

Mike Johanns

February 27, 2003

Director

DEPARTMENT OF NATURAL RESOURCES

IN REPLY REFER TO:

Roger K. Patterson

Roy Patterson RR 3 Box 223 Cambridge, NE 69022

Dear Mr. Patterson:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

The States of Kansas and Nebraska in cooperation with the Bureau of Reclamation are hosting an information meeting to explain these proposals and to solicit you input. The meeting will be held March 14, 2003, 10:00 a.m. at the Elks Lodge, 230 N Central Ave, Superior, Nebraska. I would like to encourage you and your board members to join your neighbors from Kansas to learn about these proposals and give us your input.

Sincerely,

Roger K. Patterson

Director

ab



Mike Johanns Governor February 27, 2003

DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

IN REPLY REFER TO:

Ed Schrock RR 1 Box 57 Elm Creek, NE 68836

Dear Mr. Schrock:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Roger K. Patterson

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Mike Johanns Governor

DEPARTMENT OF NATURAL RESOURCES Roger K. Patterson Director

February 27, 2003

IN REPLY REFER TO:

Donald Suda PO Box 289 Palisade, NE 69040

Dear Mr. Suda:

As part of the settlement of the Kansas v. Nebraska lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Neil Stuhmer PO Box 775 Alma, NE 68920

Dear Mr. Stuhmer:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Roger K. Patterson

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Mike Johanns Governor February 27, 2003

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Roger K. Patterson

Director

DEPARTMENT OF NATURAL RESOURCES

IN REPLY REFER TO:

Ray Winz 11646 727 Rd Holdrege, NE 68949

Dear Mr. Winz:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger **W**. P Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Terry Woollen RR 1 Box 146 Alma, NE 68920

Dear Mr. Woollen:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Robert Hipple PO Box 1140 Imperial, NE 69033

Dear Mr. Hipple:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Pa Director

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Mike Johanns Governor February 27, 2003

DEPARTMENT OF NATURAL RESOURCES Roger K. Patterson Director

IN REPLY REFER TO:

Dan Smith PO Box 81 Curtis, NE 69025

Dear Mr. Smith:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Michael Clements PO Box 618 Alma, NE 68920

Dear Mr. Clements:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns
Governor

February 27, 2003

IN REPLY REFER TO:

Roger K. Patterson

Director

DEPARTMENT OF NATURAL RESOURCES

John Thorburn 1308 – 2nd St. Holdrege, NE 68949

Dear Mr. Thorburn:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns Governor February 27, 2003

Roger K. Patterson
Director

DEPARTMENT OF NATURAL RESOURCES

IN REPLY REFER TO:

Roy Patterson Manager Frenchman-Cambridge Irrigation District PO Box 116 Cambridge, NE 69022-0116

Dear Mr. Patterson:

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Sincerely,

Roger K. Patterson

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Don Felker PO Box 297 Culbertson, NE 69024

Dear Mr. Felker:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Sincerely,

Roger K. Patterso

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Kirk Nelson Nebraska Game and Parks Lincoln, NE

Dear Mr. Nelson:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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Roger K. Patterson

Director

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Mike Johanns Governor DEPARTMENT OF NATURAL RESOURCES
Roger K. Patterson
Director

February 27, 2003

IN REPLY REFER TO:

Michael Delka PO Box 446 Red Cloud, NE 68970

Dear Mr. Delka:

As part of the settlement of the <u>Kansas v. Nebraska</u> lawsuit, the States agreed to collaborate with the U. S. Bureau of Reclamation to develop system improvements so that we may make better use of the Republican River Basin water supply. During the settlement negotiations, the U.S. Bureau of Reclamation and the States developed a number of proposals to improve system efficiency in the Lower Republican Basin in Nebraska and Kansas. The States and the Bureau also agreed to cost share in the feasibility studies needed to move forward with these proposals.

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#### LOWER REPUBLICAN RIVER BASIN APPRAISAL STUDY

Kansas, Nebraska and the Bureau of Reclamation are conducting an Appraisal Study of the Lower Republican River Basin from Harlan County Reservoir in Nebraska to Milford Reservoir in Kansas. The purpose of the Appraisal Study is to identify one or more solutions to better utilize the water supply in the Lower Republican Basin and to determine if there is a Reclamation interest in a more detailed Feasibility Study. The Appraisal Study is a brief preliminary investigation using existing data and information to identify plans for meeting current and projected needs and problems of the area. The Study needs to identify only one potential solution or an array of options that have been screened and evaluated to substantiate potential Federal involvement. Not all possible solutions need to be evaluated in an Appraisal Study. If one potential solution can be identified that meets the criteria for proceeding to the more detailed Feasibility Study, the study can be concluded and the recommendation made that there is sufficient Federal interest to proceed to a Feasibility Study.

This Appraisal Study is a follow-up to efforts that took place in proceedings of the recent lawsuit among Kansas, Nebraska, and Colorado over the use of Republican River Basin water. This lawsuit is being resolved in an out of court settlement agreed upon by the involved states with the approval of the U.S. Justice Department and the Special Master.

The Lawsuit Negotiating Team received input from Reclamation regarding various possible proposals that could be considered and which could help alleviate some of the water shortage concerns. From the 13 proposals that were developed the States recommended priorities be given to four individual proposals or proposal combinations when conducting further study and analysis. This Appraisal Study will initially analyze these proposals to see if there is sufficient Federal interest to recommend a Feasibility Study. These initial proposals are:

- Proposal B. Courtland Canal Automation, Reshape Canal Prism, Winter Operation
- Proposal C1. Increase Lovewell Reservoir Capacity 16,000 Acre-Feet.
- Proposal C2. Increase Lovewell Reservoir Capacity 35,000 Acre-Feet.
- Proposal G. Off-Stream Storage, Kansas Tributaries, Beaver Creek.

Hydrologists are currently working on updating and extending previous water operation studies that were utilized when the Republican River Basin contracts with the Irrigation Districts were renewed. The Consensus Plan for Operating Harlan County Lake that was agreed upon by Reclamation and the Army Corps of Engineers will be incorporated into this Study. This agreement provides for sharing the decreasing water supply into Harlan County Lake. It also provides a consistent procedure for updating the reservoir elevation/storage relationship, sharing the reduced inflow and summer evaporation, and providing a January forecast of irrigation water available for the following summer.

It is planned to have the Appraisal Study completed by the end of this calendar year. If there is a need for further federal involvement, a Feasibility Study will be required to be authorized and funded. The earliest a Feasibility Study could commence would be October 1, 2004. For feasibility studies, there is a requirement that 50% of the study costs be paid by the non-Federal partners.