

Regular Board of Directors Meeting
Monday, September 8, 2014 6:00 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

The NARD Fall Conference is scheduled for September 21-23 in Kearney. The following Directors are registered to attend: Hilger, Johannes, Kavan and Pieke.

6.A.1.b. Reports

6.A.1.b.1. SWCS Report

Attached find Mountford's SWCS Meeting Report from Lombard, IL.

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

Weaver's monthly report is attached to the Executive Committee Minutes. The monthly conference call was held on September 5th.

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

The August Weaver bill is attached to the Executive Committee Minutes. A motion to approve the monthly bill of \$3,300 is appropriate.

6.A.2.c. Monthly Education Program

Katie Camoron our ENWRA Coordinator will give a program on HEM (Helicopter Electromagnetic Mapping) and the planned flight lines for this fiscal year.

6.A.2.d. CCEI Lawsuit

6.A.2.e. NARD Fall Conference Resolutions

Attached find the NARD voting procedure and three resolutions that were submitted for discussion at Fall Conference.

6.A.2.f. Water Leaders Academy

Director Joe Birkel is interested in participating in the Nebraska Water Leaders Academy this next year. The cost is \$2,000. Director Saalfeld participated in 2013 and encourages others to attend.

6.A.2.g. Committee Meeting Dates and Board Retreat

Director Ruzicka has asked to review the Committee Meeting Dates for January/February and Director Retreat which is normally scheduled for February.

Suggested Dates:

Monday, December 29th	O-E-RW Committee	8:30 a.m.
Monday, December 29th	Water Committee	5:00 p.m.
Tuesday, December 30th	Projects Committee	8:30 a.m.
Tuesday, December 30th	Executive Committee	10:30 a.m.
Monday, January 12th	Board Meeting	1:30 p.m.
Thursday, January 29th	O-E-RW Committee	8:30 a.m.
Thursday, January 29th	Projects Committee	10:00 a.m.
Thursday, January 29th	Water Committee	5:00 p.m.
Friday, January 30th	Executive Committee	9:00 a.m.
Monday, February 9th	Board Meeting	1:30 p.m.
Wednesday, February 11th	Director Retreat	9:00 a.m.

6.A.3. EQUIPMENT

6.A.4. PERSONNEL

6.A.5. FINANCE

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

We will not have a Financial Report until after all adjustments are received from HBE.

HBE is planning on attending the October 3rd Executive Committee Meeting followed by the Audit Sub-Committee Meeting.

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

Attached find time and expense sheets from Manager Miyoshi. A motion to approve them is appropriate.

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

6.A.5.d. Setting F.Y. 2015 Tax Rate and Budget

Last month budgeted income was set at \$10,759,263 and our expenses at \$11,115,098. Below is a summary of where we are:

Budgeted Expenses	11,115,098	
Budgeted Income	10,759,263	
Reduction of Cash Reserve	355,835	
Valuation Increase	11.8%	
Property Tax Request	3,650,000	Reduction of 124,380 or -3.3%
Tax Rate	.046707	Reduction of 11.2%

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

6.B.1. WILD NE/CREP REPORT

6.B.1.a. Wild NE, WHIP, Contract Payments

No new payments.

6.B.1.b. CREP Payment(s)

No new payments.

6.B.1.c. New Contract(s)

No new contracts.

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

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

The O & M staff has been shredding at Homestead, Czechland, Sand/Duck Creek 2,

Cotterell & Ames levees, and Rawhide Ditch. We are currently on Rawhide. We sprayed for *Sericea Lespedeza* with the tractor sprayer and backpack on the Wanahoo dam. Cut some larger volunteer trees before shredding.

6.B.2.b. Fremont 205 Feasibility Study

The District has not heard from the COE regarding any progress or the amount of funds needed to finish the study.

6.B.2.c. Wanahoo Recreation Area

Game & Parks staff will start transplanting trees with a tree spade after Labor Day. Reservations for camper pads are 100% full for the Labor Day weekend.

6.B.2.d. Lake Wanahoo, Czechland & Homestead Haying

Haying is completed at Homestead, Chuck Andell paid \$1,544 for 19.3 acres, at Czechland Dennis Prochaska paid \$2,573.55 for 33.25 acres. Mike Luben owes \$465.75 for 5.75 acres and Chris Meduda on the Wanahoo area is not finished.

6.B.2.e. Grass Drill Revenue

We received \$1,647.50 from Schuyler Coop for Drill Revenue. This payment reflects rental through August 4, 2014.

6.B.2.f. Wahoo Chapter Ducks Unlimited

The two portable duck blinds are currently being put together and will be located on Lake Wanahoo this weekend for the upcoming youth mentor hunting season.

6.B.2.g. PL 566 Dam Assessments

The NRCS conducted their assessments on Clear Creek 22-A and Bellwood 2-C on August 19th. Heimann & Mountford accompanied the NRCS on Clear Creek 22-A. A preliminary verbal report indicates no major issues with the structures, but it is uncertain regarding inundation downstream.

6.B.2.h. Homestead Lake Grassland Enhancement Grant

A Wild Nebraska grant proposal by the NE Game & Parks Commission to enhance the grassland areas at Homestead 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 \$15,116 and will not exceed \$30,000.

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. ROCK AND JETTY

6.B.3.a. Applications

6.B.3.b. Payment Request

There are no payment requests for bank stabilization.

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

6.B.5. INFORMATION AND EDUCATION

6.B.5.a. Information

6.B.5.a.1. KTIC Ads

This month we are running ads on the variance application deadline and the Lake Wanahoo detour.

6.B.5.a.2. eAds

This month we are running an ad notifying people of the upcoming detour at Lake Wanahoo.

6.B.5.a.3. Viaduct

The fall print edition of the *Viaduct* newsletter will go to papers in mid- to late September.

6.B.5.a.4. SCWIG Open House

An Open House will be held at the Platte Center Auditorium on Thursday, September 18, 5:30-7:30 to discuss the final “geomorphic assessment” report and its recommendations. A news release was sent to Nebraska Farmer and other local media, and a poster was developed to place in coffee shops, co-ops, etc.

6.B.5.b. Education

6.B.5.b.1. David City High School Water Quality Testing

We will be assisting David City High School classes with a water quality assessment in the David City Park. Students will collect and test samples and do a survey of aquatic life in the pond.

6.B.5.c. Computer

6.B.5.c.1. eMeeting

Our eMeeting training was held August 19, and the new system will be used for committee meetings and board meetings from now on.

The Directors Download page will remain active for documents & information unrelated to board meetings.

6.B.6. RURAL WATER SYSTEMS

6.B.6.a. Bruno / David City Rural Water System

Coliform samples will be taken on August 28th, sample results will be known by board meeting.

With recent storms, some erosion has occurred along the trench of the pipeline, staff will be working to fill these washouts in before winter. A pile of dirt at Homestead Lake will provide the soil needed for the work to be completed.

6.B.6.b. Colon / Wahoo Rural Water System

Coliform samples will be taken on August 28th, sample results will be known by board meeting.

Six Colon customers have been sent disconnection notices and staff will be visiting these people closer to the 10th of the month.

Staff shut water service off to a non-paying customer in Colon. Payment schedule has been discussed with customers but no payment has yet been received.

Mary Wirka has met the requirements to have her deposit returned back to her. Staff will return her \$100 deposit.

6.B.6.c. Cedar Bluffs

No new developments. Cedar Bluff is currently testing various pumping regiments to determine if it affects arsenic levels in water.

6.B.6.d. Brainard and Dwight

No new developments. Staff from the Village of Brainard and Dwight are currently testing irrigation wells to determine water quality in the area for possible development of a shared well field.

6.B.6.e. Other

- Staff has been working on a proposal to help Tim Bryson with some issues that the COE is currently having with work that has been done on his property.
- Staff is currently waiting for and extension to be granted on the 404 permit that was issued to Game and Parks Commission to complete work out at Czaechland lake. Without this permit, construction of the improvements can not begin.
- Staff has reviewed the Interlocal Agreement with Game and Parks Commission on the operation of Lake Wanahoo, revisions will be made once changes are agreed too.

6.B.7. Adjournment

6.C. Water Committee - Action as Required

6.C.1. REGULATORY

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

6.C.1.a.1. 2014 Well Interference Complaints

- One new well interference complaint from Section 14, T14N, R5E or 4 miles west of Weston. He didn't give his name or contact a well driller but said this is the second year in a row that he has had problems.
- Follow up on Bryan Rozic well interference complaint. Site visits were done on August 14th and August 21th. Photographs were taken on August 14th of the proposed new supplement well for David Carlson (Kent Langemeier tenant) in SW1/4, Section 34, T16N, R8E that was approved by the Board on April 14, 2014. Drill rig was in place but drilling didn't start until after August 15th. Letters were sent to area irrigation well owners on August 19, 2014 urging them to conserve water. Talked to Scott Subbert of Subbert Well & Septic Company and he said Mr. Rozic remaining option is to drill a new well and hope good quality water exists in a deeper formation. Mr Rozic was present at committee meeting and part of the discussion. He requested that the NRD cost-share on a replacement well for him which is estimated to cost \$12,000. Staff and committee members do not want to start a precedence by cost-sharing on replacement wells. Mr. Rozic plans to come to board meeting to make this request to the entire board.

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

- Non-hydrologically Connected Areas (white areas) made up 14.88% of the District before the SQS areas were declared. Now that the SQS areas are in

place the remaining Non-Hydrologically Connected Areas make up 6.0% of the District.

- Staff recommends that if additional irrigated acres are awarded that the top priority be given to corner systems and/or completing a circle if less than 20 to 25 acres.

6.C.1.a.3. Variance Request in the Hydrologically Connected Area (Limited Development Area)

- The district has received nine new applications for 180 acres in the Hydrologically Connected (Limited Development) Area since the last water committee meeting.
- The deadline for variance applications in the HCA is September 15, 2014. This information has been placed on our webpage.

6.C.1.a.4. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

- The deadline for variance applications in the NHCA was August 15, 2014.
- With the exclusion of the Special Quantity Subareas, the NHCA now makes up just 6% of the total District.
- Counting previous year's and this year's requests makes a total of 1,493.88 acres and these have been ranked (see attached spreadsheet). If acres are to be awarded, staff recommends top priority be given to corner units and completing a circle of less than 25 acres.

6.C.1.a.5. Variance Requests in the Restricted Development Areas

- No new variance requests.
- Variance requests for expanded irrigated acres from this area will be placed in the same category as its adjoining section, either HCA or NHCA.

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

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

Four new Well Permits have been approved:

Landowner	Number of Wells	Number of New	Type of Well	County	Subarea
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		Irrigated Acres				
BEG LLC	1	0	Replacement	Dodge	North Bend	
Lyman- Richey Corporation	1	0	Commercial	Dodge	Fremont	
CLW Valley Farm Holdings	1	0	Supplementa l	Dodge	Fremont	
Justin Taylor	1	0	Supplementa l	Dodge	North Bend	

The total number of approved permits for 2014 is 62.

Location of Approved Well Permits by County for 2014: Correct as of 8/27/2014

County	Irrigation		Stock	Commercial /Industrial	Municipal	Other	Total
	- new	Irrigation – replacement					
Butler	1	5	0	0	0	0	6
Colfax	1	2	0	0	0	0	3
Dodge	5	8	0	1	0	1	15
Boone	5	1	0	0	0	0	6
Madison	1	0	0	0	0	0	1
Platte	4	4	0	0	0	1	9
Saunders	12	7	0	0	0	3	22
Total	29	27	0	1	0	5	62

6.C.1.a.6.B. Supplemental Well Permit for Line Rider LLC

Line Rider LLC is requesting a supplemental well for their ground in the N $\frac{1}{2}$ of the NE $\frac{1}{4}$ in Section 21-T18N-R6E in Dodge County (North Bend Subarea). The ground is currently irrigated by a well in the S $\frac{1}{2}$ of the the same $\frac{1}{4}$ but, due to a change in ownership, they would like to drill their own well and install their own pivot. The test hole is attached.

6.C.1.a.6.C. Buhman Replacement Well Permit

Phil Buhman is requesting a replacement well in the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ in Section 2-T18N-R1E in Platte County. They believe that they are having well construction issues and would like to replace the existing well. This is the first replacement well inside of a Special Quantity Subarea. The well currently irrigates 108 acres. Since this is a replacement well is was approved by staff.

6.C.1.a.7. Irrigation Runoff Complaint

On August 22nd Russ Oaklund investigated a complaint of an end gun watering a county road. This water was from a pivot located in the SW1/4, Section 36, T15N, R4E owned by Duane Ratkovec. When Russ arrived the end gun had been turned off and he talked briefly with Mr. Ratkovec.

6.C.1.a.8. Potential Violation of Expanded Irrigation

An initial complaint noted irrigation from end guns on land owned by Liberty Land & Livestock LLC that exceeded the approved number of acres. Following action by the Board on August 11, 2014 a Cease & Desist Order was mailed to Liberty Livestock on August 13th, which they received on August 15, 2014.

Operation of the end gun on the pivot in SW1/4, Section 32, T18N, R6E was approved by LPNNRD staff, while operation of the end guns on pivots in the SE1/4, Section 32, T18N, R6E and SW1/4, Section 33, T18N, R6E were not.

6.C.1.a.9. Special Quantity Subareas

6.C.1.a.9.A. Special Quantity Subareas - NET Grant

Staff have been working on submitting a NET grant request, which is due September 5, 2014. We may not know the final outcome of our grant request until February or March of 2015.

6.C.1.a.9.B. Special Quantity Subareas - Approved Flow Meters

Staff is reviewing our current list of approved flow meters and will likely need to make some modifications. For example, it appears Seimens no longer makes propeller meters and has switched to ultrasonic and electromagnetic meters. See attachment.

6.C.1.a.9.C. Special Quantity Subareas - Water Allocation for 2015

Allocation for 2015 will need to be discussed and set before December 15, 2014. If the Board does not set the allocation by that date, the default rolling allocation will be 27 acre inches for a three year period. This allocation will first take effect in the Butler-Saunders SQS in 2015, and take effect in the Platte-Colfax SQS in 2016.

6.C.1.a.10. Lower Platte River Basin Water Management Plan Coalition (LPRBWMPC)

- The first Technical Committee meeting for the Basin Coalition was held on July 10, 2014 in Ord NE at the Lower Loup NRD. Much of the discussion focused on the Goals and Objectives. The next meeting will be held in Norfolk at the LENRD on September 3, 2014.

6.C.1.a.11. Voluntary Integrated Water Management Plan - LENRD and LPNNRD

- The last Stakeholder meeting was held on August 5, 2014 at the LPNNRD office in Wahoo NE. Information on the Water Inventory and Water Balance Study was presented and is due to be finished this fall. The next Stakeholder meeting is scheduled for October 7, 2014 at 2:00 p.m. at the LPNNRD office.
- The next Coordination meeting between LENRD, LPNNRD, and Olsson Assoc. is scheduled for September 2, 2014 at the LPNNRD office starting at 10:00 am.
- The NRD has received an Invoice for \$12,446.39 from Olsson Assoc. for services rendered through August 2, 2014 (see attached invoice).

6.C.1.a.12. Cost Share Programs

6.C.1.a.12.A. Irrigation Well Sample Kits

338 kits have been requested and sent out (43 of these have been requested earlier the week of August 25 - 26, 2014). The results from 136 of these kits have been received from HHS/Lincoln with a range of 0.00 to 33.0 ppm. Thirty water samples were received on August 26th and 48 more on August 27, 2015.

6.C.1.a.12.B. Domestic Well Sample Kits

Seven kits have been requested and these were mailed out. The results from four of these kits has been received and the results have been mailed to the well owner. This cost-share program is available only in the Phase 2 areas.

Kit #	Date sent	Date collected	Nitrate	Bacteria
			result (in ppm)	0 = no hit 1 = hit
14-3386	7/9/2014	7/15/2014	10.1	0
14-3461	7/21/2014	8/4/2014	0.00	0
14-3462	7/22/2014	8/4/2014	7.93	0
14-3463	7/22/2014	8/4/2014	17.5	0
14-3508	8/1/2014			

14-3608	8/18/2014
14-3630	8/20/2014

6.C.1.a.13. LPNNRD Certification

No new on-line test requests since the last committee meeting.

6.C.1.a.14. Certifying Acres in Saunders and Dodge Counties

- **Acre Certification Update:** Staff continue to meet with Saunders County producers. All Saunders County mailings have been sent at this point with a due date for the second batch coming up the first week of September. Of the roughly 1800 sent out, almost 1000 have been returned, the overwhelming majority of which have been through individual meetings. Staff is starting work on Dodge County corrections and should be able to begin sending them out after harvest.
- **Brian Sanderson Corner Unit:** Prior to changing the rules for Saunders County to not accept Assessor Records as proof of irrigated acres, Mr. Sanderson was informed by a Board Member that as long as he had the proof of irrigation he could add two corner units. This was perfectly acceptable until the rule change; therefore Mr. Sanderson purchased a corner unit and has plans to purchase another. The one that has been purchased was purchased prior to the rule change and therefore met our rules at the time. The one in question is the second Corner Unit that Mr. Sanderson would like to add to NW ¼, Section 14, T16N, R7E (see attached map). Modeling the proposed Corner Unit (225ft for the unit and 100ft for the end gun) adds right at 13 additional acres to the NW ¼. Mr. Sanderson would like approval from the committee to purchase this additional corner unit as he was given the go ahead from a Board Member prior to the Rule Change.

6.C.1.a.15. Bellwood Phase 2 Area

2014 is the twelfth year of this Phase 2 Area. 39 producer sample results have been received (range of 0.93 to 21.6 ppm).

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen	Percent Nitrate-nitrogen

			8.01 to 10.00 ppm	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 21.6 ppm	46% (18 of 39)	15% (6 of 39)	39% (15 of 39)

32 of these sample results were received the day of the Water Committee meeting.

6.C.1.a.16. Richland-Schuyler Phase 2 Area

2014 is the eleventh year of this Phase 2 Area. 97 producer sample results have been received (range of 2.37 to 33.0).

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen	Percent Nitrate-nitrogen	Percent Nitrate-nitrogen
		0 to 8.0 ppm	8.01 to 10.00 ppm	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 33.0 ppm	24% (23 of 97)	11% (11 of 97)	65% (63 of 97)

35 of these sample results were received the day of the Water Committee.

6.C.1.b. CHEMIGATION

For 2014 we have 381 renewals and 84 new permit applications for a current total of 465. Due to weather and landowner delays, inspections are still ongoing.

Summer chemigation inspections are listed below:

	Number to be inspected this summer	Number inspected	Number approved	Number and reason not approved
Renewal	~128	na	na	mainline 0 interlock 0 not ready 0
New	84	84	84	mainline 0 interlock 0 not ready 0

The breakdown, by county for the 84 chemigation permit applications, are listed below.

Butler	29	Colfax	3	Saunders	21
Platte	6	Dodge	15	Madison	0
Boone	10				

The fee structure for chemigation systems has been the same since 1987. A time is being reserved at the fall NARD conference for NRD's to discuss this general fee structure. At the July 23rd meeting the consensus of the attending NRD's was to keep the new fees essentially uniform across the State, whatever that final amount will be.

Permit Type	Current Fee	Maximum Fee
New	\$30	\$150
Renewal	\$10	\$100
Emergency	\$100	\$500

6.C.1.c. LIVESTOCK WASTE PERMITS

No new livestock permit applications have been received from DEQ.

6.C.2. GROUND WATER PROGRAMS

6.C.2.a. DECOMMISSIONED WELL PROGRAM

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

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

Well Owner	Type of Well	Cost Share Estimate	County
Jamie Yindrick	2 Domestic wells	\$854.60	Butler
Gary Wirka	Irrigation well	\$877.13	Saunders
Robert Bartek	Irrigation well	\$669.32	Saunders

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

No wells are ready for cost share payment this month.

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

6.C.2.b.1. Elkhorn Loup Model (ELM)

- Training by USGS to use the MODFLOW model developed for the ELM project was held July 29-30, 2014 at LLNRD in Ord. Angle and Schomer attended the training. The next training is scheduled for September 24 & 25, 2014 in Kearney right after the NARD Conference.
- Attached is an invoice of \$5,000 from LLNRD for training using the ELM model.

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

Katie Cameron (ENWRA coordinator) is asking members of the Technical Committee to review the ENWRA application for an NET grant. The due date is August 29, 2014. The northern half of the ENWRA flightlines over eastern Nebraska maybe delayed until the Spring of 2015. Scheduling conflicts with the helicopter company is part of the problem. LENRD had made earlier arrangements to fly a portion of their District this fall and it looks like those will be flown as scheduled.

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

The summer readings for the monitoring wells owned by the multi-agencies in the Wann Basin subarea and near the Former Ordnance plant near Mead were measured on August 26, 2014. This data is used in the ground water modeling efforts of MUD, LWS, and the USACE.

6.C.2.d. GROUND WATER SAMPLING

- Staff has been sampling the statewide network sites throughout the summer. As of August 27th, we have collected samples at 47 of the 53 sites. Nitrate results range from 0 to 20.7 ppm.
- Staff has sampled 106 wells in Colfax County, 88 of which are in the Richland-Schuyler Phase 2 area. Nitrate results range from 0 to 70.3 ppm.

6.C.3. SURFACE WATER PROGRAMS

6.C.3.a. STATE LAKES, FOR THE WEEK OF

Lake Wanahoo will be added to DEQ sampling list for area lakes.

6.C.3.a.1. Bacteria Sampling

One Lake tested high for *E. coli* bacteria this week. *E. coli* levels measured above 235 colonies/100 ml of sample are considered a higher risk for illness when swimming. Considering the more rapid changes in bacteria conditions, signs are not posted with these higher levels although DEQ wants people to be aware and use their own judgment on their use.

- Fremont Lake #9 in Dodge County

6.C.3.a.2. Toxic Algae

Three Lakes will be on “Health Alert” this week. It is DEQ policy that any lake that has microcystin levels over the established criterion of 20 ppb will be placed on “Health Alert” Status until such time that it has tested below 20 ppb for two continuous weeks. If a lake is under a Health Alert, signs will be posted recommending people avoid full body contact activities such as swimming, wading, skiing, jet skiing, etc. Non-contact activities such as boating, fishing, and camping are OK.

- Bluestem Lake in Lancaster County
- Iron Horse Trail Lake in Pawnee County
- Oliver Lake in Kimball County

6.C.4. OTHER

6.C.4.a. 2014 SUMMER INTERNS

Interns have ended their summer employment with the Lower Platte North NRD and have returned to UNL.

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

6.D. Projects Committee - Action as Required

6.D.1. SWCP

6.D.1.a. SWCP Approvals

SWCP Approvals:

50%

75%

BRT Farms	Saunders	Flow Meter	
\$625.00			
Don Yindrick	Butler (Skull Cr.)	Terraces/Tile/Basins	
\$12,500.00			
Gary Vandenberg	Butler	Flow Meter	\$625.00
Daryl Glodowski	Colfax	Terraces/Tile	
\$12,500.00			
Robert Schmit	Butler	Planned Grazing(EQIP)	
\$340.83 (14%)			
Gary Mintken	Dodge	Diversion/Waterway	
\$2,712.20			
		(complete project approved	
last year)			

6.D.1.b. SWCP Payments

SWCP Payments: 15%

50% 75%

Raymond Sedlacek	Terraces/Tile (w/EQIP)	\$ 1,548.57
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6.D.1.c. Sand & Duck Creek Payments

Raymond Sedlacek	Terraces/Tile (w/EQIP)	\$
2,576.19		

6.D.1.d. Cottonwood Creek Payments

Richard and Robert Paseka	Terraces/Tile (w/EQIP)	\$
12,500		

6.D.1.e. Wahoo Creek Watershed Payment

Richard and Robert Paseka	Lands for Conservation	100 acres
\$ 22,000		

6.D.2. WATERSHEDS

6.D.2.a. Shell Creek Grant Applications - 8:30 a.m.

Last month, the Board approved an agreement with EA Engineering to complete EPA 319 and Environmental Trust grant applications for the Shell Creek Watershed. Dan Bigbee and Jamie Suing, EA Engineering, were present to review draft applications and answer questions.

6.D.2.b. Shell Creek Watershed Plan Update

The Shell Creek Watershed Water Quality Plan draft is complete and being reviewed by NDEQ, SWIG & LPNNRD. An open house to present the plan for public input will be 5:30 - 7:30 p.m. at the Platte Center Auditorium on September 18, 2014.

6.D.2.c. Shell Creek Landowner Levee Project Update

Director Bailey reported that the engineer is working on the no-rise certificate that is required by the City of Schuyler before they can proceed with the project.

6.D.2.d. Wahoo Creek Watershed - Water Quality Plan Phase I

JEO has began work on Phase I of the Wahoo Water Quality Plan that include a detailed analysis of the Wahoo Creek Watershed priority sub-basins and land treatment practices. If an invoice is received from JEO for work completed by the Board Meeting, a motion to pay will be requested.

6.D.3. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.3.a. LPRCA Monthly Report

Meghan Sittler's July LPRCA report is attached. Her August report will be attached by Board Meeting.

6.D.4. OTHER

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

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

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

The project is 65% complete overall. A new construction deadline has been extended to October 15th due to weather related delays. Some of the delays are due to area landowners and irrigation runoff from fields adjacent to construction area.

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

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

JEO is working on community follow-up for completing our Hazard Mitigation Plan. Dates for public meetings are tentatively scheduled for October 9, 14 & 16.

6.D.4.d. Platte County/Mark Luchinger Grade Stabilization Project Update

Mountford and Heimann met with with Platte County on August 22 to discuss a potential grade stabilization project on landowner Mark Luchinger's property. The County is

replacing a bridge with three 9 foot culverts at this location and the landowner desires that the County and LPNNRD work with him to stabilize an eroding drainage on his property. The County will be discussing this topic in the near future.

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

6.D.5. SAND CREEK ENVIRONMENTAL RESTORATION PROJECT REPORT

6.D.5.a. Lake Wanahoo

6.D.5.a.1. County Road 17 Paving/Entrance to Wanahoo

Bids were opened by the County on August 26th and ME Collins was low bid for paving County Road 17. The County will approve and award the bid at their September 2nd meeting.

6.D.5.a.2. Income and Expense Lake Wanahoo

Attached find income and expense summaries from Game and Parks and the NRD's monthly expense summary.

6.D.5.a.3. Lake Wanahoo Trails

The City of Wahoo is recommending a resolution to authorize Mayor to sign documents for federal assistance for development of the Lake Wanahoo Trails Project - Phase II.

6.D.5.a.4. Hwy 77 Bypass Project

Work on the dam road will begin on September 8th. Staff has allowed the Contractor, Constructors Inc. a small area on the West side of the dam to store millings and supplies for the roadway in exchange for the rock surfacing to be stockpiled for future use within the Park.

6.D.5.b. Upstream Structures

All dams are full and functioning as designed. Staff is looking into fall spraying and seeding on some areas.

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

Segment 4B of the Western Sarpy/Clear Creek Project was awarded to Klocke Inc. of Palmyra, MO with a bid of \$2,894,834. Contractor has mobilized, started clearing and grubbing trees and placement of fill within the area.

6.D.7. ADJOURNMENT

7. Additional Action Items

7.A. SWCP Payments

14-B-33	Robert Schmit	W/S Basins	\$4,065.57
13-C-48	Jeff Muhle	W/S Basins & Diversion	\$3,194.10

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.