

Republican River
Increasing Water Supply via Inter-Basin Transfer

Questions to address/answer:

- (1) Ignoring legal issues, is surface water or ground water best?
- (2) Given legal constraints, is surface water / ground water transfer possible?
- (3) How would the water be accounted in RR compact?
- (4) What is the efficiency of the transfer process? (Ac. Ft. credit / Ac. Ft. leased)
- (5) What constraints would there be due to Platte considerations?
 - (a) What is the consumptive use per acre that would be available to transfer?
 - (b) What is the maximum number of acres or acre feet of water available for transfer / lease?
 - (c) What if any compensation to those indirectly adversely affected would be required?
- (6) Assuming groundwater must be used for transfer, surface water could be used for:
 - (a) Use CNPPID water to provide recharge for well fields
 - (b) Put additional water into Elwood Reservoir in spring, fall
- (7) What would the cost be? (Determined by the constraints / decisions in 1-5)
- (8) Is the cost feasible to fund?