



FAX TRANSMISSION

STATE OF NEBRASKA
Department of Natural Resources
P.O. Box 94676
Lincoln, Nebraska 68509-4676
Phone: (402) 471-2363
Fax: (402) 471-2900

Date:

Pages:

From:

TO:

Fax:

↓↓↓ MESSAGE ↓↓↓

Random Thoughts on a Ballot Measure for the Protection of Nebraska's Water Resources

Submitted by Dave Sands

- The measure would be placed on the ballot by the Legislature, as opposed to an expensive petition drive.
- It would dedicate a small portion of the sales tax for the Water Resources Trust Fund, which would then be used to pay for a variety of unfunded or under-funded initiatives designed to enhance the management and protection of water resources, including quantity and quality.
- The ballot measure could be a dedication of existing tax, or we could ask the voters to approve a small increase in sales tax. On the one hand, a dedication of existing tax might be more palatable to the voters, while a small increase might be more palatable to senators who fear that a cut in other programs could otherwise result.
- The amount needed should be simple math: the needs of LB 962 plus any other programs that we or state senators want to suggest.
- LB 962 needs could include:
 1. Studies, research, and planning grants needed for the development of IMPs.
 2. Incentives for the temporary or permanent retirement of irrigated acres.
 3. Cost shares for irrigators that take measures to use less water, from new equipment to alternative crops.
 4. Other?
- Other programs that have been mentioned include:
 1. Water quality testing by DEQ, which according to one editorial needs \$3 million a year.
 2. Watershed planning and protection, especially in watersheds that provide municipal drinking water, or other watersheds designated for protection by local, state, or federal government.
 3. Wellhead planning and protection for municipal supplies.
 4. Grants or loans to help upgrade drinking water treatment, especially as small communities have to meet stricter EPA standards.
 5. Nebraska's financial share of the Cooperative Agreement.
 6. A portion that would be reserved for competitive grants that benefit water quality and/or quantity, which could be administered by the Environmental Trust.
 7. Other?

- A specific portion of the revenues could be dedicated to each chosen use, so the voter knows exactly where the money will go.
- Positive aspects include:
 1. It can solve a variety of state water needs with one solution.
 2. Nebraskans care about water and understand its importance to our wellbeing.
 3. The time is ripe as water has been in the news and on people's minds.
 4. Nationally, conservation ballot initiatives had a 75% approval rate in 2004.
 5. Voters consistently rate water issues (especially quality) as one of their top environmental concerns.
- Key challenges include:
 1. Gaining consensus from the Water Task Force.
 2. Convincing a majority of senators to go along, although it should be noted that roughly 20 will not be coming back after next year, so they might view this as a legacy opportunity. It should also be noted that one key senator has already come forward and said she is willing to help.
 3. Gaining media support through meetings with editorial boards.
 4. Gaining voter support, which would require a coherent advertising campaign and individuals or organizations willing to fund it.
- Action steps include:
 1. Working with DNR, other agencies, and possibly state senators to select specific programs to be funded and the percentage or dollar totals that would be dedicated to each.
 2. Calculating the amount of sales tax that would be needed to cover these programs, and if it is too much, decisions will have to be made on cutting certain programs out, or devoting less funds to each.
 3. Asking the Executive Committee to recommend specific proposal to the full Task Force in October.
 4. To better inform the Task Force, we could have someone from the Missouri DNR come to address us on their experience and answer questions; or we could take a van load of interested members down there and they could report back. Either way, there may be an NRD willing to pay for it.
 5. Working with state senators to craft legislation.
 6. Research and information gathering on how others have conducted similar conservation ballot measures.
 7. Identification of people/organizations willing to support the campaign.
- If the Legislature approves it this spring, it could be on the ballot in 2006 which would be an important election.

- Alternate Supplies (Blue Basin Study)	(\$50,000)		(?)	
- 24 Stream Gages and record keeping	(\$130,000)		(\$130,000)	
<u>Planning and Implementation.</u>	\$175,000	\$175,000	\$165,000	\$165,000
- Staff to Assist NRDs *	(?)	(?)	(?)	
- Development of Technical Information for Joint Mgmt Plans (model runs, economic analyses, etc.)	(?)	(?)	(?)	
- Frenchman Valley Study	(\$100,000)		(\$100,000)	
SUBTOTAL - CONTRACTUAL / STAFF / ADMIN.	(\$1,551,361)	(\$446,361)	(\$1,105,000)	\$0 (\$1,500,637)
<u>Assistance/Incentives for Implementation Plans</u>				
<u>Incentives/Payments</u>	\$7,005,000		\$2,914,363	
- Republican Pilot Project (\$1M matched by \$1.5M NRCS = \$2.5M)				
- Other Incentives				
SUBTOTAL - INCENTIVES / ASSISTANCE	(\$7,090,000)	\$0	(\$2,999,363)	\$0 (\$2,999,363)
<u>TOTAL</u>	\$8,641,361	\$446,361	\$4,500,000**	\$0 \$4,500,000

*\$41,361 in FY 05 Contract Expenditures which have not yet been billed are included in FY 06 for purposes of this table

** The source of any fees and charges has not yet been identified or approved.

Completed Item	SPENT	Left to Spend
Assistance to Repub Dist 1	\$ 151500.00	—
Lake McCaughy Water Schedule	47310.59	(2689.41) (? Previous Year)
Purchase DCS Processing Toolkit	4000.00	2500.00
Hydrological Manager Admin Package	5202.00	798.00
Server to Hydro Mgr Software	5339.50	600.50
Dopler meter for Lincoln F.O.	1138.00	12.00
3 Aqua Cules	5110.00	1240.00
5 Satellite Lucks	13310.00	190.00
On Site Computer Capabilities	37211.14	(-211.14)
		5189.36

SPENT THIS
Prog Rpt

Uncompleted Items				Now Left
Upgrade Six Blue Basin Gaging Stations	83567.71	2932.29	2932.29	—
Consulting Contract on Web page Upgrade	0	8500.00		8500.00
2 Ultrasonic Open Channel Flow Meters		9000.00	9000.00	
Walking Bridge at Cambridge Rd Creek in Allen	285.42 + (2052.78) (2338.20)	1161.80	2052.78	Now 1161.78
Meter Cost Share for South Platte NRD	47215.80 +	50784.20	23513.95	29270.25
Place a New Gage on SP near Paxton		10410.16	—	(10410.16)
Update Drought Mitigation Plan		2500.00	11511	13489.00
				20071.95
				25261.35

5400.5

**Expenditures to Date on Agreement 03 FC 601826
Improved Hydrologic Data Collection Systems for Drought Monitoring
6/15/05**

<u>Item</u>	<u>Spent This Period</u>	<u>Spent To Date</u>	<u>Budgeted</u>	<u>Completed</u>
Assistance to Republican Irrigation Districts	0	\$151,500.00	\$151,500.00	Yes
Lake McConaughy Water Set Aside	0	47,310.59	50,000.00	Yes
Improved Distribution of Streamflow Information via Internet	36,244.99	98,109.21	113,500.00	No
Upgrade six Big Blue Gaging Stations	36,244.99	83,567.71	86,500.00	No
Two Platte gages to DCPs (CR Fullerton Loup Power Ret), six Ord Gages, and four Norfolk Gages to DCPs				
Purchase DCS Processing Tool Kit with Install/Training	0	4,000.00	(6,500)	Yes
Hydrological Data Manager Administrative Package	0	5,202.00	(6,000)	Yes
Sewer to House Hydro Manager Software and Data		5,339.50	(6,000)	Yes
Consulting Contract on Web Page Upgrade and Data Collection	0	0	(8,500)	No
Equip DNR with Flow Measurement Equipment	1,138.00	6,248.00	16,500	No
2 Ultrasonic Open Channel Flow Meters	0	0	(9,000)	No

1 Dopler Meter for Lincoln Field Office	1,138.00	1,138.00	(1,150)	Yes
3 Aqua-Calcs	0	5,110.00	(6,350)	Yes
Upgrade Gaging Equipment in Republican Basin	87.42	13,595.42	17,000.00	
5 Satellite Links	0	13,310.00	(13,500)	Yes
Walking Bridge at Cambridge.	87.42	285.42	(2,500)	No
Ladder at Medicine Creek	0	0	(1,000)	No
Meter Cost-Share for South Platte NRD	29,380.68	47,215.80	100,000	No
On-Site Computer Capabilities for Surface Water Distribution (14 systems)	18,208.98	37,211.14	37,000	Yes
Place a New Gage on South Platte River near Paxton	118.79	4,589.84	15,000	No
Update Drought Mitigation Plan	0	0	25,000	No
TOTAL	\$85,178.86	\$320,719.93	\$525,500	No



Lower Platte River
CORRIDOR ALLIANCE

3125 Portia * POB 83851 * Lincoln, NE 68501 * www.lowerplatte.org
(402) 476-2729 * fax (402) 476-6454 * cell (402) 429-0334 * e-mail: rverhoeff@lpsnrd.org

RECEIVED

AUG 15 2003

DEPARTMENT OF
NATURAL RESOURCES

MEMO

DATE: August 14, 2003

TO: Roger Patterson, Director – NE Dept. of Natural Resources

FROM: Rodney Verhoeff, LPRCA Coordinator *RJ*

RE: Lower Platte River Corridor Alliance Contribution for FY '04

Membership contributions to the Lower Platte River Corridor Alliance (LPRCA) have been determined for FY'04 from recent budget discussions and as stipulated in the amended LPRCA Cooperative Agreement. **Please consider this correspondence as the LPRCA membership invoice for the 2004 fiscal year**, which runs from July 1, 2003 through June 30, 2004.

Please submit a check for \$5,416.67 to LPRCA at 3125 Portia, POB 83851, Lincoln, NE 68501-3581. If an electronic transfer is preferred, please contact the LPSNRD at (402) 476-2729.

As agreed upon, the breakdown for member contributions is as follows:

LPRCA Members	FY '04 Member Contribution
NATURAL RESOURCES DISTRICTS	
Lower Platte North NRD	\$27,700.00
Lower Platte South NRD	\$27,700.00
Papio-Missouri River NRD	\$27,700.00
TOTAL NRDs	\$83,100.00
	(72% of total budget)
STATE OF NEBRASKA ENTITIES	
NE Dept of Health & Human Services	\$5,416.67
NE Dept of Env. Quality	\$5,416.67
NE Dept of Game & Parks Commission	\$5,416.67
NE Dept of Natural Resources	\$5,416.67
NE Military Dept	\$5,416.67
UN-L Cons & Survey Division	\$5,416.67
TOTAL STATE	\$32,500.02
	(28% of total budget)
GRAND TOTAL FOR FY '04	\$115,600.02

If you have any questions or comments regarding this invoice, please contact Rodney Verhoeff, Coordinator for the LPRCA at the listing above. Thank you for your contribution and promptness in submission.

cc: Steve Gaul

The mission of the Lower Platte River Corridor Alliance is to foster the development and implementation of locally-drawn strategies, actions and practices to enhance, protect and restore the vitality of the river's resources

1400 Data Logger For Myra Creek 1400 (North Loop)

11300 3DCPS. Above Colonus, Below Colonus, Myra Creek

3200 PCP For Willow Creek

1300 Digital GPS Camera - Determine Feasibility For Field Offices

Contract to Develop Utility

Basic Training

1150 Dopler meter

20350

CTP Project Tracking Table
2004-2005
Nebraska Department of Natural Resources

Item	Activity No.; Mapping Steps	Task Leader	Applicable Section(s) of TSDN to be completed	Dodge County		Wayne County		Platte County		Cass County		Saunders County		Butler County	
				Projected	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected	Actual	Projected	Actual
Communication w/ Local Officials	Letters to Local Communities		Section I, Figure M-4 (Contact Reports Index)	9/15/04	11/8/04	12/15/04	11/8/04	12/15/04	11/8/04	2/1/05	2/1/05	3/15/05	3/15/05	5/1/05	5/1/05
	Follow-up Phone Calls		Section I, Figure M-4 (Contact Reports Index)	9/22/04	11/8/04	12/22/04	11/8/04	12/22/04	11/8/04	2/1/05	2/1/05	3/22/05	3/22/05	5/1/05	5/1/05
	Meeting With Local Administrator(s)	Jim	Section I, Figure M-4 (Contact Reports Index)	10/15/04	12/1/04	1/14/05	12/1/04	1/14/05	1/14/05	3/3/05	3/3/05	4/14/05	4/14/05	5/1/05	5/1/05
	Meeting With Local WRD		Section I, Figure M-5 (Meeting Minutes/Reports Index)	10/15/04	12/1/04	1/14/05	12/1/04	1/14/05	1/14/05	3/3/05	3/3/05	4/14/05	4/14/05	5/1/05	5/1/05
	Additional phone calls as necessary		Section I, Figure M-5 (Meeting Minutes/Reports Index)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Jim	Contract for Topography	9/29/04	10/30/04	12/14/04	10/30/04	12/14/04	12/14/04	1/28/05	1/28/05	3/16/05	3/16/05	4/29/05	4/29/05
		Al	Set Bench Marks	9/29/04	10/30/04	12/14/04	10/30/04	12/14/04	12/14/04	1/28/05	1/28/05	3/16/05	3/16/05	4/29/05	4/29/05
	Activity 1 - Field Surveys and Reconnaissance	Al	Delineate Flood Zone On The Ground	9/29/04	10/30/04	12/14/04	10/30/04	12/14/04	12/14/04	1/28/05	1/28/05	3/16/05	3/16/05	4/29/05	4/29/05
		Jim	Section IV-A (Mapping Information)	11/16/04	12/31/04	2/1/05	12/31/04	2/1/05	2/1/05	4/2/05	4/2/05	5/16/05	5/16/05	7/3/05	7/3/05
		Jim	Section IV-B (Mapping Information)	11/16/04	12/31/04	2/1/05	12/31/04	2/1/05	2/1/05	4/2/05	4/2/05	5/16/05	5/16/05	7/3/05	7/3/05
Mapping	Activity 2 - Topographic Data Development	Jim	Section IV-B (Mapping Information)	10/6/04	11/6/04	12/21/04	11/6/04	12/21/04	12/21/04	2/4/05	2/4/05	3/23/05	3/23/05	5/6/05	5/6/05
	Digitize Existing Detailed Studies	Jared		9/22/04	10/23/04	12/7/04	10/23/04	12/7/04	12/7/04	1/21/05	1/21/05	3/9/05	3/9/05	4/22/05	4/22/05
	Identify Stages/BFE on Major Streams	Ryan		9/22/04	10/23/04	12/7/04	10/23/04	12/7/04	12/7/04	1/21/05	1/21/05	3/9/05	3/9/05	4/22/05	4/22/05
	Calculate Discharge for Long-Term Gages	Jeff		9/22/04	10/23/04	12/7/04	10/23/04	12/7/04	12/7/04	1/21/05	1/21/05	3/9/05	3/9/05	4/22/05	4/22/05
	Calculate BFE	Shuhai		9/22/04	10/23/04	12/7/04	10/23/04	12/7/04	12/7/04	1/21/05	1/21/05	3/9/05	3/9/05	4/22/05	4/22/05
	Draft Delineation	Shuhai		9/29/04	10/30/04	12/14/04	10/30/04	12/14/04	12/14/04	1/28/05	1/28/05	3/16/05	3/16/05	4/29/05	4/29/05
	Create 1-Foot BFE Tie Marks, Contour Junctions	Jared		10/6/04	11/6/04	12/21/04	11/6/04	12/21/04	12/21/04	2/4/05	2/4/05	3/23/05	3/23/05	5/6/05	5/6/05
	Redelineate Flood Zone	Jared		10/6/04	11/6/04	12/21/04	11/6/04	12/21/04	12/21/04	2/4/05	2/4/05	3/23/05	3/23/05	5/6/05	5/6/05
	Photodelineate Platte River	John		10/27/04	11/27/04	1/11/05	11/27/04	1/11/05	1/11/05	2/25/05	2/25/05	4/13/05	4/13/05	5/27/05	5/27/05
	Review and Format New Detailed Studies	Jared		11/3/04	12/4/04	1/18/05	12/4/04	1/18/05	1/18/05	3/4/05	3/4/05	4/20/05	4/20/05	6/3/05	6/3/05
Publication	Merge Detailed and Zone A Studies; Edge Match	Bill		12/1/04	1/1/05	2/15/05	1/1/05	2/15/05	3/1/05	4/15/05	5/1/05	6/1/05	7/1/05	8/1/05	
	Complete Delineation	Jared		12/15/04	1/15/05	2/15/05	1/15/05	2/15/05	3/1/05	4/15/05	5/1/05	6/1/05	7/1/05	8/1/05	
	Map Panels with Reference Marks, Legend, etc.	Kevin		10/17/04	12/1/04	1/15/05	12/1/04	1/15/05	2/1/05	3/3/05	4/16/05	5/1/05	6/3/05	7/3/05	
	Publish the Maps	Kevin		11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
	Activity 10 - Base Map Acquisition and Preparation	Kevin	Section IV-D (Mapping Information)	10/17/04	12/1/04	1/15/05	12/1/04	1/15/05	2/1/05	3/3/05	4/16/05	5/1/05	6/3/05	7/3/05	
	Activity 4 - Hydrology	Jim	Section II - A (Hydrologic and Hydraulic Information)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
	Activity 5 - Hydraulic Analyses	Jim	Section II, Figure M-6 (Hydrologic Analysis Index)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
			Section II - A (Hydrologic and Hydraulic Information)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
			Section II, Figure M-7 (Hydraulic Analysis Index)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
			Section II, Figure M-8 (Key to Cross Section Labeling)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05	
Activity 8B - Floodplain Mapping Refinement or Creation of Zone A	Jim	Section IV, Figure M-10 (Mapping Information Index)	11/16/04	12/31/04	2/14/05	12/31/04	2/14/05	3/1/05	4/2/05	5/16/05	6/3/05	7/3/05	8/1/05		
Gather existing data and historic flood information	Jim	Section III Paragraphs 2.3, 2.4, and 7.0 (Draft FIS report)	10/17/04	12/1/04	1/15/05	12/1/04	1/15/05	2/1/05	3/3/05	4/16/05	5/1/05	6/3/05	7/3/05		
Special Problem Reports	Jim	Section I, Figure M-2 (Special Problem Report Index)	1/1/05	2/15/05	4/1/05	2/15/05	4/1/05	5/18/05	6/17/05	7/1/05	8/1/05	9/1/05	10/15/05		
Run CDs and create ResMap doc file	Jared	Section IV-D (Mapping Information)	1/1/05	2/15/05	4/1/05	2/15/05	4/1/05	5/18/05	6/17/05	7/1/05	8/1/05	9/1/05	10/15/05		
DNR Cover-Page, CD Covers, and CD Labels	Terry	Section IV-D (Mapping Information)	1/15/05	3/1/05	4/15/05	3/1/05	4/15/05	6/1/05	7/1/05	8/1/05	9/1/05	10/15/05	11/15/05		
Report Submission	Jim	TSDN Cover Page	3/1/05	4/15/05	6/1/05	4/15/05	6/1/05	7/1/05	8/1/05	9/1/05	10/15/05	11/15/05	12/15/05		
Meeting with Community to Discuss Maps	Jim		3/1/05	4/15/05	6/1/05	4/15/05	6/1/05	7/1/05	8/1/05	9/1/05	10/15/05	11/15/05	12/15/05		

Steve

X-Mailer: Novell GroupWise Internet Agent 6.5.3
Date: Fri, 18 Nov 2005 15:43:12 -0700
From: "Jack Wergin" <JWERGIN@gp.usbr.gov>
To: <sgaul@dnr.state.ne.us>
Cc: "Michael Kube" <MKUBE@gp.usbr.gov>,
"Richard DeVore" <RDEVORE@gp.usbr.gov>
Subject: Drought Assistance Funds
X-Spam-Checker-Version: SpamAssassin 3.0 (1.5) on server100.dnr.state.ne.us
X-Spam-Level: *
X-Spam-Status: "No, hits=1.01 required=3.00 tests=BAYES_44,ALUSSINAN_5,NO_RDNS2
autolearn=Yes version=3.0"

Steve,

We received word from our Regional Office and our Denver Office that your revised drought projects have been approved.

"All of the requests to move funds around appear to be items contained within the original letters of delegation of authority. The proposal makes good fiscal sense. I don't believe that a new delegation of authority is necessary as long as everything stays within the original letters of delegation."

As these projects have been determined to fit into the original delegations, we will not be sending a letter back to you (DNR) with any approval.

Let me know if you have any questions.

Jack

November 3, 2005

TO: Jack Wergin
FROM: Steve Gaul
SUBJECT: Request for Alternate Expenditures on Underspent Items on Agreement No. 03FC601826 for Improved Hydrologic Data Collection Systems for Drought Monitoring

Jack, as we near completion of our grant expenditures under Agreement No. 03FC601826 for Improved Hydrologic Data Collection Systems for Drought Monitoring, I would like to request authority to reallocate our grant funding from those items that were underexpended to similar items that are well within the scope of those same activities. In my September 30 Semi-Annual Report and Request for Reimbursement on the Agreement, I supplied you with the figures in the following table:

<u>Completed But Underspent 05</u>	<u>Amount Left</u>
Walking Bridge Cambridge/Ladder Medicine Creek	\$ 1,127.80
Place a new gage on South Platte near Paxton	10,410.16
Upgrade gaging station	.29
DCS Processing Toolkit	2,500.00
Hydrological Data Manager Admin. Package	798.00
Server to House Hydro manager	660.50
Dopler meter for Lincoln Field Office	12.00
3 Aqua Calcs	1,240.00
5 Satellite Links – Republican	190.00
On Site Computer Capabilities	- 211.14
<u>TOTAL UNDEREXPENDITURE</u>	<u>16,727.61</u>
04 Lake McConaughy Water set aside	<u>2,689.45</u>
	19,417.06
<u>Expenditures Still Underway</u>	
Consulting Contract on Web Upgrade*	8,500.00
Meter Cost Share for South Platte NRD	27,596.22
Update Drought Mitigation Plan	13,489.00
Two Ultra Sonic Flow meters	9,000.00*
05 Republican Irrigation Districts	\$137,850.00*

*Expenditures on these items have been completed since September 30 and will be billed shortly. in the near future.

clrshare/planning/gaul

DNR 013669

Memo to Jack Wergin

November 3, 2005

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We currently have \$19,417.06 in underexpenditures plus a total of \$8,500.00 for the consulting contract on web upgrade that we would like to spend in a slightly different manner but to the same effect for a total of \$27,917.06. The alternate expenditures which we would like to make with underexpended funds include:

\$7,500	In-house training in use of WISKI Hydrologic Software
\$11,300	Satellite Data Collection Platforms for Gages above Calamus Reservoir, Below Calamus Reservoir, and at Myra Creek in the Loup Basin
\$3,200	A Data Collection Platform for the Willow Creek Gage in the Elkhorn Basin
\$1,400	A data logger for the Myra Creek Gage
\$1,150	An additional dopler meter for the Lincoln Field Office
\$1,300	A digital GPS Camera for Field Office use
<u>\$2,067</u>	<i>or additional Aquat Calc</i>
\$27,917	

Rationale for Asking for the Above Items

In-House Training in the Use of WISKI Hydrologic Software (\$7,500)

This is the most important single item in this request. WISKI Hydrologic Software was purchased with earlier Reclamation Drought Assistance Funding and represents a major change in the way the Department aggregates its streamgaging records. It will also provide a base for web presentation and we consider this a direct substitution for the earlier \$8,500 we had set aside in our original proposal for "Consulting Contract/Assistance on Web Page Upgrade and Data Presentation". This falls under the broader category of "Improved Distribution of Streamflow Information via the Internet". We have had both technical and training level problems in adopting the new software despite a growing awareness of its possibilities for us in data aggregation and web presentation. We have also internally managed to work out web procedures for use with WISKI, which obviates our previous need for a consulting contract. We currently hope to have a software representative both provide technical adjustments and deliver on-site training in Lincoln and a field office in early December. This is expected to both secure the utility of the earlier expenditure on the software and help us with web application.

Satellite Data Collection Platforms for Gages Above Calamus Reservoir, Below Calamus Reservoir, and at Myra Creek with Loup Basin (\$11,300)

One of the major areas of expenditure under the grant to date has been purchase of satellite data collection platforms to provide more timely reporting of streamgage data. This proposal would

Memo to Jack Wergin
November 3, 2005
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add three data collection platforms in the Ord field office area, for a total of eleven gages in that field office with the DCPs.

A Satellite Data Collection Platform for the Willow Creek Gage in the Elkhorn Basin (\$3,200)

See the explanation above.

A Data Logger for the Myra Creek Gage

This would fall under the project work item "Equip DNR with Flow Measurement Equipment".

A Doppler Meter for the Lincoln Field Office (\$1,150)

This would be the second Doppler Meter bought with Drought Assistance funds. It fits in the grant category "Equipment DNR with Flow Measurement Equipment".

A Digital GPS Camera for Field Office Use

This would fall under the grant category "On-Site Computer Capabilities for Surface Water Distribution". It would allow DNR to see if digital photography/filing can assist field office operations. This would be somewhat experimental, but potentially very useful.

Jack, these are the items on which we would prefer to spend the underspent portions of our Drought Assistance Funds. Please advise me if they are acceptable. The major item where time is a factor is the initial one on the effort to train and implement our WISKI hydrologic software package. We would like to do that in early December and it is integral to our future streamgaging operations. Thank you for your consideration.

An Additional Aqua Cite For Field Office

~~Three~~ Three Aqua Cites have already been purchased with Drought Assistance Funds. The additional Aqua Cite would give us some flexibility by having a potential spare when other Aqua Cites ~~break down~~ need repairs or need replacement.

**Expenditures to Date on Agreement 03 FC 601826
Improved Hydrologic Data Collection Systems for Drought Monitoring
9/26/05**

<u>Item</u>	<u>Spent This Period</u>	<u>Spent To Date</u>	<u>Budgeted</u>	<u>Completed</u>
Assistance to Republican Irrigation Districts	0	\$151,500.00	\$151,500.00	Yes
Assistance to Republican Irrigation Districts 05	31,800.00	31,800.00	169,650.00	No
Lake McConaughy Water Set Aside	0	47,310.59	50,000.00	Yes
Improved Distribution of Streamflow Information via Internet	2,932.29	101,041.50	113,500.00	No
Upgrade six Big Blue Gaging Stations and Two Platte gages to DCPs (CR Fullerton Loup Power Ret), six Ord Gages, and four Norfolk Gages to DCPs	2,932.29	86,500.00	86,500.00	Yes
Purchase DCS Processing Tool Kit with Install/Training	0	4,000.00	(6,500)	Yes
Hydrological Data Manager Administrative Package	0	5,202.00	(6,000)	Yes
Sewer to House Hydro Manager Software and Data		5,339.50	(6,000)	Yes
Consulting Contract on Web Page Upgrade and Data Collection	0	0	(8,500)	No
Equip DNR with Flow Measurement Equipment	0	0	16,500	Yes

2 Ultrasonic Open Channel Flow Meters	0	0	(9,000)	No
1 Dopler Meter for Lincoln Field Office	0	0	(1,150)	No
3 Aqua-Calcs	0	5,110.00	(6,350)	Yes
Upgrade Gaging Equipment in Republican Basin	2,086.78	15,682.20	17,000.00	
5 Satellite Links	0	13,310.00	(13,500)	Yes
Walking Bridge at Cambridge & Ladder at Medicine Creek	2,086.78	2,372.20	(3,500)	Yes
Meter Cost-Share for South Platte NRD	25,187.98	72,403.78	100,000	No
On-Site Computer Capabilities for Surface Water Distribution (14 systems)	0	19,002.16	37,000	No
Place a New Gage on South Platte River near Paxton	0	4,589.84	15,000	Yes
Update Drought Mitigation Plan	11,511.00	11,511.00	25,000	No
TOTAL	\$73,518.05	\$479,298.05	\$695,150	No