

Regular Board of Directors Meeting
Monday, January 11, 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

Dave Sands, Executive Director of the Nebraska Land Trust will give a program focusing on work accomplished in the Lower Platte.

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. NARD Legislative Conference

The NARD Legislative Conference is scheduled for January 27 and 28. Attached find registration information.

6.A.2. MANAGEMENT ITEMS

6.A.2.a. Directors Absence

Attached find Saalfeld's Excuse of Absence from the December Board Meeting. No action is necessary.

6.A.2.b. Bob Weaver

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

The monthly Weaver Conference Call was held January 7th. Attached find Weaver's Monthly Report.

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

6.A.2.c. Monthly Education Program

Dave Sands, Executive Director of the Nebraska Land Trust will give a program focusing on work accomplished in the Lower Platte.

6.A.2.d. Election Certification

Attached find a memo on Election Filing for 2016. Directors who wish to seek re-election must file by February 16, 2016 with all others filing by March 1, 2016.

6.A.2.e. Mileage Rate Change

The IRS is adjusting the federal mileage rate from \$.575 per mile to \$.54 per mile effective January 1, 2016. Following policy the LPNNRD rate will follow the IRS rate change.

6.A.2.f. Director's Retreat

Last month we viewed potential topics for Director's Retreat that is scheduled for February 10. Attached find a potential list of topics to help us set the final agenda.

6.A.2.g. Election of 2016 LPNNRD Officers

Election for our 2016 officers will take place at the January 11 Board Meeting. The Nominating Committee (Chair Hilger) will nominate at least one candidate for each of our four elected positions with nominations also being accepted from the floor. All current officers are eligible for an additional term.

6.A.2.h. Lickteig Property

An update will be given on the Lickteig property.

6.A.2.i. Compensated Absences Payable

Last month information was requested on the compensated absence liability the district is carrying. This number is reported each year in our annual audit, a copy is attached. What this shows is that if all employees terminated employment on June 30, 2015 our payout would have been \$218,056.

6.A.3. EQUIPMENT

6.A.3.a. Director iPads

We have been using the meeting software and iPads for 16 board meetings. We still have six directors who are using their own computers instead of the district owned iPads at a cost to the district of \$50 per month per computer. The directors who continue to use their own computers goes back prior to us using iPads with the reimbursement to cover the initial cost of the computer. Discussion took place if we should require all directors to use district provided iPads and stop the \$50 reimbursement.

6.A.4. PERSONNEL

6.A.4.a. Mitch O'Reilly

O & M Technician Mitch O'Reilly broke his femur on December 26 in an accident while at home. The recovery time is three to four months. His leave balances are at 47 hours. Discussion can occur on several issues concerning his time away from the job. If the board wishes to discuss any details it is suggested that we go into "Closed Session".

6.A.5. FINANCE

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

The October Financial Statements will be emailed to all directors. A motion will be needed at Board Meeting to approve the October Financial Statement.

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

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

6.A.5.d. Quarterly NRDF Payment

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

6.B.1. WILD NE/CREP REPORT

Nothing to report

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

The O & M crew cut more volunteer tree areas that were not in the contract for tree removal at Homestead Lake. Had to repair a bearing problem on the dump trailer.

6.B.2.a. Grass Drill Platte County

Mueller Sod Farm sent a grass drill revenue check for \$302.50.

Gary Mueller is requesting to opt out of renting the District grass drill. He will help locate a new provider in the Platte County area. John Hannah suggested contacting Rosendahl Seed & Feed. Heimann has contacted Stan Rosendahl, he is reviewing the grass drill agreement.

6.B.2.b. 15' Bat Wing Mower

Staff sold the District's 15' Great Plains mower for \$3,750.

The John Deere mower was purchased from Platte Valley as approved by the board last month.

6.B.2.c. Fremont 205 Study

The City of Fremont has been in discussion with NDOR about the differences in the hydraulic modeling between the COE and NDOR. The Corps has had discussion with NDOR about their preliminary road design. A meeting is being organized by the City and the Corps in which NDOR will be invited along with all partners.

Heimann is also working on In-kind services the District has tallied the past 3 years.

6.B.2.d. Wanahoo Hay Payment

To date the District has not received payment or heard from Daren Sutton for the hay harvested from the Wanahoo property. The District's legal counsel has not heard from Mr. Sutton either.

6.B.2.e. Wanahoo SRA Improvements

Heimann with the help of Mountford is applying for grant funds from the Kiewit Foundation. The due date is January 15 and the amount we are asking is \$40,000.

The District is also obtaining information from JEO for a study assessment for locating and pricing a RV dump station and a fish cleaning station. Information was just received via email.

6.B.3. ROCK AND JETTY

A request for payment from the City of North Bend has been received for dirt work (\$3,080) and tree removal (\$2,920) from their levee for a total of \$6,000. They are requesting \$2,000 from Dodge County. The District can assist on the remaining \$4,000 at 50%.

We also received an invoice for payment from the Rerucha Brothers on day of Committee meeting. They lined the bank in a location where the first jetty in the series has washed out,

they are located in Butler County. The invoice is \$2,100, 50% from the District would be \$1,050. Staff would recommend paying this amount pending staff inspection.

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

6.B.5. INFORMATION AND EDUCATION

6.B.5.a. Information

6.B.5.a.1. Radio & eAds

Attached find the radio ads for January.

6.B.5.b. Education

6.B.5.b.1. Land Judging

TePoel attended a State Land Judging Meeting on December 23rd in Grand Island where they set the date for East Central Land Judging Contest which will be October 12th.

6.B.5.c. Computer

6.B.6. RURAL WATER SYSTEMS

6.B.6.a. Colon System

- December samples were taken and delivered to State lab.
- Meters will be read today and bills sent out.
- Two new hook-up inquiries for new homes. Grand View Estates and Browning Drive

6.B.6.b. Bruno System

- December samples were taken and delivered to State lab.
- Meters will be read today and bills sent out.

6.B.6.c. Other

6.C. Water Committee - Action as Required

6.C.1. REGULATORY

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

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

No new updates.

6.C.1.a.2. Variance Request in the Hydrologically Connected Area (Limited Development Area)

No new applications have been received. The District is awaiting new well applications on 6 approved variances for new wells. The dead line for well applications is January 10th 2016.

6.C.1.a.3. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

No new updates.

6.C.1.a.4. Variance Requests in the Restricted Development Areas

No new updates.

6.C.1.a.5. Well Permit Program

6.C.1.a.5.A. Well Permits Approved

Wells Permits Approved: 5

Landowner	Number of Wells	Number of New Irrigated Acres	Type of Well	County	Subarea
Robert Meduna Jr.	1	70	Irrigation	Saunders	Todd Valley
Ryan Tessendorf	1	135	Irrigation	Platte	Lower Shell Creek
Mark Miller	1	130	Irrigation	Madison	Upper Newman Grove
AM JJ Investments LLC	1	0	Irrigation/Supplemental	Colfax	Schuyler
Dean Novak	1	0	Irrigation/Supplemental	Colfax	Schuyler

The total number of approved permits for 2015 is 48
 Location of Approved Well Permits for 2015:
 Correct as of 12/29/2015

County	Irrigation - New	Irrigation - Replacement	Stock	Commercial	Municipal	Other	Total
Butler	2	2	1	0	0	0	5
Colfax	3	3	1	0	0	0	7
Dodge	3	3	0	0	0	0	6
Boone	1	2	0	0	0	0	3
Madison	2	0	0	0	0	0	2
Platte	7	2	1	0	0	0	10
Saunders	7	3	0	1	0	4	15
Total	25	15	3	1	0	4	48

6.C.1.a.5.B. John Sanderson Supplemental Well Application

John Sanderson has applied for a new well to supplement his irrigation in the SW 1/4 of Section 14-T16N-R7E in Saunders County, Todd Valley Subarea. Well G-035186 is currently running two pivots that irrigate 308 acres. The new well will irrigate 156 acres in the SW 1/4 of the section. Attached is a map of the section as well as a submitted test hole drilled by AWS.

6.C.1.a.6. Ron Sladky Acre Transfer Request

Ron Sladky is requesting a transfer of 80 certified irrigated acres from the Hydrologically Connected Area (HCA) to the Restricted Development Area (RDA). The existing well that will be used is in the HCA. This was discussed at the Board Meeting on December 14, 2015 and sent back to the Water Committee for further review. Ron Sladky attended to discuss the transfer.

The certified irrigated acres to be transferred are located in the following sections*:
-24.7 Acres in the NW 1/4 SW 1/4; and NW 1/4 of Section 15-T14N-R7E Saunders County, Weston Subarea
-32.9 Acres in the NW 1/4 NE 1/4 of Section 15-T14N-R7E Saunders County, Todd Valley Subarea

-22.4 Acres in the NW 1/4 NW 1/4 of Section 14-T14N-R7E Saunders County, Todd Valley Subarea (surface water)

*-Rose Colored on map

The 80 acres will be transferred to two fields in the following legal description**:

-22.1 Acres in the SW 1/4 NE 1/4 of Section 15-T14N-R7E Saunders County, Swedeburg Subarea

-57.9 Acres in the W 1/2 SE 1/4 of Section 15-T14N-R7E Saunders County, Swedeburg Subarea

** -Green Colored in map

The well that will be used (G-051467) is in the SE 1/4 NW 1/4 of Section 15-T14N-R7E Saunders County, Weston Subarea. The attached map shows the location of the above listed legal descriptions.

All of these acres are LPNNRD Certified as irrigated, meaning they met our requirements when certified.

Sladky was present at the committee meeting and stated that all of the acres in question had been irrigated and met our irrigation requirements.

6.C.1.a.7. Special Quantity Subareas

6.C.1.a.7.A. LPNNRD SQS Operator Certification Classes

SQS#2 Platte-Colfax area

Three informational classes have been set. Each of these classes will be held at Ag Park, Columbus:

1. Thursday, January 14, 2016, at 10:00 a.m. (prior to afternoon certification class)
2. Thursday, February 11, 2016, at 1:30 p.m.
3. Tuesday, March 29, 2016, at 3:00 p.m. (prior to evening certification class)

6.C.1.a.7.B. LPNNRD Approved Flow Meters

Staff have obtained information from McCrometer on their new Mag-meter. Full pipe flow is required with a minimum of three pipe diameters upstream and one pipe diameter downstream. Normal battery life is 3 to 5 years.

Still waiting on information from Lindsey Manufacturing.

6.C.1.a.8. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

The scheduled technical meeting for December has been delayed until January since this will be after the DNR has had time to finish their annual review of basin water appropriations.

6.C.1.a.9. Cost Share Programs

6.C.1.a.9.A. Irrigation Well Sample Kits

332 kits have been mailed out (seven of these in December). Eight water samples were collected in December; two of which were collected last week and taken to the lab. All results have been received and mailed to producers.

6.C.1.a.9.B. Cost Share for Flow Meters in SQS#2

Angle is working on a grant request to the Water Sustainability Fund (WSF) for a cost share program for irrigation well flow meters. This will be for wells in the Platte-Colfax SQS area. The application was due and submitted on Wednesday December 30, 2015.

6.C.1.a.10. 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 Criteria**. Three water samples were collected in December.

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

33 Fertilizer Reports for the 2015 crop year have been received. For the 2014 crop year 211 Fertilizer Reports were received.

6.C.1.a.11. 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. Five water samples were collected in December.

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

392 Fertilizer Reports for the 2015 crop year have been received. For the 2014 crop year 406 Fertilizer Reports were received.

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

6.C.1.a.12.A. LPNNRD Operator Certification Classes

Three on-line test requests have been received in December. Four tests were completed and a certification card was mailed to:

Cert #	Cert date	Name	Re-cert	Comments
6528	12/3/2015	Steve Callahan	Yes	
6529	12/7/2015	Beau Klug	Yes	
6530	12/11/2015	Carl Grotelueschen	Yes	
6531	12/29/2015	Bryan Kaspar	Yes	

Staff met with UNL County Extension Educators on November 23rd to work out the class schedule for 2016. Michael Rethwisch, UNL Extension Educator for Butler County, has had health issues. Since the last committee meeting Oaklund and Rethwisch have arranged for an additional meeting in March.
[the modified class schedule is attachment]

6.C.1.b. CHEMIGATION

No new updates.

6.C.1.c. LIVESTOCK WASTE PERMITS

The LPNNRD has received one livestock permit modification from DEQ since the last Water Committee meeting. The modification is four additional fields that will receive manure applications from the Janssen Nursery swine operation in Platte County.

6.C.2. GROUND WATER PROGRAMS

6.C.2.a. DECOMMISSIONED WELL PROGRAM

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

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

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

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

Well Owner	Type of Well	Cost Share Estimate	County
Tom Christopherson	5" Domestic	\$643.88	Saunders
Maynard Flamme	Irrigation	\$543.93	Dodge
Tom Kasik	Domestic	\$319.83	Colfax

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

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

Two grant requests are being submitted to the Water Sustainability Fund (WSF) from ENWRA. One deals with water quality sampling of the bedrock aquifers in eastern Nebraska and the other one will look at additional AEM flights. LPNNRD is looking to do additional flights in the Platte-Colfax SQS (top priority) and the Bulter-Saunders SQS area (secondary priority).

6.C.2.c. FORMER ORDNANCE PLANT NEAR MEAD

Received an invoice from Olsson Associates for their review of the ground water model that was submitted by the COE as part of their class 4 well permit request for a new

containment well. This was for the ground water cleanup at the Former Ordnance Plant near Mead (invoice is attached). Need motion to approve.

6.C.3. OTHER

Ron Sladky attended the Water Committee to discuss his transfer requests of acres.

6.C.3.a. GMDA ANNUAL CONFERENCE

GMDA annual conference is next week in Sacramento CA. Newspaper article in today's Omaha World Herald about subsidence in the San Joaquin Valley due to heavy ground water pumping.

6.C.3.b. COMMENTS FROM THE PUBLIC

6.D. Projects Committee - Action as Required

6.D.1. SWCP

6.D.1.a. SWCP Application Approvals

None

6.D.1.b. SWCP Payments

14-TR-2	Dayle Alswager	Terrace Repair	\$ 416.25
14-P-40	Jim Fehringer	W/S Basin & Tile	<u>\$</u>
<u>12,500.00</u>			

\$ 12,916.25

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 Payments

Richard Cherovsky	Terraces/Tile	10%	\$ 1,285.46
C&L Erickson LLC	Lands for Cons.		\$ 6,402.00
C&L Erickson LLC #2	Lands for Cons.		<u>\$ 7,867.20</u>

\$ 15,554.66

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

6.D.2. WATERSHEDS

6.D.2.a. Shell Creek Watershed

6.D.2.a.1. Shell Creek Grant Payments

Attached is a cover crop payment request to Ryan Siefken for \$788. Committee recommendation to make this payment is requested. It will be reimbursed 100% from NET grant funds.

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

No new information to report as this time.

6.D.3. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.3.a. LPRCA Monthly Report

No new information to report. Meghan will have a written report by Board Meeting.

6.D.4. OTHER

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

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

The City of Fremont has been in discussion with NDOR about the differences in the hydraulic modeling between the COE and NDOR. The Corps has had discussion with NDOR about their preliminary road design. A meeting is being organized by the City and the Corps in which NDOR will be invited along with all partners.

Heimann is also working on In-kind services the District has tallied the past 3 years.

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

TCW the contractor continues to work on Jedlicka culverts and ramps near QC Supply.

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

No new information at this time.

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

No new information to report.

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

6.D.4.e. Dennis Waak Dam Repair Assistance Request

Dennis and Karen Waak were present to discuss concerns about his private dam. Director Bailey presented some pictures to show the dam issues as attached, The vertical overflow tube is rusted through, causing the erosion. The concern is that the erosion will continue and ruin the horizontal drain tube as well. Their structure is close to the start of the Neiman ditch that goes along the north side of Schuyler and drains into it directly via county road ditches.

The Waak's have hired an engineer to evaluate the structure damage and repair and has contacted some contractors for the possible repair. After more details are available, the Waak's will return to the Projects Committee to discuss possible assistance for their project.

6.D.4.f. Off Site Water Table Problems near Sand Creek Wetland

As earlier reported, for three years we have received comments on impacts to neighbors next to the Sand Creek Wetland. The Board voted to move forward with obtaining proposals from professionals to make an independent assessment of damages and we have received two for committee review and potential recommendation to hire one. The committee reviewed the proposals and discussed obtaining more detailed information pertaining to the landowner acres and tiling costs that might be involved to remedy the situation.

After reviewing the two proposals the committee felt that we should return to our first approach to this problem and that is to meet with the individual landowners and ask what they felt it would take to make them whole, including the number of acres effected and the best solution. It appears that the cost to hire a consultant may approach 50% of the cost for a solution.

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

Segment 4B

A final inspection was held

Gates are fixed

Continue to monitor seeding establishment next spring

Segment 5

Gates still needed to be installed

All other work is complete

7. Additional Action Items

7.A. Shell Creek Grant Payment

Attached is a bill from Applied Connective Technologies for Shell Creek Domain Name and Web Hosting Service for \$72.95. It will be reimbursed 100% from DEQ grant funds.

7.B. Bellwood 3-B Payment

Attached find a bill in the amount of \$52,350 from Cuba Construction for work completed on Bellwood 3B Dam.

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.