

[Brown Bag Video on panopto.com](#) [Brown Bag Website](#)

0:00:00 Sharon Megdal Intro

0:04:56 Jennifer Gimbel Intro

0:09:25 Steve Wolff Presentation [Slides](#)

0:10:42 Southwestern Water Conservation District

0:12:02 Upper Colorado Compact

0:12:42 Upper Colorado River Commission (UCRC), authority on curtailment but not administration within states

0:13:40 Apportionment between states

0:15:30 CRSP Initial units, 26 maf storage, below most water users

0:16:45 Upper Basin DCP

0:17:30 Why protect Lake Powell, compact compliance, hydropower, power revenue, ESA, Salinity, money for UB infrastructure

0:18:45 Drought Response Operations Agreement (DROA)

0:21:08 Demand Management Storage Agreement, Outstanding issues

0:22:50 How do we protect system in short term, infrastructure, water supply, renegotiations

0:23:40 Upper Basin Considerations

- UB takes shortages nearly every year, LB doesn't, inadequate storage
- UB accounts for all losses, LB doesn't
- III(d) Non depletion obligation, problem is not overuse, its hydrology, climate change, does the 75 maf obligation still exist

0:27:00 Jim Lochhead Presentation [Slides](#)

0:27:00 Denver Water intro

0:29:11 Upper Basin/Lower Basin differences

- Lower Basin enjoyed secure/stable water supply
- Lower Basin has grown significantly and faster, as feared in 1922
- In 1922 LB used 3 ½ million af, today well over 8.5 million af

0:30:30 Lower Basin not guaranteed a water supply, Secretary of Interior is LB water master and may reduce deliveries under contracts, UB limited by hydrology, natural limit

0:31:30 Denver Water aggressively conserving water, using the same amount as '70's for 600,000 more people, LB gets to bank this conservation, UB doesn't.

0:32:50 UB 2.3 maf in 1922, today 3.8 maf consumptive use, 4.2 maf with losses, 1.4 maf increase in 100 years

0:33:55 Elevation of Lake Powell and tiers

0:37:00 Reclamation has no operating experience at these elevations, dam safety, how much water can be passed through bypass outlets, City of Page intake 3490'

Need to reduce deliveries regardless of guidelines

0:38:30 Releases for lower tiers under guidelines

0:39:09 Lake Mead elevation and tiers, Tier 1 shortages

0:40:30 Total LB and UB Depletions graph, 12 maf river

0:43:30 **We need very drastic changes in demand to meet current and future challenges**

0:43:50 LB Shortages in existing 2007 guidelines were inadequate when negotiated, proven inadequate

0:45:00 Checking accounting, savings account, LB is overdrawing checking account, water pulled from the saving account, Lake Powell, savings account is depleted. Very difficult situation requires correction of the mass balance equation. Reductions in water use well beyond what has happened so far.

0:46:00 Jennifer Gimbel wrap up

0:47:10 QA

0:47:10 Does hard pause on Demand Management by CWCB mean Upper Basin DM is over?

0:50:38 Can Lower Basin entities fund Upper Basin Demand Management. Lower Basin did fund the pilot program in 2015-2018. I think I asked this, I was specifically asking about Article III(a) requiring :exclusive beneficial consumptive use of UB water in the UB

0:52:20 Effects of climate change on Colorado River, Ag, Food security. DM help or hurt

0:54:00 Does Article IV(b) preclude pressuring Upper Basin Ag and Domestic use for Hydropower since its a lower priority use

Steve: Can't take water for Hydropower but Bureau can protect infrastructure

0:55:58 Can Lower Basin entities call Upper Basin reservoirs like Dillon under Article III(e) if they don't get the releases required under the 2007 Interim Guidelines

Jim: Short answer no. A call would lead to protracted litigation, all parties are committed to avoiding litigation.

0:57:48 Tony Davis (Arizona water reporter), What's the future of Lake Powell, is it going to survive or not?

Steve: figure the elevation you need to protect and match inflows and outflows

Jim: agrees, current trajectory needs to change, need to build bank account

Steve: Have serious concerns about running water through bypass tubes

1:00:43 How do tribal water rights come into play

Jim: Colorado Ute water rights are quantified

Jennifer: What about other states, NM?

1:02:39 Jay Winer Is there a future for non Indian Ag in Colorado if those tribes fully put their water rights to use. How do you let those tribes use their water rights without stopping non Indian Ag (This is why I have concerns with The Nature Conservancy and Celene Hawkins sitting on CWCB representing West Slope farmers while they also work for Ten Tribes)

Steve: You should talk to the tribes

1:03:51 How does a lower elevation in Lake Powell create safety or infrastructure issues?

1:05:10 Do you support a Mississippi pipeline to augment the Colorado

Jim: Not realistic

1:06:38 Expand on Reclamation concerns about running the river through dam

1:07:20 Governor Ducey's plan to capture flood water from the east and piping them to the Colorado (already answered)

1:08:13 Sharon Megdal wrapup