

We get a letter from the Bureau  
~~@ the end~~ regarding H<sub>2</sub>O volume  
in Harlan Co Reservoir

- they send it out every month
- we forward it to Kansas  
with another letter.

\* The December 31st letter trumps  
all later letters (may change if  
if huge influx of H<sub>2</sub>O)  
because they set irrigation amounts

Complete this report mid-Sept  
through mid-June

call up Marv

---

Need to talk w/ Mike & Shabai re: non-Federal  
reservoir evap.

Need to get list pared down based on storage  
capacity

could retire thousands of acres of evap.

Mike wants to get our staff in order before  
we make it an issue.

---

Need a letter to the NRTDs asking  
if they have survey data on the wells

Jeremy Fusner - Olsson Assoc.

Red Cloud

Met w/ Ann - Mike, Pam, Brian, Ann, Jim S, Jim W

After the hearing - Ann spoke w/ Jody Gittins

Much of what was said in the hearing was not correct  
we need to do a rebuttal paper

Senator Flood wants to put together a water bill  
- roll in pit bill & Carlson's vegetation bill

Ann's thoughts

- Our job is to set the limits within which the NRDs work
- 962 sets out much of this
- Must comply with the compact.
- You can exercise local control to get this done
- Want to maintain beneficial use (subject to the above)
- Equitable apportionment among all users

The key - where there is an interstate agreement,  
DNR determines how much H<sub>2</sub>O can be used  
- DNR would determine how to divide it up  
unless they could agree amongst themselves

1. Determine H<sub>2</sub>O used as a state
2. Divide into subareas & by NRD (Vol.)  
↳ user H<sub>2</sub>O      ↳ user

Have to have a timeline - we could do this on a 2-3

Mtg w/ Ann, cont.

Purpose is to comply w/ compact & LB 962

Ann has done a lot of thinking re: conservation

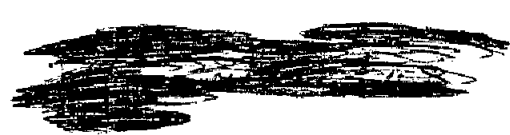
Precip is the only real inflow, except for mound

Conservation activities are a big consumer - provides some to the crops, some goes to deep percolation - cuts runoff to zero

we need to know the ratio

Tax → use money for Compact Compliance in dry years

We need some flexibility - dry years leasing or augmentation plan



Prior to August 1

↳ We have to present a plan to RRCA committee

The idea is to put into legislation a sw buyout of ~\$3M  
We'll build in the option to "cell" sw allocations

We'll suggest March 1, of each year - certify acres & acreage  
- certified by board; may delegate to manager

Brad's spreadsheet	FV	6,400	\$640,000	100	174.29
	Riv	2,000	120K	60	95.54
Frenchman Valley	Best	15,000	3,000,000	200	381.32
Riverside	FC	26,000	10,400,000	400	454.78
Bostwick					
Frenchman Cambridge					

cost per acre ft      cost per acre-ft/acre

1 MAR 2007

→ OF \_\_\_\_\_

## 52 Discussion of funding

Brad - public doesn't see temporary buyouts as a good thing  
maybe we should ~~the~~ look at permanent solutions

---

Ann needs to get a letter to the Bureau regarding  
how the water would be routed - river or canal?  
Steve Chick (sp?) said timing should mimic  
regular irrigation schedule.

Brad - we lose more, the longer we wait, but  
we have to get approval in NEPA process

Will Bureau costs assoc. w/ NEPA & contract administration  
be paid by state

Who consults w/ Corps? Bureau or the state?

---

Governor is at Ag conference - 94% is irrigation  
so a lot of the people believe irrigators should  
pay 94% of the cost.

---

Ann will be writing reputations letter

3-12-2007

1 OF

Conference Call - Bostwick Irrigation District

Mike Delka - manager

Rod Ely

Jim Miller

Walt Kuehans

} Board

Noted: IMP says the NRD can't deduct SW, if not applied to land  
Do we know how many consingled acres there are?

Mike Thompson - not until NRD tells us

- their guess - 25%, but they've heard maybe 30%

Mike T assumes there are fewer consingled

They agreed, except where they have a pivot fed by both.

→ we/they will not put anything in contract re: pumping

Walt: a lot of them are thinking

1 1/2" last year for \$109, w/ \$2 corn

3" this " " \$218, w/ \$4 corn

So they want 23,000 x 418 (why not 436?) =

Personal notes - what % is base flow / what % is surface runoff?

has this changed over last 20 yrs?

Proposed Allocations

13 JUN 2007  
1017

Mtg: Ann, Jim S, Paul H, Jim Williams

Ann wants chart of depletions by NRI  
to show them

Chart - Table with # wells per NRI  
showing increase over time

- Table with irrigated acres

- Pumpage Volumes

(Something on Tri-Basin)

Send out allocations under schemes  
table w/ depletions over time

1-2 pg write up re: tribasin

percentage precip	LRNRD	32%
	M	39%
	U	28%

AVERAGE

~~LRNRD~~

LRNRD  
MRNRD  
UNNRD

AVERAGE	DRY	pumping %
6.5 25%	3.5	22%
8.0 29%	5.0	30%
8.5 46%	5.5	48%

Talk w/ governor - don't want more than 3-year allocation  
 - start w/ 35%  
 - work up from there  
 - w/ SW BUYOUTS etc.

doesn't want to be locked into a number that's too high

doesn't want to go to international H<sub>2</sub>O review board

People of the state want a new cut

Not a good thing for FED to take over

If you did it by CIR  
Precip.

Need to think about

→ Need nos. for 2006 consumptive use in NE  
 Plug in nos. for 2007 - w/ higher stream flows

John Thorburn

6-21-2007

Projected Depletions - Average

Does this include IWS offset?

split - why is the split after ET?

subtracted modeled annual reduction  
in baseflow?

Why do we not see more IWS effect  
from Ellwood Reservoir?

has leaked 30-40k ACFT/yr  
model shows insignificant contribution from  
reservoir. Jim & Paul have copies  
of the report.

FINAL: DNR'S INVENTORY OF SMALL DAMS

JOHN THINKS THERE IS A LOT OF POTENTIAL  
TO SPILL - many owners don't like cattle  
drinking out of them.

Jasper 308 882 5173

Annual reduction in baseflow?

If starting w/ 2007  
why not starting @ same place  
Projected Depletions  
KAT/Year. not...

DEPLETION  
TRAINING  
can't take  
90 mile  
to future  
supply  
gets us  
no reduction  
stream flow  
MODEL  
CALIBRATES  
@ 3-4k  
not  
not



1. Mtg w/ A.G. - DNR & A.G. now together on rules
2. " " governor in a.m.
  - upset w/ NRD Managers
  - sternly told Thorburn that he will do the right thing for the state, not counting votes for next election
  - NRD's told governor  
(we're where we need to be - Jasper  
(12" based on DNR data - Dan

3. p.m. meeting w/ governor 6:15 - 8:15

He said to go ahead and approve plans but have clear triggers at which lower pumping levels would kick in

Dan told him that this is a change in position  
- he agreed, understood

---

Thursday - we were told that everything we release has to go through A.G.'s office first.

---

# Conference Call w/ Mike McDonald

Ann  
 Jim S.  
 Paul  
 Jim W.

} in Lincoln

Chuck } on phone  
 Mike }

KS A.G. resigned effective as of the end of the month  
 Dave Barfield called to ~~let~~ let us know a letter is coming tomorrow saying that we are out of compliance and demanding remedy

Barfield - Engineer in KS  
 Dick Wolf - new engineer in ~~KS~~ CO

- Ann stated that we need to respond
- just want to tee up the issue, no need to solve
- Mike - recapped conversation w Jim S. this a-w-
- unfavorable results (CIBCU) are during declining seasons
- during increasing seasons it may go in our favor
- nonlinearity goes away for a steady state model, implying a crossover point.
- if you stabilize pumping, so that the variability changes only due to precip
- Chuck - does this hold with weather patterns in future scenario?
- Jim S - 1993 impacts were worse w/ mound off
- Mike - it's my instincts, nothing proven yet

Mike - Jim mentioned

During a declining time (it is politically more difficult) so you don't want to exaggerate CBEU 20F

Ann - given the fact you can do this in different ways, why do they not match.

Mike - This issue is — (up through pg 3)  
(Mike quoted what he was saying)

---

15:30 Ann has to leave - call contingent

Mike will get back to us with something

- Paragraph from EBY is poorly written.

- leave it in---

- use Table 1 to imply that the imported water is the cause of the difference.

---