

Roll Call

Rec in Mt

NE Brad
Jim

Jack - Bureau

Doug Christianson Lincoln

KS Jim
George ^{Austin in} Toyeka
Mark Stockton

CO Megan

Marv joined
10:11

Dave Barfield
10:12

Agenda - Nothing added

1. Update on Darrel's work

Most work - monitoring of terraces
3 in NE
2 in KS

1 NE
1 KS

One type - level Bench, closed - curves around the hill
terrace is so wide, H₂O spreads it out thinly - most H₂O to root zone

1 NE
1 KS

2nd type - V-notch - still closed, but not nearly as wide - 30' so a higher percentage will go into recharge

3rd type - Ends not curved up to stay in channel. H₂O can flow out (further east terraces have tile or pipe to channel H₂O out of terrace

They got soil cores to 25' from bottom ^{of} ~~the~~ channel & on side of terrace

Findings - Recharge in the basin is event-based started wet, so rains this week will push H₂O to recharge to GW

Also installed soil moisture monitoring equip. continuously logging over time

Rain gages

Area-velocity meter for flow out of open-ended channel

Not enough progress w/ ET device monitoring from a reservoir - can't see surrounding dry land or cows rubbing on it.

They will send a copy of what they found to the growers - coming out soon - we'll get it by email

The question was posed - can a preliminary report be presented to compact administration

Jim

Modeling a terrace system - ready to share

Looking @ over/under irrigation & implications for recharge

Reservoirs: now has stage/storage for 10 reservoirs in MS

- estimate of seepage

- will try to back out runoff curves rather than using "book" numbers

Jim (cont.)

NRCS had a technical review of the project but no results forthcoming yet.

Takes 3 land uses } contributing area
to model a } channel
terrace } intermediate bench

[Comment - run it with terrace & w/o & see the difference]

Jim again

Can't calibrate a 7 watersheds - just one or two - they'll extrapolate from there

If terraces are increasing recharge (which is a given) then the location of recharge has changed. Usually would have run off & recharged the alluvium - no recharge is in the upland.

He hasn't seen the trip report from Water Management Center - Dave Barfield & Darrel Gaddit see it either

They'll get a copy to Dennis - Jim & I need to take a look @ it

Question was raised - a one day face-to-face in the next month or so?

Dave Barfield expressed frustration that we didn't know more about the NRCS concerns & this draft report floating out there

They have mapped all the terraces in H&E CO but they don't have them acres totalled

Brad
Megan

~~Reported~~ our work

Didn't say much

Schedule for Status Report
with RRC Administration date of
Started August 14/15 {in Junction City}
Marriott Center

Due May 1, but we don't expect it
until late May in draft form

FRI July 27

Drop - dead deadline for final copy FRI

July 13

Committee's final call, look-see, comments back
to Bureau

June 1

June 15

Near-final draft

States cost-share due
Jim & Danneel reports due

We cannot
costs May 1
through Apr 30th

Week of May ~~7/17~~ ^{May 30th} Wed ~~8th~~ Seton Hall 134
a review of Jim's modeling in Manhattan