

Regular Board of Directors Meeting  
Monday, February 9, 2015 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

#### 6. Report of Standing Committees

##### 6.A. Executive Committee - Action as Required

###### 6.A.1. MEETINGS

###### 6.A.1.a. Pending - NARD Washington DC Conference

The NARD Annual Washington DC Conference is scheduled for March 21-25, 2015. Last month we authorized up to two Staff and two Directors attend this meeting.

###### 6.A.1.b. Director Retreat

The Director's Retreat is scheduled for February 11 beginning at 9:00 a.m. at the Benedictine Center north of Schuyler. Discussion should occur on agenda items.

###### 6.A.2. MANAGEMENT ITEMS

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

Attached find Director Ruzicka's and Veskerna's excuse of absence from the January Board Meeting.

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

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

The Weaver Monthly Conference Call will be held Wednesday, February 4th. Attached find Weavers Monthly Report.

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

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

Several suggestions have come forward for our monthly education program which include:

- Video from GMDA on the Arizona Central Valley Project
- LPRB Water Plan Update
- UNL SENSE Nitrogen Application Project

The Committee asked that all three educational programs be move ahead and take place prior to the board meeting either during or after the Public Hearings.

#### 6.A.2.d. CCEI Lawsuit

Briefs have been scheduled at the Appellate Court on Tuesday, February 10 beginning at 1:00 p.m.. Lausterer can give an update at board meeting.

#### 6.A.2.e. Bill Taylor Resignation

Attached find Bill Taylor's letter of resignation. A vacancy needs to be declared and Chair Hannah will need to appoint a Search Committee and Chair to bring forth a candidate at the March Board Meeting. In the past the committee make-up has been directors from the area of the vacancy, in this case Dodge County (Olson, Clausen, Pollard, Hagerbaumer, Saalfled and Ruzicka).

#### 6.A.2.f. Legislative Update

The final version of the legislative positions from the NARD Conference earlier this week have not yet been received. These will be forwarded to all directors when received.

#### 6.A.2.g. Thank You Note From Brooke Pieke

Attached find a thank you note from Brooke Pieke for the assistance and support she has received from LPNNRD.

#### 6.A.2.h. Thank You Note From Schuyler Mayor Dave Reinecke

Attached find a note from Schuyler Mayor Dave Reinecke thanking LPNNRD for our support of the Schuyler Levee Project and a special thanks to Mike Murren for his leadership and guidance on the project.

#### 6.A.2.i. Sand Creek Site 16 Landowner Concern

Dave Licktig purchased the NRD property that Sand Creek Site 16 is located on. He recently complained that he purchased the property believing that 100% of the lake was located on the 120 acre tract. We explained that all of the maps we have show that all but a small corner of the lake would be on the sold land and that the land was sold as is. Unfortunately the auction company that sold the property put on the sale bill that 100% of the lake would be on the tract. We have surveyed the property line and there is a small area within the pool of the lake that is on neighboring property. It also appears the contractor borrowed some soil from the west shoreline area which also places a small additional area in the pool onto the neighboring property. Miyoshi has asked Licktig to submit a formal written request on what he wants the NRD to do.

This is for information only and no action is required.

#### 6.A.2.j. Alliance River Obstruction Removal Project

The Alliance River Obstruction Removal Project has been on the books for years. There

has been permit changes and costs have tripled in price. We have also picked up additional funding partners but the project still is not underway. A group of board members have said that this project is the only negative problem they have with the Alliance and if we could get this project stopped they would fully support the Alliance activities. Miyoshi approached Meghan Sittler with this and she is very open to stopping the project if it that important to LPNNRD. Discussion by Executive Committee was that we should ask the Alliance to halt the River Obstruction Removal Project. Discussion at board meeting is needed.

### 6.A.3. EQUIPMENT

#### 6.A.3.a. Mic System for Board Room

Last month a request was made to look into a Microphone system for the board room. O&M Technician Mitch O'Reilly is looking into this and purchase of a speakerphone for the board room. Two companies will be in our office this afternoon to see what our needs are. A report should be ready by the next committee meeting.

We also have Thompson looking at allowing board members to participate in committee meetings remotely.

The Executive Committee also directed that we look at a projection screen option for the board meeting so the public can better follow the board meeting.

### 6.A.4. PERSONNEL

#### 6.A.4.a. Personnel Sub-Committee Meeting

During the Personnel Sub-Committee the overall staffing needs for the district was reviewed with three recommendation coming forward.

##### 6.A.4.a.1. Rural Water Manager Position

The Rural Water Manager position was reviewed. The best opportunity for the district is to fill the Rural Water position by promoting Gottschalk with the following responsibilities which will be put into a new job description. Rural Water District Management (20%), manage NRD community outreach to continue to assist small community water systems (30%), continue to manage NRD cost-share programs for conservation and water (50%).

##### 6.A.4.a.2. Water Technician/Operation & Maintenance

The Acre Certification position expires at the end of March. With the re-allocation of duties for the Rural Water Manager position we now have a void in the remaining duties. A hybrid position is needed to fill duties in the Water and O&M departments. The committee recognizes that on top of this position another position is needed in the Water Department. At this time the suggestion is to combine the

following duties into a hybrid position with the following responsibilities: Chemigation (40%), O&M Tech (40%), Acre Certification and Data Base Management (10%) and SQS responsibilities (10%).

#### 6.A.4.a.3. Salary Survey

The last time the district preformed a Salary Survey was 1999. There have been some board members who question our current methods and salary scale. After discussion the consensus was that it is time to take proposals on an updated Salary Survey.

### 6.A.5. FINANCE

#### 6.A.5.a. Approval of Financial Reports

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

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

Accounts Receivable were reviewed by the Executive Committee.

#### 6.A.5.d. NRDF Payment

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

#### 6.B.1. Election of 2015 Chair and Vice-Chair

The Floor was opened for nominations for O, E & RW Chair for 2015. McDermott nominated Ruzicka.

The Floor was opened for nominations for O, E & RW Vice-Chair for 2015. Gibney nominated McDermott.

#### 6.B.2. WILD NE/CREP REPORT

There are no current payments for CREP or WILD NE.

A Wild Nebraska grant proposal by the NE Game & Parks Commission to enhance the grassland area of 100 acres that we currently hay at Czechland Lake and keep it a viable wildlife management area is proposed. The Federal Aid grant would help eliminate invasive trees and renovate grasslands. The grant will assist at 75% cost-share, the estimated total cost currently is \$40,692 and will not exceed \$45,000. The District share would not exceed \$11,250. This contract is similar to the Homestead contract tentatively approved in September. The Czechland work would be accomplished in 2016/17.

Game and Parks still has to gain Federal Aid approval, when this happens we will then approve a 10 year contract to do the work.

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

The O & M crew has burned almost every tree pile at Wanahoo and Czechland Lakes. Also cut other volunteer trees on these locations. All equipment has been serviced.

#### 6.B.3.a. Equipment

Heimann has priced tree cutting attachments for the Bobcat. A Marshall Tree Saw runs between \$12,000 and \$13,500 depending on the model. A turbo saw priced around \$6,000. Information to consider for budgeting.

#### 6.B.3.b. Tractor Rental 2015

Heimann has contacted Platte Valley and Benes Implement in regard to renting tractors for the upcoming season.

#### 6.B.3.c. Czechland Lake Improvements

JEO is working with Sibbersen Excavating to obtain final documents and to set up a pre-construction meeting in early February. The contractor has stated that he would like to get started in February.

#### 6.B.3.d. Wanahoo SRA

The City of Wahoo's grant application to develop a hiking/biking trail from the city to Lake Wanahoo has been approved. The federal Recreational Trails Program (RTP) grant worth \$575,728 was approved through the NE Game & Parks Commission. The grant covers 80% of the cost, the estimated construction period is 2016. The NRD may be asked to contribute to the portion of the trail which crosses the face of Wanahoo dam.

#### 6.B.3.e. Wanahoo PATH Land Management

The land management team of Heimann, Luedtke (G & P) and Teeter (Pheasant Forever/NRCS) met on Jan. 14th to review the past years accomplishments and the needs for 2015 on the Wanahoo PATH Program Lands. Refer to land management map to understand the to do list.

Burn CS 1, 2 & 3, WD 2 & 3 west of creek, Hay CS 1, CR 1 & 2, WD 6, Kill Brome grass in CS 4 & 5, also cut large trees along creek, Disk WT 1,2,3,4 and 8 - 15, Spray trees w/ helicopter WT 6 & WD 5.

These are the major items that we will attempt to complete in 2015.

#### 6.B.3.f. Fremont 205 Feasibility Study

A meeting is scheduled with the Corps of Engineers and the partners of the Fremont 205

Feasibility Study on Thursday, February 12 from 1:00 - 2:30 at the Lower Platte North office. Information will be presented on the transformation from 205 Feasibility to General Investigation Study and the cost associated with the study and future design/construction cost.

#### 6.B.3.g. Ice Jam Monitoring

An ice jam occurred on the Platte River on January 5 and 6 approximately 2 miles south of Hwy 92. The jam is approximately 1.5 miles long, low land flooding is occurring. The tie off levee along Clear Creek that ties to Clear Creek Levee is in jeopardy. The contractor renovating the CC levee responded with his equipment and temporarily stopped or slowed the seepage to prevent levee failure. Papio NRD activated the explosive contractor for removal of the ice jam. The contractor is planning to be in place to begin blasting on Thursday. More info to come.

#### 6.B.4. ROCK AND JETTY

##### 6.B.4.a. Rock & Jetty

The North Bend levee was inspected and payment made. There are no other request at this time.

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

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

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

###### 6.B.6.a.1. Radio and eAds

We are running ads on certification classes and tree sales this month.

###### 6.B.6.a.2. Viaduct

An electronic issue of the Viaduct was sent the week of January 19 with information on the upcoming public hearings, the certification class schedule, and tree sales.

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

###### 6.B.6.b.1. Soil and Water Stewardship Week

Soil and Water Stewardship Week materials are now available from NACD for 2015. The theme this year is "Local Heroes - Your Hardworking Pollinators." We have \$2,000 budgeted to provide these materials to schools and churches in the district.

#### 6.B.6.b.2. Pheasants Forever Request

We were contacted by Pheasants Forever - Lower Platte Chapter to see if we would be interested in helping sponsor their 2015 banquet on March 27 in Ashland. The suggested donation is \$250.

#### 6.B.6.b.3. Shell Creek Scholarship Report

We received a transcript of Alex Wiese's grades (all As) for the first semester, per the requirement of our Shell Creek Scholarship.

#### 6.B.6.b.4. NGPC Great Park Pursuit

The Nebraska Game and Parks Commission is seeking sponsors for the 2015 "Great Park Pursuit" program. This program is a large-scale "scavenger hunt" for families, where participants search for markers at public recreation areas across the state. NARD is a sponsor and some individual NRDs are sponsors as well.

The sponsorship levels are listed in the attached Sponsorship Packet.

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

##### 6.B.6.c.1. App Updates

The updated NRD Rec and NRD Trees apps became available on the App Store the week after Christmas. A minor update to fix a bug in the Rec app was released last week.

##### 6.B.6.c.2. Presentation on Paperless Meetings

Thompson gave a presentation at the Administrative Staff meeting at the NARD Legislative Conference about LPN's switch to paperless meetings, and some of the issues and successes we've encountered.

##### 6.B.6.c.3. Antivirus Renewal

The district's network license for the Vipre antivirus/antimalware program was renewed for one year for \$270.

#### 6.B.6.d. Letterhead

We are running low on letterhead and need to order soon. Our last order was 10,000 sheets for \$1,384.

#### 6.B.7. RURAL WATER SYSTEMS

##### 6.B.7.a. Bruno/David City

Sampling and meter reading will be performed on January 29, sampling results should be

known by board meeting.

One new test site has been secured and will included in future testing schedule.

Staff has located water lines for one Diggers hotline request.

#### 6.B.7.b. Colon/Wahoo

Sampling and meter reading will be performed on January 29, sampling results should be known by board meeting.

Staff has located water lines for 3 Diggers hotline requests and assisted customers in determining and isolating continuous leaks.

#### 6.B.7.c. Brainard/Dwight

The Brainard/Dwight Study has been completed and was attached to last month's meeting agenda. We are currently awaiting a joint meeting between all involved parties to discuss and review the report.

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

#### 6.C.1. ELECTION OF CHAIRPERSON AND VICE CHAIRPERSON

#### **Election of Chairperson and Vice Chairperson for 2015**

<b>Year</b>	<b>Chairperson</b>	<b>Vice-Chairperson</b>
2014	Jim McDermott	Frank Pollard
2013	Jim McDermott	Frank Pollard
2012	Dave Saalfeld	Jim McDermott
2011	Dave Saalfeld	Jim McDermott

#### **Set day and time of Water Committee Meeting:**

The Water Committee generally meets on the last Wednesday of the month at 5:00 p.m.

#### 6.C.1.a. ELECTION OF CHAIRPERSON

#### 6.C.1.b. ELECTION OF VICE-CHAIRPERSON

#### 6.C.1.c. WATER COMMITTEE DAY AND TIME

The Water Committee members decided to leave the monthly committee meeting day as it currently is which is the Wednesday 12 days prior to board meeting beginning at 5:00 pm.

## 6.C.2. REGULATORY

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

A public meeting for the update of the LPNNRD GWMA Rules will be held on Friday February 6, 2015 at Ag. Park in Columbus starting at 1:30 pm.

A public hearing for an update of these same rules will be held on February 9, 2015 at the LPNNRD office starting at noon. This will be just before the February Board meeting.

#### 6.C.2.a.1. Irrigated Acres for 2015 in the HCA and NHCA

No Updates

#### 6.C.2.a.2. Variance Request in the Hydrologically Connected Area (Limited Development Area)

- One application has been received for 11 acres in the Morse Bluff Subarea.
- The district approved LPN-V-014-0387 last fall. This application was to irrigate six additional acres (Expanded Water Use) from G-068284 and its ranking score of 462.8 put it ninth on the approved list. Earlier this month the applicant, Dean Bell, inquired about changing this application to a New Well as the cost of burying underground pipe from G-068284 to the six acres would exceed the cost of drilling a new well. Oaklund sent a letter to Dean Bell regarding this inquiry (see attached). He was not present at the Water Committee meeting.

#### 6.C.2.a.2.A. Producer Request for Guidance

Staff spoke with a producer who has an application in the Fremont East subarea. He is looking at tiling his field, and wanted to know if the NRD would consider the 4" tile as subsurface drip.

The Committee discussed this issue but since the details were not known, no action was taken.

#### 6.C.2.a.2.B. Liberty Land and Livestock Variance Application

The LPNNRD Board of Directors have asked the Water Committee to review the previously approved variance application for Liberty Land and Livestock in S33-T18N-R6E in Dodge County. They had operated the end gun on one of their pivots in violation of previous instructions from the LPNNRD.

Chris Armstrong and Terry Kucera of Liberty Livestock were present at the meeting. They stated it was most likely a misunderstanding and as soon as they were informed to turn the end gun off, they did so. Because they had complied with our instructions they did not see the necessity to attend the August Board meeting.

6.C.2.a.3. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

No new applications have been received.

6.C.2.a.4. Variance Requests in the Restricted Development Areas

No new updates

6.C.2.a.5. Well Permit Program

6.C.2.a.5.A. Water Use Reports

The water use report database is currently being updated by staff, and the reporting forms should be sent out by the end of January. The deadline for returns needs to be pushed back a month to February 28th, 2015.

6.C.2.a.5.B. Well Permits Approved

Wells Permits Approved: 9

Landowner	Number of Wells	Number of New Irrigated Acres	Type of Well	County	Subarea
Amiel L Beranek Liv Rev Tr	1	100	Irrigation	Uplands	Morse Bluff
Noha Farms	1	65	Irrigation	Todd Valley	Todd Valley
William R Juranek	1	154	Irrigation	Uplands	David City
Paul Kettelson	1	0	Irrigation/Replacement	Shell Creek	Upper Shell Creek
Gary Mausbach	1	90	Irrigation	Shell Creek	Middle Shell Creek
Ralph Diffey	1	0	Irrigation/Supplemental	Platte Valley	North Bend
Gerald S Schofield	1	140	Irrigation	Todd Valley	Todd Valley
Gary Mausbach	1	95	Irrigation	Shell Creek	Middle Shell Creek
Grace A Stewart Family Tr	1	115	Irrigation	Shell Creek	Middle Shell Creek

Total number of approved permits for 2015 is 9

Location of Approved Well Permits for 2015: Correct as of 1/29/2015

<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	0	0	0	0	0	1
<b>Colfax</b>	0	0	0	0	0	0	0
<b>Dodge</b>	1	0	0	0	0	0	1
<b>Boone</b>	0	1	0	0	0	0	1
<b>Madison</b>	0	0	0	0	0	0	0
<b>Platte</b>	3	0	0	0	0	0	3
<b>Saunders</b>	3	0	0	0	0	0	3
<b>Total</b>	8	1	0	0	0	0	9

#### 6.C.2.a.5.C. Allan Shonka Supplemental Well Request

Allan Shonka has submitted an application for a new supplemental well in the SW 1/4 of the NW 1/4 in S3-T17N-R2E Colfax County. Mr. Shonka currently irrigates 245 acres from a well in the NE 1/4 of the same section. The 111 acres that the supplemental well will service was approved as an expansion variance in 2012 when applications were approved on a case by case basis. The new well and old well will

be tied together due to the underground already being present, but the new will only function as a backup for the other 134 acres.

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

##### 6.C.2.a.6.A. LPNNRD Flow Meter List and Requirements

Angle and Oaklund have talked to Great Plains Meter about proper meter installation and to UBBNRD about their flow meter maintenance program. Several points on proper meter installation are outlined on the LPNNRD approved flow meter list (see attached document). Also attached is information from McCrometer on proper installation.

##### 6.C.2.a.6.B. Cost Share Funding for Flow Meters

The LPNNRD did not receive funding from the NET for irrigation flow meters.

- Therefore, do we offer 50% cost-share on our own for meter purchase and/or installation or have producer pay 100% of the cost?

- Do we offer cost-share assistance on meter maintenance, such as the UBBNRD? See attached document on their program.

##### 6.C.2.a.6.C. LPNNRD SQS Operator Certification Classes

Two educational classes have been scheduled for producers in the Butler-Saunders SQS:

- Thursday, February 5, 2015, at 1:30 p.m. (afternoon)

- Tuesday, February 17, 2015, at 7:00 p.m. (evening)

Both classes will be held at Hruska Library in David City. Attendance will be required for all irrigators in this SQS.

The Lower Platte South NRD will hold a single class in Valparaiso for producers of their adjoining Quantity management area on Wednesday, February 25th, at 6:00 p.m. The requirements between the two District's are different enough that producers should attend the NRD class they specifically have irrigation in. In other words, attendance at one District meeting will not certify attendance in the other District.

#### 6.C.2.a.7. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

The latest LPRBC meeting was held on January 27, 2015 as part of the NARD Conference. Election for new Chairperson and Vice-chairperson of the Directors Committee was held and Bob Hilger will be the new Chairperson and Gary Loftis will be the new Vice-chairperson. Goals and Objectives were also discussed and this document is attached.

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

The next Stakeholders meeting is set for February 3, 2015 at 2:00 pm at the LPNNRD office.

Attached is an invoice from Olsson Associates for the NRD V-IMP program of \$11,262.01.

#### 6.C.2.a.9. Cost Share Programs

##### 6.C.2.a.9.A. Irrigation Well Sample Kits

No kits have been requested since the last committee meeting.

##### 6.C.2.a.9.B. Domestic Well Sample Kits

In the fall of 2014 the Postal Service changed its delivery by sending all mail to a “node” office. For those in the Phase 2 Areas these samples will go to the Norfolk facility, which causes the delivery to take longer than the 30-hour window for the Bacteria testing. Special deliver is possible but is rather cost prohibitive.

Question for the Committee do we still want to offer this program just for nitrates or drop the entire cost share for Domestic Well Sample kits? Of the two parameters tested, bacteria is probably more important than the nitrate sample.

Committee members asked staff to check on return mailing of the kits to area medical centers and have them delivered to the HHS lab in Lincoln.

#### 6.C.2.a.10. Bellwood Phase 2 Area

2014 Annual Fertilizer Application Reports have not yet been received from Osantowski Brothers or Steve Semin. 189 reports have been received for this area.

#### 6.C.2.a.11. Richland - Schuyler Phase 2 Area

2014 Annual Fertilizer Application Reports have not yet been received from Chris Dvorak or Galyn Moeller. 402 reports have been received for this area.

#### 6.C.2.a.12. LPNNRD Certification

There have been six on-line test requests since the last committee meeting. Four of these have completed the test and a certification card was mailed.

Cert #	Cert date	Name	Re-cert	Comments
6133	1/7/2015	Todd Taylor	No	first-time
6209	1/9/2015	Adam Bell	No	first-time
6210	1/16/2015	Michael Malena	Yes	
6267	1/20/2015	Thomas Osmera	No	first-time

**6.C.2.a.12.A. LPNNRD Operator Certification Classes**

Three of the eleven classes have been held.

Class	Date & time	Location	Attendance	First-time
# 1	Thursday, January 8th @ 2:45 p.m.(after Corn Expo)	Fremont - Christensen Field	75	17
# 2	Thursday, January 15th @ 1:30 p.m.	Columbus -Ag Park	56	6
# 3	Monday, January 26th @ 1:30 p.m.	ARDC - Mead	52	8
# 4	Wednesday, February 4th @ 9:30 a.m.	Schuyler - St Benedict Center		
# 5	Wednesday, February 4th @ 1:30 p.m.	Lindsay - Village Office		
# 6	Thursday, February 19th @ 1:30 p.m.	David City - Hruska Library		
# 7	Tuesday, February 24th @ 9:30 a.m.	Columbus - Pinnacle Bank		
# 8	Wednesday, March 4th @ 1:30 p.m.	Fremont - Extension Office		
# 9	Tuesday, March 24th @ 9:30 a.m.	David City - Hruska Library		
# 10	Thursday, March 26th @ 7:00 p.m.	ARDC - Mead		
# 11	Tuesday, March 31st @ 7:00 p.m.	Columbus - Ag Park		

The class schedule was mailed to about 500 producers.

#### 6.C.2.b. CHEMIGATION

Latest updates following DEQ comments and Board recommendations to the LPNNRD Chemigation rules have been made (see attached document). Our public hearing is scheduled for noon on February 9, 2015 just before the February Board meeting.

#### 6.C.2.c. LIVESTOCK WASTE PERMITS

No new livestock permit applications from DEQ since the last Water Committee meeting. However, we did receive two requests for transfers of operating permits.

Name	Livestock	Type of Permit	Legal Description	County
Schwartz Wilke Farms 32296 190th Street Sleepy Eye, MN	Swine	Transfer of Construction and Operating Permit	SE1/4, SE1/4, Section 1, T19N, R1E,	Platte

Schwartz Wilke Farms 32296 190th Street Sleepy Eye, MN	Swine	Transfer of Construction and Operating Permit	NE1/4, NW1/4, Section 12, T19N, R1E,	Platte
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### 6.C.3. GROUND WATER PROGRAMS

#### 6.C.3.a. DECOMMISSIONED WELL PROGRAM

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

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

Well Owner	Type of Well	Cost Share Estimate	County
David Deerson	2 Irrigation	\$1,508.50	Saunders
Chester Knuth Trust	2 Stock	\$412.00	Saunders

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

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

Well Owner	Type of Well	Cost Share Estimate	County
Bernard Hain	2 Stock	\$784.19	Butler

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

#### 6.C.3.b.1. Elkhorn Loup Model (ELM)

No new update.

#### 6.C.3.b.2. Eastern Nebraska Water Resources Assessment (ENWRA)

The last technical committee meeting was held on January 27, 2015 during the NARD conference. Agenda topics included:

- Preliminary results of the Fall 2014 AEM flights. Signal penetration is down to 1,500 ft.
- Spring 2015 AEM flights likely in March to April, which will include parts of LPNNRD.
- Along with the AEM flights some more test holes maybe necessary. Our test holes (some along these flight lines and others not) may not be drilled by CSD until June.
- ENWRA long range plan
- COE AEM flights of the Former Ordnance Plant near Mead.
- Water sampling of monitoring wells at the pilot sites.
- Recharge sites, they need more sites in eastern Nebraska.

ENWRA did not receive funding from NET for additional test holes as part of these AEM flightlines.

The Water Sustainability Fund rules, ranking criteria, guidelines will likely not be ready until 2016.

### 6.C.4. SURFACE WATER PROGRAMS

#### 6.C.4.a. USGS WATER QUALITY MONITORING ON SHELL CREEK

We have received an invoice from USGS for the continuous water quality monitoring station on Shell Creek north of Columbus for \$5,250 (invoice is attached). Need motion to approve payment

### 6.C.5. OTHER

#### 6.C.5.a. UNL Project SENSE

University personnel addressed the Water Committee about Project SENSE. They are looking for five NRD's to have four sites within each district to test new technology that would use sensors to detect if the chlorophyll in the crop was deficient or not. These sensors would be mounted on a Hi-Boy and if the crop was nitrogen deficient the Hi-Boy would automatically apply the extra nitrogen needed. Estimate cost is \$26,500 each year for three years of the project.

Committee members felt this would be one method to address the increasing nitrate-nitrogen levels in the Richland-Schuyler Phase 2 area.

#### 6.C.5.b. GMDA ANNUAL CONFERENCE

- The last annual conference was held in Scottsdale AZ on January 6-8, 2015. Focus of the conference was on the Central Arizona Project which delivers Colorado River water to the central part of the State. Water is used for agriculture, industry and municipal including the cities of Phoenix and its many suburbs, down to Tucson AZ.
- Kansas is giving serious consideration of using Missouri River water to replenish the depleted water supplies in western Kansas.
- The Summer Session will be held in Coeur d'Alene Idaho, which is near Spokane WA. The meeting will be held in early June.
- The next annual conference will be held in Sacramento CA in early January 2016.

#### 6.C.5.c. COMMENTS FROM THE PUBLIC

Comments were received from:

- Terry Kucera and Steve Arneal of Liberty Livestock
- Allan Shonka about his supplemental well
- University personnel about the SENSE program
- Simon Rock from HDR concerning the LPRBC

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

##### 6.D.1. Projects Committee Chair & Vice Chair Appointments

The Projects committee voted Matt Bailey as Chair and Bob Clausen as Vice-Chair.

##### 6.D.2. SWCP

###### 6.D.2.a. SWCP Policy Review

The committee had much discussion on various topics related to our Soil & Water Conservation Program (SWCP) and was asked to review the attached policy and bring suggestions for change at the February 26 and April 2 Projects Committee meetings.

###### 6.D.2.b. SWCP Application Approvals

No applications presented.

###### 6.D.2.c. SWCP Payments

The following SWCP payments are presented for consideration:

ACTUAL

APPROVED

14-S-8	Lawrence Styskal	Flow Meter	\$ 625.00	\$ 625.00
14-P-31	Warren Janssen	Flow Meter x2	\$ 1,250.00	
			\$ 1,110.00	
14-S-39	Robert Lubker	Flow Meter x2	\$ 1,250.00	\$
			1,250.00	
14-P-52	James Christensen	Flow Meter	\$ 625.00	
			\$ 625.00	

#### 6.D.2.d. SWCP Cancellations

No cancellations presented.

#### 6.D.2.e. Cottonwood Creek Payments

None presented.

#### 6.D.2.f. Sand/Duck Creek Approvals

None presented.

#### 6.D.2.g. Sand/Duck Cost Share Payment

None presented.

#### 6.D.2.h. Wahoo Creek Cost Share Approvals

None presented.

### 6.D.3. WATERSHEDS

#### 6.D.3.a. Shell Creek - Watershed Plan

While NDEQ is still reviewing the Shell Creek plan for any final changes, we have learned that the Nebraska Environmental Trust has preliminary approved a \$155,000 grant for use in the Shell Creek Watershed. ET's final approval will occur in early April. In the meantime, staff is planing to meet with NDEQ in February to discuss how to best use their approved \$50,000 and the anticipated \$155,000 of ET funds.

#### 6.D.3.b. Wahoo Creek Watershed - Water Quality Plan (PIP) Phase I

On January 22, Gottschalk and Mountford accompanied JEO staff as they began their onsite evaluation of Dunlap Creek. Their plan is to walk the entire creek, documenting problems and potential grade control solutions. It is anticipated that an invoice from JEO will be received and presented at the February 9 Board Meeting for payment approval.

### 6.D.4. LOWER PLATTE RIVER CORRIDOR ALLIANCE

The Committee had a long discussion on the role of the LPRCA and the importance of

LPNNRD Board Members to actively attend meetings and give direction on what emphasis and project areas they wish the Alliance to be involved with.

#### 6.D.4.a. LPRCA Monthly Report

No report was given at this time, but a written report may be attached by Board meeting.

#### 6.D.5. OTHER

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

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

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

Attached are Army COE Project Managers report on the present state of the Shell Creek Levee Construction at Schuyler. The COE has declared the levee substantially complete and should be completed by summer.

A meeting between the Corps of Engineers, Schuyler and LPNNRD is scheduled for February 12 beginning at 10:00 a.m. at the LPNNRD office in Wahoo. Directors are encouraged to attend. (The Fremont 205 Project will be reviewed that same afternoon at 1:00 p.m.)

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

##### 6.D.5.c. All Hazard Mitigation Plan Update- JEO Progress Report and Invoice

JEO HMP Project Manager Jeff Hensen was present to give an update and reviewed the attached list of potential HMP projects. The list included three potential areas that LPNNRD might pursue in addition to three communities that listed projects that they may wish to pursue. Colon, Woodcliff and Dwight identified projects that they may wish to have JEO complete more detailed analysis for potential FEMA assistance. We have approved grant funding that can assist these communities with 75% of the analysis costs.

##### 6.D.5.d. GPS Survey Equipment Repair

In 2008, LPNNRD partnered with the NRCS and SCWIG to purchase GPS Survey Equipment to aid with the efficient survey and layout of conservation practices in the field. The NRCS paid 50% (\$35,443.35) of the initial cost and LPNNRD and SCWIG equally shared the other 50%, or \$17,721.67 each (see attached agreement).

Unfortunately, the unit has developed problems is in need of repair to be functional once again. The NRCS has offered to provide 50% of the required repairs estimated between \$6,107 and \$11,356 for fixing the unit as attached. Mark Walkenhorst and Ken Kotera

were present to review this proposal options. It was determined that a a minimum, the GPS Board on the base needs replaced (\$5,711) and repair the two rovers (\$198 each) for a grand total of \$6,107. This unit has reduced an estimated \$50,000 of needed man hours expense over the past six years.

#### 6.D.5.e. Review of Projects Financial Statement

### 6.D.6. SAND CREEK ENVIRONMENTAL RESTORATION PROJECT REPORT

#### 6.D.6.a. Lake Wanahoo

No new information was presented.

#### 6.D.6.b. Upstream Structures - Update

No new information was presented.

### 6.D.7. WESTERN SARPY/CLEAR CREEK LEVEE REPORT

Manager Miyoshi updated the committee on the whirlwind of activity that occurred this week in regard to ice jams and resulting flooding on the Platte River. A vulnerable portion of the Clear Creek cut off levee at the extreme north end was in danger of breaching. So far this has been avoided due to the diligent work by our hired contractor, who worked around the clock to stabilize the levee where water seepage was occurring. Fortunately, the ice jam broke up and passed just prior to the start of dynamiting. Clark Construction was activated and had a back-hoe at the fuse plug to begin work if the levee failed. (A bill will be forth coming.) Mike Murren and Bob Heimann were on the ground to assist with the emergency situation. The Clear Creek Levee portion of the project (on the Saunders County side) is scheduled to be completed by September 30 this year.

## 7. Additional Action Items

### 7.A. Czechland Lake Shoreline Improvement - Payment to JEO

JEO Engineering has submitted an invoice of \$3,000 for services on the Czechland Lake Shoreline Improvements. The total contract agreement for engineer services on this project is \$15,000.

### 7.B. Czechland Lake Wooden Docks

The two docks at Czehcland Lake that were located at the boat ramp sold for \$1,200 in 2013. We would like to sell the remaining six docks, which have wooden railings.

### 7.C. Miyoshi to Washington DC

Bob Weaver has scheduled meetings for the Lower Platte NRD Managers (Winkler, Johnson and Miyoshi) on March 11. Meetings are being scheduled with our delegation and/or staff and the Corps of Engineers to discuss funding needs for the F.Y. 16 budget. This will be an early flight in and return the same evening.

7.D. SWCP Payments

Approved	Actual		
14-S-14 \$625.00	G&B Farms-Gene Heinen	Flow Meter	\$625.00
14-B-46 \$555.00	Gary Vandenberg	Flow Meter	\$625.00

7.E. Hazard Mitigation Payment to JEO

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 LPNRRD office and may be changed up to 24 hours prior to the meeting as scheduled.**