

Nebraska Department of Natural Resources
Nebraska Soil and Water Conservation Fund
Republican Basin Water Meter Program Summary

Period 4/1/04 thru 9/30/05

Upper Republican NRD	20	\$7,702.48
Middle Republican NRD	222	\$111,715.77
Lower Republican NRD	981	\$472,103.60
Tri-Basin NRD	986	\$536,521.44
Total for State	2,209	\$1,128,043.29

**FY 05 And FY 06 - AGREEMENTS PLANNED AND EXISTING –
PLANNING AND ASSISTANCE DIVISION (1)**

(October 3, 2005)

P=Planned E=Existing

General

E	\$ 78,002*	Bureau of Reclamation Drought Assistance
E	\$ (25,000)	High Plains Climate Center Drought <u>Subagreement</u>
E	\$169,500*	Bureau of Reclamation Amendment to Drought Contract (2)
E	\$ (29,500)	Bostwick <u>Subagreement</u> to BuRec Amend to Drought Contract
E	\$ (10,966)	Frenchman Valley <u>Subagreement</u> to Bu Rec Amend to D.C. (2)
E	\$ (20,834)	H&RW <u>Subagreement</u> to BuRec Amend to D.C. (2)
E	\$(108,200)	Frenchman-Cambridge <u>Subagreement</u> to BuRec Amend to D.C.
E	\$135,988*	Environmental Trust Republican Meter Contract
E	\$Check	Environmental Trust Water Policy Task Force Contract
E	\$ 30,000*	Environmental Trust CREP Contract
E	\$ NA	UNL Master Agreement (task order amounts listed separately)
E	\$214,665	Task Order #2 to UNL Agreement - CALMIT Land Use
E	\$ 21,700*	Agreement with NDEQ for Funds for NHD Digitizers
E	\$(21,700)	Agreement with CSD for NHD Digitizers <u>Subagreement</u>
E	\$ 30,000*	
E	\$ 7,920	Agreement with USGS for Gage Cost Sharing
E	\$ 5,417	Agreement to Participate in Lower Platte Alliance

LB 962 Related

E	\$ 41,361	Task Order #1 to UNL Agreement – Specific Yield
E	\$282,652	Task Order #3 to UNL Agree – CALMIT Statewide Land Use
E	\$ 69,921	Task Order #4 to UNL Agree - Expand Spec. Yield Well Log Info
E	\$ 66,189	Task Order #5 to UNL Agreement - Box Butte Info/Model
E	\$ 16,712	Task Order #6 to UNL Agree – Aquifer/Stream in Upper Niobrara
P	\$ 12,000	Future Task Order to UNL Agree - Water Conservation Education
P	\$ 8,000	Future Task Order to UNL Agree – Consumptive Use
P	\$ 70,006	Future Task Order to UNL Agree - Well Log Info
E	\$ 5,000	Agreement with CPNRD for Larry Cast Services on Specific Yield
P	\$ 5,000	2 nd Agree with CPNRD for Larry Cast Services (Valley & Sherman Counties)
P	\$100,000	Frenchman Valley Study
P	\$ 80,000	COHYST Maintenance Agreement
P	\$ 60,000	Future COHYST Work Agreement/ DNR Model Runs
P	\$295,000	Loup-Lower Elkhorn Groundwater Model
P	\$ (55,000)	Subagreements with NRDs on Loup-Lower Elkhorn Model
P	\$ 50,000	Blue Basin Study
P	\$130,000	Stream Gage Installation / Operation (Purchase & Working Records Contract)

P	\$ 15,000	Copy Well Registration and Index NRD Plans (<i>Water Admin Div</i>)
P	\$240,000	Have Surface Water Paper Files Coded (<i>Water Admin Div</i>)
P	\$ 55,000	Decision Support System
P	\$ 60,000	IWIP (<i>IT Division</i>)

Non-Monetary Agreements / Agreements Where Monetary Obligation is Fulfilled


E	Agreement with USGS to Supply Tagged Vector Hydros
E	Agreement to have Wayne Vanek Work from DNR
E	Agreement to Participate in L. Platte Cumulative Impacts Study
E	Corps Agreement on LP Feasibility Study
E	Coop Agree with NRDs on LP Feasibility Study (expired)
E	COHYST Agreement for DNR Staff (expired)

Stream Gaging Non-Monetary Agreements

P	Tri Basin Agreement on Turkey Creek and Muddy Creek
E	Tri Basin on North Dry Creek and Fort Kearney Slough
E	UNWNRD on Niobrara
E	O&M on Eight Republican Gage Sites – Reclamation
E	Platte County Bridge Right of Way
E	Loup Public Power Site Right of Way
E	Dept of Roads Right of Way in South Schuyler
E	Agreement with LRNRD on Muddy Creek (1998)
E	Willow Creek Agreement with LENRD (1998)

- (1) excludes agreements dealing with N.P. Decree or Republican Basin
 (2) the Frenchman Valley and H&RW subagreements have actually just been paid, but are being kept on the books until all 3 irrigation districts are paid. Also the \$169,500 amount is an amended part of the overall Reclamation Drought Assistance Agreement but is being kept separate here

* Agreements where funds are incoming



The Nebraska
Environmental Trust

"Preserving NATURAL NEBRASKA" for future generations

NEBRASKA ENVIRONMENTAL TRUST FUND

H1. Project Sponsor: Nebraska Department of Natural Resources

H2. Project Name: Republican Basin Water Meter Proposal

Water conservation by individual irrigators will be a major outcome of having meters. Application of just the amount of water a crop needs at the time it needs it can help limit unnecessary evaporation and transpiration. In a water short basin under drought conditions this can be especially important.

Note: The Republican River Compact Settlement does not require that meters be installed on irrigation and other high capacity wells in the Republican River Basin. However, such meters would greatly improve the accuracy of Nebraska's water use calculations for the Basin Compact Administration and would also greatly aid in the implementation of measures to ensure future state compliance with the Compact. Therefore, the state asked all of the Republican River Basin Natural Resources Districts to require the installation of meters on such wells. The Upper Republican NRD has required meters for over 20 years. Each of the other districts responded affirmatively to the request and adopted regulations that now require the installation of meters according to the schedule set forth below.

MIDDLE REPUBLICAN NRD

December 31, 2003 wells in the SW ¼ of a section

December 31, 2004 wells in the NW ¼ of a section Wells in NW ¼ of section in by Sept 30, 2004

Wells in the NE ¼ and SE ¼ are already required to have meters in place

LOWER REPUBLICAN NRD

January 1, 2004 – wells in Sections 1-12

April 1, 2004 – wells in Sections 13-24

April 1, 2005 – wells in Sections 25-36

Wells in sections 25 to 36 in by Jan 1, 2005

Tri-Basin (Republican Basin Portion Only)

December 31, 2004 – meters must be installed on ½ of an individual's wells Any wells in by Sept 30, 2004

December 31, 2005 – meters must be installed on the other ½ of an individual's wells

This Environmental Trust proposal would require that a meter be installed after April 1, 2004 and at least 3 months prior to its applicable deadline in order to be eligible for cost share from the Environmental Trust monies.

We recognize that this proposal raises a question as to whether it is to fund "actions mandated by regulations." If it is determined that the proposal is not consistent with the Trust's eligibility criteria, we request that such a conclusion be communicated to the department as soon as possible.

BACKGROUND

The need for metering groundwater pumping in the Republican River Basin has grown from a number of historic developments. In 1935 a major flood in the basin claimed more than 100 lives and served as part of the impetus for eventual development of federal surface water storage projects in the basin. In

LISA Beethe

LBEE@NRPCC.STATE.WV.US

Needs Numbers on what we
HAVE paid on each money source

<u>Source</u>	<u>Amnt</u>	<u>Paid</u>
STATE APPROP	\$1,500,000	
Transfer Lawsuit Approp	800,000	
USBR Grant	200,000	
Transfer of Title Basis	67,000	
Env Trust Grant	600,000	

* Note Additional \$644,000 Grant applied for with
RUPPCA BUT NOT KNOWN if will be funded - will know by summer