

POTENTIAL WATER POLICY LEGISLATION DRAFT STATE LEVEL IMPLEMENTATION BUDGET

Draft 7/5/05

	BUDGETED - FY06*	COMMITTED - FY06	REMAINING - FY06	BUDGETED - FY07	COMMITTED - FY07	REMAINING - FY - 07
<u>NDR Administration/Database Development/Preparation</u>						
3 NDR Staff Positions and Office Overhead (Hydrologist, Lawyer, Water Administrator) (Also transferred one staff to coordinate IMPs)	\$200,000	\$200,000	\$0	\$200,000		\$200,000
<u>Additional DNR Equipment/Supplies, Travel, etc.</u>						
- Printer	\$100,000	\$100,000	\$0	\$100,000		\$100,000
- Plotter						
- Computers and Software						
- Furniture						
- Extra Travel						
- Printing/Copying/Publishing/Postage						
<u>Development of a Database for Integrated Management</u>						
- Development of Database Architecture	\$310,000	\$105,000	\$205,000	\$310,000		\$310,000
- Collection of the Data						
- Contract/Consultant for Improved DNR Recordkeeping Updating, Capability Enhancement						
a) Copy well registrations from microfilm to electronic media/scanning and scan & index NRD plans and documents	(\$15,000)	(\$15,000)		(\$120,000)		
b) Have sw paper files coded, & electronic display (primarily coding) - Storing & displaying electronic images - Assist in coping, digitizing SW maps, processing SW applic	(\$120,000)	(\$90,000)		(\$86,750)		
c) Platte River Water Decision Support System	(\$86,750)			(\$86,750)		
d) IWIP Contract	(\$60,000)			---		
e) Other	(?)			(?)		
<u>Specialized Studies/Evaluation - General Studies/Work Activities by UNL</u>						
- Consumptive Use Research	\$316,361	\$41,361	\$275,000	\$275,637		\$275,637
- Water conservation education package	-\$8,000			(\$20,000)		
- FY05 Specific Yield and Transmissivity	(\$12,000)					
- Provide econ info to assist in fully approp & other determinations	(\$41,361)	(\$41,361)	\$0			
- Hydraulic Conductivity Specific Yield & Transmissivity Mapping & Index/ make electronic UNL well log, pump test & other datasets	(\$65,000)			(\$75,000)		
- Box Butte County/Niobrara Regional Hydrologic Model	(\$50,000)			(\$15,637)		
- CALMIT Land Use-Remainder of State	(\$140,000)			(\$165,000)		
<u>Contracts for Technical Studies or Modeling</u>						
- Geotechnical Work - test holes, aquifer tests, etc.	\$450,000		\$450,000	\$450,000		\$450,000
- Local Specialized Study Funds	(\$100,000)			(\$100,000)		
- UNWNRD						
- Future COHYST Model Maintenance	(\$40,000)			(\$40,000)		
- Future DNR COHYST Study	(\$30,000)			(\$30,000)		
- Other	---			---		
- GW Model for Lower Platte (USGS)	(\$100,000)			(\$150,000)		

POTENTIAL WATER POLICY LEGISLATION DRAFT STATE LEVEL IMPLEMENTATION BUDGET

Draft 7/12/05

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- Other	---			---		
- GW Model for Lower Platte (USGS)	(\$100,000)			(\$150,000)		
- Alternate Supplies (Blue Basin Study)	(\$50,000)			(?)		
- 24 Stream Gages and record keeping	(\$130,000)			(\$130,000)		

**Bureau of Reclamation Drought Assistance Grant
July 2003 Grant Totals**

Original

\$200,000	Republican Basin Flow Meters
18,000	Remote Monitoring Equipment on Republican
<u>20,000</u>	Real Time Downlink and Software to Process Stream Gaging
\$ 238,000	

Billings

\$125,464.05	Flow meters
74,537.95	Flow meters
18,000.00	Stream gaging
2,000.00	Satellite Data Collection Program Addresses
<u>17,998.00</u>	Portion of WISKI Software
\$238,000.00	

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Paula Taylor
Rate Changes Since Last
year
new rates 6 mfgs

E-mails

303 442 7367

Planning and Assistance Division Work Items Listed by Category in Order of Likely Average FTE Allocation - July 1, 2004 through June 30, 2005
Draft 08/13/04

C.A.V.I.A.

TOTAL	Sch Comp Date	Adelman	Gaul	Koester	Kern	Kurtz	Lear	Lindeman	New Hydrol	Reed	Schellpeper	Schwartz	Shafer	Soberski	Thompson	Vollertsen	Zheng
Resource Data Devel.																	
1							0.45					0.2	0.25				0.4
0.8	11/1/2007						0.35					0.35					0.4
0.75	6/30/2006																0.4
0.25																	0.25
0.25					0.25												0.25
0.1					0.05							0.01					0.05
0.01																	0.01
3.16																	
Ping/Tech Assisit/Review																	
2.69		0.8	0.05	0.3	0.05	0.1			0.7	0.15		0.29	0.3			0.05	0.2
1.25		0.08			0.05	0.9			0.05		0.05			0.1			0.05
0.93			0.44		0.05									0.15			0.05
0.69		0.05	0.04		0.05		0.05		0.25			0.05	0.04	0.05			0.05
0.58					0.05									0.45			0.05
0.45		0.07	0.1		0.05							0.05		0.15			0.05
0.42																	
0.4	12/31/2004				0.2												
0.2					0.1												
0.15					0.1												
0.1																	
0.05			0.05														
0.05			0.01														
0.01			0.01														
2.93																	
Streamgaging																	
1																	
1																	
Interstate																	
2.2					1	0.05					0.05	0.05	0.05			0.95	0.1
1											0.9						0.1
0.45														0.3			0.15
0.01														0.01			0.01
5.66																	
TOTAL																	
15.75		1	1	1	1	1	1	1	1	0.75	1	1	1	1	1	1	1

9
1

METER COST SHARE ASSISTANCE FOR THE SOUTH PLATTE NATURAL RESOURCES DISTRICT

(3/9/05)

Background

Over the past five years, conditions in the South Platte Natural Resources District have been dry and drought conditions have continued into early 2005. Managing water resources with precision and equity has become even more of a priority given these conditions. The South Platte Basin is also part of an area where conditions for recovery of threatened and endangered species are being examined as part of a Platte River Cooperative Agreement. Significant surface water – ground water interrelationship issues also exist in the basin and new options for addressing those have potentially been made available through a new state law. The South Platte Natural Resources District has remained very active in these challenging conditions and has adopted a variety of policies to address its water related issues. One cornerstone of its adopted approach is mandatory installation of meters on a phased schedule between May 1, 2004 and March 1, 2009. Monitoring is especially important in dry years. This proposal provides for cost share for meters to monitor ground water use. In September 2004 approval was received for \$100,000 in meter cost share assistance to District well owners and it is anticipated that money will all be utilized prior to Fall 2005.

Benefits

Cost share for meters would help address drought in a number of ways. First, it would allow landowners to better manage their water, resulting in less pumping by water users. The conservation that meters allow is most important in drought years. The better knowledge of pumping rates will also be useful in implementing whatever decisions are made under the Platte River Cooperative Agreement. Finally, the meters are essential to the districtwide groundwater management area being implemented by the Natural Resources District. That plan is being used to facilitate the proper management of ground water for concerns of quality, quantity, and integrated management. The usefulness of the funds would be extended by the 50% cost share provided by individual landowners.

Budget

As of early March 2005, the South Platte Natural Resources District has 1,412 irrigation wells of which approximately ___ already have meters. At approximately \$___ per meter in cost share, the \$100,000 grant request would supply cost share for about ___ meters.

✓ Future additional cost share funds can be sought from state and local sources.

W A Few instances a meter may be able to serve more than one well.

**Semi-Annual Program Performance Report Agreement 03FC601826
Improved Hydrologic Data Collection Systems for Drought Monitoring
September 10, 2004**

A) A Comparison of Actual Accomplishments with the Goals and Objectives Reported for the Reporting Period

Goals for this project were established for the term of the project rather than for the reporting period. For individual sub-projects, the following progress was made:

Project # 1 Platte/McConaughy Water Set-Aside – Expenditures in this category were initiated and completed during the reporting period. An agreement was signed

Computers and Software - (Part of original July 2003 funding package) – Use of the final \$19,998 from the original \$238,000 grant was completed during the reporting period. Expenses included \$2,000 for satellite assignment and operating information and \$17,998 of a \$23,200 bill for software to be used in placing streamgaging information on the internet.

Project # 6 Improved Distribution of Streamflow Data via the Internet – This category was used to pay for the remainder of the streamgaging software purchase. The WISKI suite hydrological data management software and its related administrative package should assist the Nebraska Department of Natural Resources in managing and displaying streamgaging data in a manner closer to a real time status. This is only the initial expenditure in this category.

February 10, 2004

Jack Wergin
U.S. Bureau of Reclamation
P.O. Box 1670
Grand Island, NE 68802

RE: Semi-Annual Report on Agreement No. 03FC601826 for Improved Hydrologic
Data Collection Systems for Drought Monitoring

Dear Jack:

Attached is our first semi-annual report for *Agreement No. 03FC601826
Improved Hydrologic Data Collection Systems for Drought Monitoring*. If you need any
additional material please let me know. Please note that the report runs through January
29, 2004 which is 6 months from the date of initiation of our agreement. Last week we
separately sent you a billing for activity occurring between our September 30 progress
report and that date.

Sincerely,

Steve Gaul
Head, Planning and Assistance Division

Attachment

Total Budget	\$37,000.00	
Total Expenditures	\$27,804.06	\$19,002.16
Remaining Budget	\$9,195.94	

GPS	\$1,253.97	6	210	*
Cambridge Handheld - 6315	\$558.00			*
Cambridge Socket Device	\$147.45			*
Lincoln Airdeck	\$200.00	1	200	
socket	\$294.90	2	147.45	
laptops	\$16,645.07	13		*
Handhelds	\$2,232.00	4	558	
Handheld Cases	\$500.00	5	100	
Cambridge ArcView	\$1,000.00			
MS Office	\$3,835.00	13	295	
Cambridge GPS??				
Cambridge 250 gB HD??				
Flash Drives for Laptops	\$397.67	13	30.59	
Otter Boxes for Cambridge	\$240.00	3	80	
Otter Boxes for Handhelds	\$500.00	5	100	
Lincoln Camera???		1		
Norfolk GPS/Radio??		2		

May Not Be Needed