

Inc 2/22/05



K A N S A S

TRACY STREETER, DIRECTOR

KANSAS WATER OFFICE

KATHLEEN SEBELIUS, GOVERNOR

July 22, 2005

Elvin Hobson
President
Bostwick Irrigation District No. 2
P.O. Box 165
Courtland, KS 66939-0165

PRES.	<i>ECH</i>
SEC'Y	<i>BT</i>
TREAS.	<i>GLH</i>
CLERK	<i>KV</i>

Dear Mr. Hobson:

Enclosed for your review and acceptance is the Memorandum of Agreement between the Kansas Water Office and the Kansas Bostwick Irrigation District No. 2 for Drought Assistance for Increased Reservoir Storage. Please return one copy of the signed agreement to the Kansas Water Office.

If you have any questions, please contact Susan Lee at (785) 296-3185.

Respectfully,

A handwritten signature in cursive script, appearing to read "Tracy Streeter".

Tracy Streeter, Director
Kansas Water Office

cc: Earl Lewis
Susan Lee

Memorandum of Agreement
between the
Kansas Bostwick Irrigation District No. 2
and the
Kansas Water Office
for
Drought Assistance for Increased Reservoir Storage

WHEREAS, drought induced low reservoir levels in Harlan County Lake threaten a variety of uses, including irrigation, fish, wildlife, and recreation; and

WHEREAS, leaving additional storage water in Harlan County Lake during the 2005 irrigation season would help sustain in-reservoir uses as well as provide additional water for the next irrigation season; and

WHEREAS, the Bureau of Reclamation (Reclamation) has approved the State of Kansas for drought assistance in 2005 by authority of the Reclamation States Emergency Drought Relieve Act of 1991;


WHEREAS, Reclamation has approved drought funding assistance to the Kansas Water Office through Cooperative Agreement No. 04FC601939 for a project that will result in additional storage water in drought affected reservoirs in the Republican and Solomon Basins;

NOW THEREFORE, the parties agree as follows:

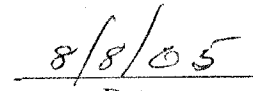
- 1) The Kansas Bostwick Irrigation District No. 2 agrees to:
 - a) not call for 2005 irrigation season storage releases from Harlan County Lake when the lake drops below elevation 1930.88 (149,159 acre feet)
- 2) The Kansas Water Office agrees to:
 - a) provide financial assistance totaling \$12,000 (utilizing Reclamation Drought Assistance Funds) to the District for leaving 2005 irrigation supplies in Harlan County Lake at levels listed in 1)a) above from the signature date of this contract through September 30, 2005.
 - b) provide payment within 60 days of the signature of this agreement.
- 3) In the event that inflows exceed estimates, both parties agree that releases of storage water may be made for the benefit of the District as long as the lake levels remain at or above the levels noted above. Should evaporation or other factors not caused by the District later lower levels, this will not affect the eligibility of the District for compensation.

- 4) In the event that inflows do not meet estimates and the lake levels do not reach the levels noted above, the level of assistance provided to the District will not be reduced.
- 5) This agreement may be modified at any time by mutual agreement of the parties.

KANSAS BOSTWICK IRRIGATION DISTRICT NO. 2

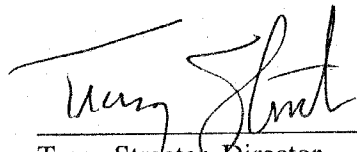


Elvin Hobson, President
Kansas Bostwick Irrigation District No. 2

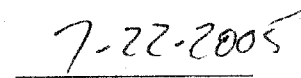


Date

KANSAS WATER OFFICE



Tracy Streeter, Director
Kansas Water Office



Date



K A N S A S

TRACY STREETER, DIRECTOR

KANSAS WATER OFFICE

KATHLEEN SEBELIUS, GOVERNOR

April 18, 2005

Jack Wergin
Bureau of Reclamation
PO Box 1607
Grand Island, NE 68802-1607

PRES.	
SECY.	B.P.
TREAS.	GLH
SUPL.	R.V.

Dear Mr. Wergin:

Thank you for your e-mail of March 29th informing me of Kansas' approval for assistance under Title I of the Reclamation States Emergency Drought Relief Act of 1991. Kansas was approved for the drought assistance by Commissioner Keys according to the March 3, 2005 to Governor Sebelius.

We wish to have the following project considered for potential assistance:

- Kansas-Bostwick Irrigation District No. 2, Kirwin Irrigation District No. 1, and Webster Irrigation District No. 4 - not call for 2005 irrigation season storage releases from Harlan County Lake, Kirwin Reservoir, and Webster Reservoir

Preliminary cost information regarding both projects is attached.

Please let me know if additional information is needed or if you have any questions.

Sincerely,

Handwritten signature of Tracy Streeter in cursive.

Tracy Streeter
Director

Attachment

cc: Alice Johns, Area Manager, Bureau of Reclamation
Kenny Nelson, Manager, Kansas-Bostwick Irrigation District
Andy Wilson, Manager, Kirwin and Webster Irrigation Districts
Earl Lewis, Kansas Water Office

TS:sl

**DROUGHT ASSISTANCE – KANSAS
REPUBLICAN AND SOLOMON IRRIGATION DISTRICTS
INCREASED RESERVOIR STORAGE CARRYOVER
HARLAN COUNTY LAKE, KIRWIN RESERVOIR, WEBSTER RESEVOIR**

Background

Declining inflows throughout the Republican and Solomon Basins have significantly reduced storage supplies for Irrigation Districts in Southcentral Nebraska and Northcentral Kansas. These areas have suffered effects of the current drought since 2000.

Harlan County Lake - Natural flows in the Republican River and White Rock Creek and storage water from Harlan County Lake in Nebraska and Lovewell Reservoir in Kansas provide the water supply for project lands of the Kansas Bostwick Irrigation District No. 2. Declining inflows to Harlan County Lake has drastically reduced the Districts' water supply for project areas above Lovewell Reservoir. In 2003, the Kansas Bostwick Irrigation District No. 2 delivered 7.5 inches per acres above Lovewell Reservoir. Water delivery projections for 2004 were 2 inches per acre for project lands above Lovewell Reservoir. The District elected not to utilize the limited 2004 irrigation storage in Harlan County Lake and received financial incentives provided by the Kansas Water Office through the Reclamation States Emergency Drought Relief Act of 1991. In 2005, water delivery projections for lands above Lovewell are 1.0 inches per acre.

Kirwin Reservoir - Natural flows in the North Fork of the Solomon River and storage water from Kirwin Reservoir provide the water supply for the Kirwin Unit of the Solomon Division. Higher inflows experienced in the early to mid 1990s provided the project with a stable water supply. As the inflows have declined since the year 2000, the water supplies have been reduced to the levels experienced in the 1980s. Water deliveries for 2004 were approximately 4 inches per acre. Estimated 2005 water delivery projections for the Kirwin Unit are 1.5 inches per acre.

Webster Reservoir - Natural flows in the South Fork of the Solomon River and storage water from Webster Reservoir provide the water supply for the Webster Unit of the Solomon Division. Higher inflows experience in the early to mid 1990s provided the project with a stable water supply. As the inflows have declined since the year 2000, the water supplies have been reduced to the levels experienced in the 1980s. Estimated water deliveries for 2004 were approximately 4 inches per acre. Estimated 2005 water delivery projections for the Webster Unit are 1.5 inches per acre.

Statement of Need

The recent drought has led to historic low inflows to Harlan County Lake and have returned Kirwin and Webster Reservoirs to the lower storage levels of the 1980s. As lake levels drop, fish and wildlife habit also suffers. Lower lake levels can cause problems such as increased noxious weed and invasive species. As water levels recede the bare soil provides optimum growing conditions for Canada thistle. Salt Cedar is a noxious weed that thrives in arid climates and prefers saline rich/nutrient poor soil. Salt Cedar can have severe impacts on ground water levels, surface water flows, and native vegetation. As lake levels drop, new shorelines spread farther from existing park

facilities. New shorelines are often extremely muddy and choked with vegetation, which reduces opportunities for bank fishing, swimming, dock mooring, etc.

Lower lake levels also caused increased water temperature and lower levels of dissolved oxygen. Swanson Lake (2001) and Harry Strunk Lake (2002) in Southwest Nebraska have suffered major fish kills due to low lake levels. Some have estimated that ½ of the total fish population in Swanson Lake was lost, including many trophy size sport fish. Stocking efforts continue but it will take many years to rebuild the trophy size fishery. Harlan County Lake reached a historical low elevation in 2004.

Irrigation Districts in the Republican and Solomon Basins must decide whether or not to take the small amounts of irrigation storage water in the reservoirs and deliver it to the project lands, or to leave the small storage supplies in the reservoirs for future years use.

Benefits

This assistance will provide the Kansas Bostwick Irrigation District No. 2, the Kirwin Irrigation District No. 1, and the Webster Irrigation District No. 4 with incentives for leaving irrigation storage water in Harlan County Lake, Kirwin Reservoir, and Webster Reservoir for future years use. Saving the irrigation storage water for future years use will result in a higher carryover reservoir level, which would provide fish and wildlife and recreation benefits to the reservoir area.

By choosing to leave the storage in these reservoirs, these irrigation districts are providing fish and wildlife benefits, as well as increased recreation opportunities. The higher reservoir levels will increase visitation to the parks surrounding the reservoirs. The higher reservoir levels also will keep water temperatures cooler and oxygen levels higher, which will be more beneficial to fish populations. In addition, the proposed higher levels will improve shoreline access for recreation.

The Kansas Bostwick assistance proposal (combined with a similar proposed project for Bostwick Irrigation District in Nebraska) will result in an estimated increase in reservoir elevation of 0.6 feet in Harlan County Lake and an estimated 187 additional water surface acres. The Kirwin proposal would result in an estimated increase in reservoir elevation of 3.1 feet and an estimated 194 additional water surface acres. The Webster proposal would result in an estimated increase in reservoir elevation of 2.5 feet and an estimated 189 additional water surface acres.

Budget

Drought assistance for irrigation storage left in reservoirs was computed on a graduated scale. The first 2500 acre-feet left in a reservoir was computed at a payment of \$10 per acre-foot, the next 2500 acre-feet was computed at \$5 per acre-foot, and anything over 5000 acre-feet was computed at \$2.50 per acre-foot.

The Bureau of Reclamation provided estimated irrigation storages for Harlan County Lake, Kirwin Reservoir, and Webster Reservoir for May 31, 2005.

Drought Assistance by Reservoir

Reservoir	2005 Estimated Irrig. Storage	Drought Assistance
Harlan County Lake (KS Bostwick Share)	1,200 AF	\$ 12,000
Kirwin Reservoir	3,980 AF	\$ 32,400
Webster Reservoir	3,220 AF	\$ 28,600
		=====
Total		\$ 73,000

Drought Assistance by Irrigation District

Kansas Bostwick Irrigation District No. 2	\$ 12,000
Kirwin Irrigation District No. 1	\$ 32,400
Webster Irrigation District No. 4	\$ 28,600
	=====
Total	\$ 73,000



United States Department of the Interior

BUREAU OF RECLAMATION
Great Plains Region
P.O. Box 36900
Billings, Montana 59107-6900

IN REPLY REFER TO:

GP-3700
ADM-13.00

FEB 11 2005

Mr. Kenneth Nelson
Manager
Kansas-Bostwick Irrigation District
P. O. Box 165
Courtland, KS 67638

Subject: Modification No. 009, to Cooperative Agreement No 99-FC-60-12460, for
Implementation of Water Conservation Measures.

Dear Mr. Nelson:

Enclosed for your records is a duplicate original of the subject modification. This modification reserves additional funds in the amount of \$23,000.00.

Please contact Leatha Frost at 406-247-7818 if you have any questions regarding this matter.

Sincerely,

Kimball Banks
Financial Assistance Officer

Enclosure

PRES.

DEPT.

TRAS.

CLERK

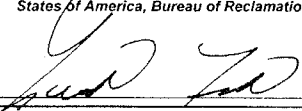
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GLH
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34e7-2278(02-02)
Bureau of Reclamation

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

MODIFICATION OF ASSISTANCE AGREEMENT

PAGE 1 OF

1. MODIFICATION NUMBER 009		2. TYPE OF AGREEMENT <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT		3a. AGREEMENT NUMBER 9-FC-60-12460	
				3b. AGREEMENT DATE 05/11/99	
4. ISSUING OFFICE (NAME, ADDRESS) Bureau of Reclamation Great Plains Region P.O. Box 36900 Billings MT 59107-6900			5. RECIPIENT (NAME, ADDRESS, TELEPHONE) Kansas Bostwick Irrigation District No. 2 P.O. Box 165 Courtland KS 67638 DUNS #: EIN #:		
6. ADMINISTRATIVE POINT OF CONTACT (NAME, ADDRESS, TELEPHONE, E-MAIL) Leatha Frost Bureau of Reclamation Great Plains Region P.O. Box 36900 Billings MT 59107-6900 (406) 247-7818			7. RECIPIENT PROJECT MANAGER (NAME, ADDRESS, TELEPHONE, E-MAIL) Kenneth Nelson, Manager Kansas Bostwick Irrigation District No. 2 P.O. Box 165 Courtland KS 67638 (785) 374-4514		
8. TECHNICAL REPRESENTATIVE (NAME, ADDRESS, TELEPHONE, E-MAIL) Jack Wergin, Hydraulic Engineer Bureau of Reclamation, Nebraska-Kansas Area Office P.O. Box 1607, 203 West 2nd Grand Island NE 68802-1607 308 389-4622, ext 209			9. EFFECTIVE DATE OF MODIFICATION See Block 18a		
			10. COMPLETION DATE OF AGREEMENT December 31, 2006		
11. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF Fish and Wildlife Coordination Act of 1934 It modifies the above-numbered assistance agreement as set forth in Block 3.					
12. FUNDING INFORMATION		RECIPIENT/OTHER		RECLAMATION	
THIS OBLIGATION		\$		\$ 23,000	
PREVIOUS OBLIGATION		\$		\$116,500.00	
TOTAL OBLIGATION		\$		\$139,500.00	
COST SHARE RATIO		%		%	
13. REQUISITION NUMBER					
14. ACCOUNTING AND APPROPRIATION DATA A10-0271-NK01-001-00-0-0-411C-6B30200					
15. DESCRIPTION OF MODIFICATION (Attach additional pages if needed) Project Title: Implementation of Water Conservation Measures. Notice of Additional Reservation of Funds: In addition to funds previously reserved under the above agreement, an additional \$23,000 is hereby reserved to cover payment of all earnings by the recipient through fiscal year 2005. Total funding is now changed from \$116,500 to \$139,500. It is to be expressly understood the Government has no obligation to provide funds in addition to those reserved in writing. <i>Except as provided herein, all terms and conditions of the document referenced in Block 3, as heretofore changed, remain unchanged and in full force and effect.</i>					
16. RECIPIENT IS _____, IS NOT <u>XX</u> , REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO THE ISSUING OFFICE.					
17a. Acceptance of this Modification in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient BY _____ DATE _____			18a. Acceptance of this Modification in accordance with the terms and conditions contained herein is hereby made on behalf of the United States of America, Bureau of Reclamation BY  DATE 2-11-05		
17b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER (Type or print) <input type="checkbox"/> Additional signatures are attached			18b. NAME OF GRANTS AND COOPERATIVE AGREEMENTS OFFICER (Type or print) Leatha Frost Grants and Cooperative Agreements Officer (406) 247-7818		

DOCUMENTS INCORPORATED HEREIN BY REFERENCE:

STANDARD FORM 270

REQUEST FOR ADVANCE OR REIMBURSEMENT (See instructions on back)		OMB APPROVAL NO. 0348-0004		PAGE OF PAGES	
1. TYPE OF PAYMENT REQUESTED Direct Deposit		a. AX@ one or both boxes <input checked="" type="checkbox"/> ADVANCE <input type="checkbox"/> REIMBURSEMENT		BASIS OF REQUEST <input type="checkbox"/> CASH	
		b. AX@ the applicable box <input type="checkbox"/> FINAL <input checked="" type="checkbox"/> PARTIAL		<input type="checkbox"/> ACCRUAL	
3. FEDERAL SPONSORING AGENCY AND ORGANIZATION ELEMENT TO WHICH THIS REPORT IS SUBMITTED BUREAU OF RECLAMATION			4. FEDERAL GRANT OR OTHER IDENTIFYING NUMBER ASSIGNED BY FEDERAL AGENCY 99-FC-60-12460		5. PARTIAL PAYMENT REQUEST NUMBER FOR THIS REQUEST
6. EMPLOYER IDENTIFICATION NUMBER 48-6085927		7. RECIPIENT-S ACCOUNT NUMBER OR IDENTIFYING NUMBER		8. PERIOD COVERED BY THIS REQUEST	
				FROM (month, day, year) 2-7-05	TO (month, day, year) 9-30-05
9. RECIPIENT ORGANIZATION			10. PAYEE (Where check is to be sent if difference from item 9)		
Name :	Kansas Bostwick Irrigation District no. 2		Name :		
Number and Street :	P.O. Box 165		Number and Street :		
City, State and ZIP Code :	Courtland Ks. 66939-165		City, State and Zip Code :		

11. COMPUTATION OF AMOUNT OF REIMBURSEMENT/ADVANCES REQUESTED				
PROGRAMS/FUNCTIONS ACTIVITIES >	(a)	(b)	(c)	TOTAL
a Total program (As of date) Outlays to day	48.9 Pipeline \$ 0.00			\$ 0.00
b Less: Cumulative program income	0.00			0.00
c Net program outlays (Line a minus line b)	0.00			0.00
d Estimated net cash outlays for advance Period	23,000.00			23,000.00
e Total (Sum of lines c & d)	23,000.00			23,000.00
f Non-Federal share of amount of line e	0.00			0.00
g Federal share of amount on line e	23,000.00			23,000.00
h Federal payments previously requested	0.00			0.00
i Federal share now requested (Line g minus line h)	23,000.00			23,000.00
j. Advances required by month, when requested by Federal grantor agency for use in making prescheduled advances	1st month			
	2nd month			
	3rd month			

sent to Jack
2-18-05

12 ALTERNATE COMPUTATION FOR ADVANCES ONLY	
a. Estimated Federal cash outlays that will be made during period covered by the advance	\$ 23,000.00
b. Less: Estimated balance of Federal cash on hand as of beginning of advance period	
c. Amount requested (Line a minus line b)	\$ 23,000.00

13. CERTIFICATION

I certify that to the best of my knowledge and belief the data on the reverse are correct and that all outlays were made in accordance with the grant conditions or other agreement and that payment is due and has not been previously requested.	SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL <i>Kenneth Nelson</i>	DATE REQUEST SUBMITTED 2-18-05
	TYPED OR PRINTED NAME AND TITLE Kenneth Nelson Superintendent	TELEPHONE (AREA CODE, NUMBER, EXTENSION) 785-374-4514

This space for agency use

Public reporting burden for this collection of information is estimated to average 60 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0004), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

INSTRUCTIONS

Use type or print legibly. Items 1, 3, 5, 9, 10, 11c, 11e, 11f, 11g, 11i, 12 and 13 are self-explanatory, specific instructions for other items are as follows:

em Entry

Indicate whether request is prepared on cash or accrued expenditure basis. All requests for advances shall be prepared on a cash basis.

Enter the Federal grant number, or other identifying number assigned by the Federal sponsoring agency. If the advance or reimbursement is for more than one grant or other agreement, insert N/A; then, show the aggregate amounts. On a separate sheet, list each grant or agreement number and the Federal share of outlays made against the grant or agreement.

Enter the employer identification number assigned by the U.S. Internal Revenue Service, or the FICE (Institution) code if requested by the Federal agency.

This space is reserved for an account number or other identifying number that may be assigned by the recipient.

Enter the month, day, and year for the beginning and ending of the period covered in this request. If the request is for an advance or for both an advance and reimbursement, show the period that the advance and reimbursement, show the period that the advance will cover. If the request is for reimbursement, show the period for which the reimbursement is requested.

ote The Federal sponsoring agencies have the option of requiring recipients to complete items 11 or 12, but not both. Item 12 should be used when only a minimum amount of information is needed to make an advance and outlay information contained in item 11 can be obtained in a timely manner from other reports.

1 The purpose of the vertical columns (a), (b), and (c) is to provide space for separate cost breakdowns when a project has been planned and budgeted by program, function, or activity. If additional columns are needed, use as many additional forms as needed and indicate page number in space provided in upper right; however, the summary totals of all programs, or activities should be shown in the "total" column on the first page.

1a Enter in "as of date," the month, day, and year of the ending of the accounting period to which this amount applies. Enter program outlays to date (net of refunds, rebates, and discounts), in the appropriate columns. For requests prepared on a cash basis, outlays are the sum of actual cash disbursements for goods and services, the amount of indirect expenses charged, the value of in-kind contributions applied, and the amount of cash advances and payments made to

Item Entry

subcontractors and subrecipients. For request prepared on an accrued expenditure basis, outlays are the sum of the actual cash disbursements, the amount of indirect

expenses incurred, and the net increase (or decrease) in the amounts owed by the recipient for goods and other property received and for services performed by employees, contracts, subgrantees and payees.

11b Enter the cumulative cash income received to date, if requests are prepared on a cash basis. For requests prepared on an accrued expenditure basis, enter the cumulative income earned to date. Under either basis, enter only the amount applicable to program income that was required to be used for the project or program by the terms of the grant or other agreement.

11d Only when making requests for advance payments, enter the total estimated amount of cash outlays that will be made during the period covered by the advance.

13 Complete the certification before submitting this request.

KANSAS BOSTWICK IRRIGATION DISTRICT NO. 2

Phone (785) 374-4514
Fax (785) 374-4305
E-Mail: kbid@courtland.net

528 Main Street
PO Box 165
Courtland KS 66939-0165

ELVIN C. HOBSON, Pres.
Courtland KS 66939
Phone 785-361-4863

GARY L. HOUSHOLDER, Treas.
Scandia, KS 66966
Phone 785-335-2895

BRAD D. PETERSON, SEC.
Courtland, KS 66939
Phone 785-374-4330

KENNETH E. NELSON, Supt.
Courtland, KS 66939
Home Phone 785-374-4283
Bus. Phone 785-374-4514

DOUGLAS G. SIMMS, Attorney
Belleville, KS 66935
Phone 785-527-5316

1 September 2005

Susan Metzger
Kansas Water Office
901 S Kansas Ave
Topeka KS 66612-1249

Dear Ms. Metzger:

As per our Memorandum of Agreement for drought assistance signed by our Board President Elvin C. Hobson on August 8, 2005 would you please forward \$12,000.00 financial assistance to complete the agreement. We truly appreciate your assistance in this matter.

Sincerely,



Kenneth Nelson
Superintendent

enclosure

KANSAS BOSTWICK IRRIGATION DISTRICT NO. 2

Kenneth E. Nelson, Supt.
Courtland, Ks 66939
Home Phone (785) 374-4283
Bus. Phone (785) 374-4514

PO BOX 165/528 Main Street
Courtland KS 66939-0165
Fax (785) 374-4305
E-Mail: kbid@courtland.net

19 January 2005

Randy Jackson
Bureau of Reclamation
PO Box 25007
Denver CO 80225

Dear Mr. Jackson:

Please accept this 2025 proposal on behalf of Kansas Bostwick Irrigation District and Bostwick Irrigation District of Nebraska. If there are any questions or need for further material please contact me at the address on this letter head.

Sincerely,



Kenneth Nelson
Superintendent

enclosures