 6.B.2.c. Lower Platte Weed Management

Our District is in an inter-local agreement with Papio-Missouri and Lower Platte South NRD in helping control invasive plant species in the Platte River and its tributaries, organized through through the Lower Platte Weed Management Group. Our obligation is \$20,000 in which Papio-Missouri NRD has sent an invoice (attached).

#### 6.B.2.d. Equipment

Staff would like to advertise for sale the Districts Great Plains 15' flex wing mower. As we have budgeted a new shredder for next spring. Any advertising ideas or prices?

#### 6.B.2.e. Bellwood 3-B Renovation

Cuba Construction has started on repairing Bellwood 3-B. They have hauled the rock and have started shaping the face of the dam. See attached photo's.

#### 6.B.2.f. Fremont GI Study

A meeting was held Monday, October 8th between NDOR, COE and LPN NRD. Discussion was to coordinate efforts in regard to Hwy 30 Expressway alignment, elevation and hydraulic modeling in coordination with the design and alignment with the Fremont Levee.

A meeting also took place on Tuesday, October 27th between the COE and the Partners to discuss alignment. This was very beneficial not only to the Corps but also helped Dodge County and the City. The meeting detailed land use, other obstacles and new ideas. This information also assist the City and County when planning with NDOR.

#### 6.B.2.g. Czechland Camping Revenue

As of October 21st, camping revenue at Czechland Lake is at \$6,509.49.

#### 6.B.2.h. Wanahoo Hay - Darin Sutton

We have contacted Mr. Sutton numerous times. He last said he would inform the District of tonnage on Monday, October 19. We have not heard back from him since Friday, October 16.

General Manager Miyoshi will send Mr. Sutton a letter giving him a due date to make payment for the hay. If the date is not made a letter will come from legal counsel and legal action may occur.

#### 6.B.2.i. Conservation Tree Program

Bessey Nursery tree prices will be the same as the previous year .58 for 1-0 Hardwoods and .63 for 2-0 Conifers and Hardwoods. Other nurseries have raised their prices to generally .65 to .75. We may purchase as much as 8 - 10% of our inventory from out of state nurseries.

The District currently charges .75 for hand plants and \$1.35 to machine plant.

#### 6.B.3. ROCK AND JETTY

Doug Ritthaler has submitted an invoice of \$4,200. He did maintenance on jetties and bank armoring on the Platte River in Saunders County. The site was inspected on October 26.

#### 6.B.4. EROSION & SEDIMENT RULES & REGULATIONS

#### 6.B.5. INFORMATION AND EDUCATION

We are planning on interviewing 4 candidates for the Information and Education position on Monday, November 2nd.

##### 6.B.5.a. Information

##### 6.B.5.b. Education

##### 6.B.5.c. Computer

#### 6.B.6. RURAL WATER SYSTEMS

##### 6.B.6.a. Colon:

- Samples are being taken and meters are being read today.
- All Fire hydrants have been exercised and will continue to be on an annual basis.
- Working with Nelson Contracting locating and marking water lines for new sewer line
- Have been in touch with Jerry K (M.E. Collins) to place water line casing under Wanahoo entrance.
- Conducting Back-Flow inspections for system later this week.

##### 6.B.6.b. Bruno:

- Samples are being taken and meters are being read today.
- Met with Bob Byrkit for System Sanitary survey
- Inspected air relief sites on line

- updating Bruno System Emergency plan

6.B.6.c. Brainard:

- Meeting with Brainard Village Board and JEO 10-28-15 to discuss village options for their water supply.

6.C. Water Committee - Action as Required

6.C.1. REGULATORY

6.C.1.a. GROUND WATER MANAGEMENT AREA

6.C.1.a.1. Variance Request in the Hydrologically Connected Area (Limited Development Area)

Approval and denial letters have been sent to the applicants. One well permit application has been reviewed and approved.

Due to a tie score of 385 each between James Mick and Ronald Sladky, neither one of these was awarded new acres. Ronald Sladky has indicated he may apply for a transfer instead of a variance, therefore the new well and 150 acres could be awarded to James Mick.

6.C.1.a.2. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

All approval and denial letters have been sent to the applicants.

6.C.1.a.3. Variance Requests in the Restricted Development Areas

No new updates.

6.C.1.a.4. Well Permit Program

6.C.1.a.4.A. Well Permits Approved

Wells Permits Approved: 1

<b>Landowner</b>	<b>Number of Wells</b>	<b>Number of New Irrigated Acres</b>	<b>Type of Well</b>	<b>County</b>	<b>Subarea</b>
Irene Martischang	1	133	Irrigation	Platte	Platte Center

The total number of approved permits for 2015 is 37  
 Location of Approved Well Permits for 2015: Correct as of 10/28/2015

<b>County</b>	<b>Irrigation - New</b>	<b>Irrigation - Replacement</b>	<b>Stock</b>	<b>Commercial</b>	<b>Municipal</b>	<b>Other</b>	<b>Total</b>
<b>Butler</b>	1	2	1	0	0	0	4
<b>Colfax</b>	1	3	1	0	0	0	5
<b>Dodge</b>	3	3	0	0	0	0	6
<b>Boone</b>	1	2	0	0	0	0	3
<b>Madison</b>	0	0	0	0	0	0	0
<b>Platte</b>	4	2	1	0	0	0	7
<b>Saunders</b>	5	3	0	1	0	3	12
<b>Total</b>	15	15	3	1	0	3	37

6.C.1.a.4.B. University of Nebraska ARDC EW-18 Class 4 Well Permit Application

Matthew Wilson, of HydroGeoLogic, has submitted a Class 4 well permit for a new extraction well on the behalf of the University of Nebraska ARDC. The well will be drilled in the NE 1/4 of the SW 1/4 of Section 32-T14N-R9E in Saunders County (Todd Valley Subarea).

The application was reviewed by James Schneider of Olsson and Associates. He concluded that "the information provided in support of the well permit and specifically the groundwater model input parameters, the conclusions of the model are reasonable."

Attached:

- Section map of proposed site
- Olsson letter from James Schneider

6.C.1.a.5. Special Quantity Subareas

6.C.1.a.5.A. Butler - Saunders SQS (#1)

All 30 of the irrigation well sites have been visited by staff. Staff began collecting a fall water level measurement and reading the flow meter for the wells of this SQS

area last week. A letter was sent to these producers earlier this month reminding them that their flow meter readings are due in our office by November 2<sup>nd</sup> this year. Many of the irrigation wells in this SQS didn't even run this last summer. The LPNNRD needs to purchase equipment from McCrometer for our Flow Meter Maintenance Program (FMMP). Staff plan to start inspections of flow meters in this SQS over the winter and next spring. A price quote from McCrometer is attached, but the NRD will request extra grease and 2 sealing tools for total of \$4,686.13. Need motion to approve.

Discussion took place whether the NRD should be in the meter repair business even though the board had previously discussed this and decided to proceed with flow meter inspections and servicing. It was suggested to hire a contractor to preform this task and have the contractor from UBBNRD give a presentation at the next committee meeting.

To approve payment of \$4,686.13 to McCrometer for flow meter parts inventory, grease and sealing tools was moved by Johannes, but motion died for lack of a second.

#### 6.C.1.a.5.B. Platte - Colfax SQS (#2)

SQS operator certification classes will be held over the winter and early spring of next year. This SQS area is scheduled to start in 2016.

Allocation needs to be set by December 15th or the default rolling allocation amount of 27 acre inches in a three year period shall take affect.

Discussion took place by the members of the Water Committee and they will likely go with the default rolling allocation amount.

Staff is looking into submitting a grant request to the Water Sustainability Fund for cost share on flow meters for irrigation wells in the Platte-Colfax SQS area.

#### 6.C.1.a.6. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

Papio, LPS, and LPN NRD's met at Mahoney State Park on October 14, 2015 to discuss sub-basin issues concerning the LPRBC. The two other sub-basins (Loup and Elkhorn) have also met.

The next basin-wide meeting is scheduled for November 17th in Columbus NE at the Community College starting at 11:00 am. This is scheduled to be the last water banking workshop.

The next Technical Committee meeting is scheduled at LLNRD in Ord on December 1, 2015.

#### 6.C.1.a.7. Voluntary Integrated Water Management Plan - LENRD and LPNNRD

No new update.

#### 6.C.1.a.8. Cost Share Programs

#### 6.C.1.a.8.A. Irrigation Well Sample Kits

A total of 325 kits have been mailed out this year. Seven are still with the producer - Ben Klug (six) and Mark Horejsi (one). Five kits were requested the morning of the Water Committee (Oct. 28, 2016) and six kits were received in the mail. The results for 314 samples have been received from the lab and these have been mailed to the producers.

#### 6.C.1.a.8.B. Domestic Well Sample Kits

No domestic nitrate-nitrogen kits have been requested.

#### 6.C.1.a.9. Bellwood Phase 2 Area

2015 is the thirteenth year for this Phase 2 Area. Earlier this year this area was reduced from 32 sections to 21 sections - to be in compliance with **Section G Ground Water Quality Management Area - Phase Two Rule 1 Phase Two Criteria**.

<b>Year</b>	<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>
2004	0 to 25 ppm	46.3% (44 of 95)	8.4% (8 of 95)	45.3% (43 of 95)
2005	0 to 25 ppm	47% (44 of 94)	15% (14 of 94)	38% (36 of 94)
2006	0 to 24 ppm	41% (29 of 71)	14% (10 of 71)	45% (32 of 71)
2007	0 to 31 ppm	48% (48 of 100)	9% (9 of 100)	43% (43 of 100)
2008	0 to 28 ppm	53.75% (43 of 80)	7.5% (6 of 80)	38.75% (31 of 80)
2009	0 to 22 ppm	45.5% (41 of 90)	15.5% (14 of 90)	39% (35 of 90)
2010	0 to 35.7 ppm	48.65% (54 of 111)	11.71% (13 of 111)	39.64% (44 of 111)
2011	0 to 26.6 ppm	51% (56 of 110)	6% (7 of 110)	43% (47 of 110)
2012	0 to 28.9 ppm	57% (61 of 107)	9% (10 of 107)	34% (36 of 107)
2013	0 to 25.8 ppm	50% (53 of 107)	9% (10 of 107)	41% (44 of 107)
2014	0 to 22.3 ppm	51% (55 of 108)	13% (14 of 108)	36% (39 of 108)
<b>2015</b>	<b>0 to 32.3 ppm</b>	<b>43.5% (30 of 69)</b>	<b>7.2% (5 of 69)</b>	<b>49.3% (34 of 69)</b>

#### 6.C.1.a.10. Richland - Schuyler Phase 2 Area

2015 is the twelfth year of this Phase 2 Area. The 55 sections of this area went into a Phase 3 Area to be in compliance with **Section H Ground Water Quality Management Area - Phase Three Rule 1 Phase Three Criteria**, effective September 1, 2015.

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen greater than 10 ppm
2004	0 to 47 ppm	30% (42 of 139)	10% (14 of 139)	60% (83 of 139)
2005	0 to 120 ppm	31.3% (74 of 236)	10.2% (24 of 236)	58.5% (138 of 236)
2006	0 to 53 ppm	28% (50 of 181)	14% (26 of 181)	58% (105 of 181)
2007	0 to 99 ppm	32% (75 of 231)	10% (22 of 231)	58% (134 of 227)
2008	0 to 46 ppm	28% (53 of 190)	12% (23 of 190)	60% (114 of 190)
2009	0 to 57 ppm	33% (72 of 216)	6% (13 of 216)	61% (131 of 216)
2010	0 to 57.5 ppm	31% (70 of 229)	7% (15 of 229)	62% (142 of 229)
2011	0 to 65.8 ppm	28% (67 of 241)	9% (21 of 241)	63% (153 of 241)
2012	0 to 52.6 ppm	29% (70 of 241)	9% (21 of 241)	62% (150 of 241)
2013	0 to 94.0 ppm	25% (63 of 252)	9% (23 of 252)	66% (166 of 252)
2014	0 to 101.0 ppm	27% (68 of 251)	9% (22 of 251)	64% (161 of 251)
<b>2015</b>	<b>0 to 53.3 ppm</b>	<b>22.31% (52 of 233)</b>	<b>12.45% (29 of 233)</b>	<b>65.24% (152 of 233)</b>

Also on September 1, 2015, the ten sections immediately north of this area became a Phase 2 Area. These sections are: Township 18 North, Range 2 East, sections 31 to 36; Township 18 North, Range 3 East, sections 31 to 34. Though reports for the 2015 crop year aren't required these producers will need to have soil samples prior to their 2016 corn crop.

#### 6.C.1.a.11. LPNNRD Operator Certification

##### 6.C.1.a.11.A. LPNNRD Operator Certification Classes

No on-line test requests since the last committee meeting. A meeting will be set up with UNL County Extension Educators after the completion of Fall GWELs. The number of producers to certify in 2016 will be smaller; approximately 270. This will be the third year in our four year cycle were our number of people needing certification is usually the lowest.

#### 6.C.1.a.12. LPNNRD Acre Certification

Landowner Brach Johnson attend the Water Committee on October 28, 2015 with the same issue we have discussed twice before concerning his request for certified irrigated acres in the Platte - Colfax SQS area (please see attached document). The acres in question were granted irrigation permission in 2010 (this area was open to additional irrigated acres). The land was and remains in CRP. The acres were originally certified along with the adjoining 120 acres (to complete the circle), however no crop was ever planted and the tract was never irrigated. Since the land was not irrigated within two years of approval the acres were de-certified. Since this tract is in the SQS we would leave ourselves open to criticism (and potential legal action) if we would allow this tract to be irrigated when it has no irrigated history. Lausterer agrees that we should not allow this tract to be irrigated and related

similar circumstances in the Lower Elkhorn NRD where the district court upheld that LENRD's identical definition was legal and appropriate.

6.C.1.b. CHEMIGATION

For 2015 we currently have 521 chemigation permits in our District. With our rules update, all permits scheduled for inspection this year need to be approved by November 1 or the permit shall lapse. The previous deadline was December 31st.

6.C.1.c. LIVESTOCK WASTE PERMITS

The LPNNRD has received two livestock permit modifications from DEQ since the last Water Committee meeting.

<b>Name</b>	<b>Livestock</b>	<b>Type of Permit</b>	<b>Legal Description</b>	<b>County</b>
Arlynn Runge Livestock	Cattle	Modification of land application sites	Sections 17, 18, 19, 20, 27, 34, T18N, R1E	Platte
John Schwartz Schwartz Wilke Farms 32296 190th Street Sleepy Eye MN 56085	Swine 7,882 Head 2,937 A.U.	Expansion of existing operation	NE1/4, NW1/4, Section 12, T19N, R1E	Platte

John Schwartz operation has 7,282 head of swine over 55 pounds (2,913 A.U.) and 600 head of nursery pigs less than 55 pounds (24 A.U.).

6.C.2. GROUND WATER PROGRAMS

6.C.2.a. DECOMMISSIONED WELL PROGRAM

6.C.2.a.1. Well Estimates

One new well has been reviewed and approved by Gottschalk for decommissioning since the last Committee meeting.

<b>Well Owner</b>	<b>Type of Well</b>	<b>Cost Share Estimate</b>	<b>County</b>
Tom Kasik	Domestic	\$209.83	Colfax

#### 6.C.2.a.2. Plugged Wells

No wells have been plugged or ready for cost share payment approval this month.

#### 6.C.2.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

##### 6.C.2.b.1. Eastern Nebraska Water Resources Assessment (ENWRA)

LPNNRD is asking area NRD's if they are interested in pursuing a joint grant request to the Water Sustainability Fund for future AEM flights in their districts. LPN is interested in flying our special quantity subareas with ~300 to 1,000 meter grid spacing.

Since Committee meeting five NRDs have expressed interest in joining together to preform AEM flights and applying for WSF funding. The plan has FYRA Engineering prepare the applications that will be similar for each district. Attached is a contract to have FYRA prepare our application at a lump sum cost of \$4,000.

The recommended motion is: To approve and authorize the board chair to sigh the FYRA contract for preparation and submittal of the WSF grant application for AEM flights within our district as attached to the Water Committee Minutes at a cost of \$4,000.

##### 6.C.2.b.2. Tile Drain Study

A meeting was held with USGS on Friday October 30, 2015 to discuss the details of a potential study with USGS and the LENRD on tile drains in both Districts and their effect on stream flow and ground water levels. The proposal would be submitted to the Water Sustainability Fund in mid-December and would be a 4 year project. USGS would generate a map of tile drains in our District, soil type, land slope, subsurface drainage to streams, and percent of rainfall that is intercepted by these tile drains. To answer these detailed measurements, they propose to have 3 or 4 monitoring sites that would be instrumented for at least 2 years to measure flow rates and to start by July 2016. To answer the question on percent of rainfall intercepted by tile drains, USGS proposes using aerial infrared imagery after a 1 inch rain to determine the amount of water that is intercepted by tile drains. Estimated cost is \$125,000, but would be contingent on obtaining funding through the Water Sustainability Fund.

##### 6.C.2.b.3. LPNNRD Master Database

Jovan Lausterer has informed us that we do not need to go through the formal bidding process since we have received informal bids from three companies: GIS Workshop, Beehive, and Phoenix Group. We could accept the Phoenix Group bid if we state in the motion to waive our normal bidding procedures.

Phoenix Group bid and proposed contract is attached.

##### 6.C.2.b.4. Siting of LPNNRD Monitoring Wells

With all the new data becoming available (Olsson Water Inventory Study and ENWRA Flight lines), information for better siting of monitoring wells to study the bedrock (both quality and quantity) is becoming available. A grant request to the Water Sustainability Fund is being considered (motion is needed at board meeting if we wish to pursue a WSF grant).

#### 6.C.2.c. GROUND WATER ENERGY LEVELS

Staff began the collection of the Fall GWEL readings last week. Weather-permitting we should complete these readings before mid-November.

#### 6.C.2.d. FORMER ORDNANCE PLANT NEAR MEAD

The next meeting for the COE clean up operation at the Former Ordnance Plant near Mead is scheduled from 4:30 to 7:30 pm at the Yutan VFW hall on Wednesday November 19, 2015.

### 6.C.3. SURFACE WATER PROGRAMS

#### 6.C.3.a. USGS WATER QUALITY MONITORING ON SHELL CREEK

We have received an invoice from USGS for water quality monitoring on Shell Creek as part of our effort to curb dumping of livestock waste into the stream. The amount is \$5,250 and invoice is attached. This amount is billed to the LPNNRD on a quarterly basis and will be up for funding review in September of 2016.

### 6.C.4. OTHER

#### 6.C.4.a. GMDA ANNUAL CONFERENCE

Staff have been busy on mass mailings of fliers to different States, and developing sponsor's and presenter's packets for the upcoming GMDA Conference in Sacramento CA. The GMDA website has also been updated [www.gmdausa.org](http://www.gmdausa.org).

#### 6.C.4.b. COMMENTS FROM THE PUBLIC

Brach Johnson addressed the Water Committee on his irrigated acre request to the LPNNRD.

### 6.D. Projects Committee - Action as Required

#### 6.D.1. SWCP

Gottschalk reviewed the status of our SWCP funds as attached to the Projects Committee Minutes.

6.D.1.a. SWCP Application Approvals

**None**

6.D.1.b. SWCP Payments

**None**

6.D.1.c. SWCP Cancellations

**None**

6.D.1.d. Cottonwood Creek Payments

**None**

6.D.1.e. Sand/Duck Creek Approvals

**None**

6.D.1.f. Sand/Duck Cost Share Payment

**None**

6.D.1.g. Wahoo Creek Cost Share Approvals

**None**

6.D.1.h. Wahoo Creek - Lands for Conservation & Cost Share Payments

<b>Darrell Kubik</b>	<b>Lands for Cons. payment only (3 projects):</b>
<b>\$ 8,140.00</b>	<b>37 acres</b>
<b>Norm Lindgren</b>	<b>Lands for Cons. payment only:</b>
<b>\$ 3,938.00</b>	<b>17.9 acres</b>
<b>Arthur Lamprecht</b>	<b>Lands for Cons. payment only:</b>
<b>\$ 11,484.00</b>	<b>52.2 acres</b>
<b>Jerome Urban</b>	<b>Lands for Cons. and Construction</b>
<b>\$ 4,562.09</b>	<b>11 acres</b>
<b>Bob Furasek</b>	<b>Conservation payment (no LFC)</b>
<b><u>\$ 1,444.21</u></b>	
<b>\$ 29,568.30</b>	

6.D.1.i. Lands For Conservation (LFC) Update/Requests

The Lands For Conservation (LCF) has proved to be a successful program in the Wahoo Creek Watershed where we paid landowners in certain areas to plant wheat or oats on crop acres where terrace/tile outlet projects were to be constructed this past summer. This allowed a larger window for NRCS & contractors to get jobs completed. However, on a few projects some problems emerged that didn't allow the

projects to be completed within the established time-frame or other problems arose. Mark Walkenhorst and Jami Thoene, Saunders County NRCS, were present to review various situations which should all be completed within a reasonable time frame.

They also discussed a project completed by K.Y. Jurgens/Ann Crockett, where the landowners completed their project within all preamaters, but somehow the paperwork for LFC did not get signed. The landowner set-a-side 50 acres for their summer construction with the belief that they had the approval for the LFC as well. The Committee felt that this was a situation that was no direct fault of the landowner and the fact we have available funding for this LFC payment due to 56 acres of previous contract cancellations, we should approve this contract.

6.D.1.j. 2015 Nebraska Buffer Strip Payments

Attached is the current listing for 2015 Nebraska Buffer Strip payments.

6.D.2. WATERSHEDS

6.D.2.a. Shell Creek

6.D.2.a.1. Shell Creek Environmental Enhancement Plan (10-161-3) Grant Payments

We have been working with SCWIG to expend their old NET Grant (10-161-3) by the end of this year. We accepted the administration of this grant as the Praireland RC&D decided to disband and SCWIG became our advisory group. All invoices listed below will be reimbursed 100% from NET funds (as this grant has already provided the necessary local match). The committee is asked to review and recommend payment of the following invoices as listed and attached:

**Cover Crop Payments**

Donald Gasper	Cover Crop Payment - Platte County	\$2,850.00
Daniel Gehring	Cover Crop payment - Platte County:	\$1,501.00
Reed Goering	Cover Crop Payment - Platte County	\$ 806.00
Phillip Goering	Cover Crop Payment - Platte County	\$ 451.00
Laura Brandl	Cover Crop Payment - Platte County	
	\$1548.00 (Contract under Melvin Brandl)	
William Fischer	Cover Crop Payment - Platte County	\$1472.00
Jon Gehring	Cover Crop Payment - Platte County	\$3,200.00

**Other Shell Creek Invoices:**

Penne Screen Printing and Signs- Water Quality Team Shirts	\$153.42
Applied Connective Technologies - Website Hosting fee	\$48.00
Schieffer Signs- Watershed Signs	<u>\$6,338.00</u>

**GRAND TOTAL:**

**\$18,367.42**

6.D.2.a.2. Shell Creek Payment - Mark Mainelli

Attached is a \$6,456.08 invoice received from Mark Mainelli for engineering services performed for designing a bank stabilization in Colfax County as attached. We have approved an interlocal agreement with Colfax County to provide \$15,000 toward

engineering services to design this project. Colfax County is providing \$10,000 for this design. Our \$15,000 commitment will be reimbursed from Nebraska Environmental Trust funds.

There is \$8,543.92 remaining to be paid on our agreement.

#### 6.D.2.b. Wahoo Creek Watershed - Water Quality Plan (PIP) Phase I

No new update presented. New information, if any, will be presented at the November 9th Board Meeting.

#### 6.D.3. LOWER PLATTE RIVER CORRIDOR ALLIANCE

##### 6.D.3.a. LPRCA Monthly Report

Meghan will give a summary of her recent activities and review the very successful pier removal project near Two Rivers State Park.

##### 6.D.3.b. Payment on Project Invoices

Meghan will be present to review the attached invoice totaling \$58,046 for LPRCA project items as approved in our 2016 budget. The committee is asked for a recommendation to approve payment.

#### 6.D.4. OTHER

##### 6.D.4.a. Army COE 205 Projects

###### 6.D.4.a.1. Fremont 205

As reported to the I, E and RW committee, a meeting was held Monday, October 8th between NDOR, COE and LPN NRD. Discussion was to coordinate efforts in regard to Hwy 30 Expressway alignment, elevation and hydraulic modeling in coordination with the design and alignment with the Fremont Levee.

A meeting also took place on Tuesday, October 27th between the COE and the Partners to discuss alignment. This was very beneficial not only to the Corps but also helped Dodge County and the City. The meeting detailed land use, other obstacles and new ideas. This information also assist the City and County when planning with NDOR.

###### 6.D.4.a.2. Schuyler 205

The Army COE is working with contractor TCW to complete a few remaining landowner project needs, The primary contractor, TJC, have completed their required contracted work and have moved out of the area.

##### 6.D.4.b. Shell Creek Landowner Levee Project Update

No new information was presented.

##### 6.D.4.c. All Hazard Mitigation Plan Update- JEO Progress Report and Invoice

We have received an invoice and Progress Report from JEO on the Hazard Mitigation Plan Update as attached.

—	
Total Contract Amount	\$126,000.00
Billed to Date	\$88,949.30
Amount Due - This Invoice	\$2,543.80

#### 6.D.4.d. Review of Projects Financial Statement

#### 6.D.4.e. Off Site Water Table near Sand Creek Wetland

For three years we have received comments on impacts to neighbors next to the Sand Creek Wetland. Recently board members, staff and a tiling contractor visited the site with the feeling we should wait until after harvest and then hire a professional to make an independent assessment. This is likely not a large expenditure that would require bidding. The committee discussed how we wish to proceed.

#### 6.D.4.f. November 9th Board Meeting Schedule @ Newman Grove

As you know, the November 9th LPNNRD Board Meeting will be held at the Newman Grove High School. Mark Seir and his wife have been gracious to line up the meal for everyone. To ensure that there is enough food for the students and Directors before the general public is served. There may be enough food for everyone, but then again it depends on who all attends.

4:45 p.m. Dinner for Students, LPNNRD Directors & Staff (The general public will be served @ 5:00 p.m.)

5:30 p.m. Presentation from High School Students

6:00 p.m. LPNNRD Board Meeting

#### 6.D.4.g. Next Projects Committee Meeting Location/Time

Mat Bailey offered to host the next Projects Committee Meeting on December 3rd at his parents farm near Schuyler. Doing this will allow combining a tour of the Shell Creek Levee, the Kramer project and other potential project points of interest. The committee instructed staff to arrange this meeting with the Baileys.

#### 6.D.5. WESTERN SARPY/CLEAR CREEK LEVEE REPORT

Segment 4-B is complete and waiting for a final Army COE inspection.

Segment 5-B is mostly complete with the Army COE working with Big Sandy

Development to complete some additional work requested by the Developments (the Development's expense for completing this work is \$44,300). Items remaining on the punch list are fence corner resetting and Right of Way markers.

Meetings with Saunders County have been underway to discuss the Army COE's requirements to replace the project fuse plug on Camp Ashland property.

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.**