

Agricultural Water to Municipal Use:  
The Legal and Institutional Context for Voluntary Transactions in Arizona

SURVEY QUESTIONS

**{District Name}**

1. What is the nature of your organization(s)?
  - An irrigation district?
  - A water company?
  - An irrigation water delivery district?
  - A cooperative?
  - A conservancy district?
  - A county improvement district?
  - A conservation and drainage district?
  - Other? Please explain.
  
2. Is your organization run by a board of directors?
  - yes
  - no
  
3. What is the size of your board? \_\_\_\_\_
  
4. How is the board elected?
  - All registered voters?
  - Property owners only?
  - Weighted by number of acres owned?
  - Other?
  
5. Are day-to-day operations handled by a manager appointed by the board?
  - yes
  - no

6. Do you serve water to both farmers and municipal/industrial users? \_\_\_\_\_  
yes  
no

7. Are you a potable water provider?  
yes  
no

8. What is the size of your organization in acres? \_\_\_\_\_  
How many members are in your organization? \_\_\_\_\_

9. In your organization:

a. How many acres are under cultivation? \_\_\_\_\_

b. What is the annual crop acres total? \_\_\_\_\_

c. What is the crop mix (type and percent)? \_\_\_\_\_

d. How much land is typically fallowed? \_\_\_\_\_

10. What types of water rights do you have?

surface water \_\_\_\_\_ %

groundwater \_\_\_\_\_ %

CAP water \_\_\_\_\_ %

Colorado River water \_\_\_\_\_ %

effluent \_\_\_\_\_ %

11. How much water do you annually withdraw or divert? \_\_\_\_\_

\_\_\_\_\_

12. Who holds the water rights?  
the district?  
individual land owners?

13. Are the water rights quantified?  
yes  
no  
If so, what is the quantity? \_\_\_\_\_

14. If the organization holds the rights, how is water provided to the farmers?  
By agreement (e.g., by-laws)?  
Contract?  
Informal understanding?

15. What kinds of rules and regulations do you have for the distribution and use of water?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. Has your organization or have your members engaged in voluntary water *conversions*? By conversions, we mean a transaction that keeps the water within the organization's boundaries but changes the purpose of use, for example, from agricultural to municipal and/or industrial.  
yes  
no

17. Has your organization or have your members engaged in voluntary water *transfers*? By transfers, we mean changes in the physical place of use from inside the organization to outside the organization.  
yes  
no

18. Has your organization or have your members engaged in *water exchanges*? By water exchanges, we mean the substitution of one water supply for another, for example, CAP water for groundwater.
- yes
  - no
19. Have these transactions been:
- temporary,
  - permanent or
  - both?
20. What form have these transactions taken?
- Leases?
  - Sales?
  - Forbearance agreements?
  - Dry year options?
  - Fallowing programs?
21. How has the water physically been moved?
- A canal.
  - A river as transport.
  - In lieu of groundwater exchange.
  - Other. Please explain.
22. In your organization, who makes the decisions as to whether a transaction will take place?
- The board.
  - Individual land owners.
23. If the land owner makes the decision, does the board possess veto power or otherwise control the ultimate decision?
- yes
  - no

24. If a transaction occurs, how are the revenues and costs distributed within the district?

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25. Have these transactions taken into account the impacts on

other farmers,  
land owners,  
individuals,  
businesses, or  
local governments?

If so, how? \_\_\_\_\_

26. What is the range of prices paid for the water in these transactions? \_\_\_\_\_

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27. Do you have an explanation for why the prices have varied? \_\_\_\_\_

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28. Does your organization have different allocations for agriculture and for municipal and industrial purposes?

yes

no

29. Are there different classes of water within your organization?

yes

no

30. How is the decision made to change or increase the allocation from one purpose to another?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

31. Is your organization generally in favor of or opposed to *transfers* of water? If opposed, has the organization taken steps to make it more difficult to *transfer* water?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

32. If your organization is in favor of *transfers*, have you encountered legal restrictions that have prevented *transfers* from moving forward?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

33. If your organization receives CAP water or has a CAP contract, has the nature of your water right complicated the process for *transferring* water?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

34. If your organization has *not transferred* water, do you expect to enter into such transfers in the near future?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

35. In your experience, has any government agency (federal, state, local) acted to facilitate *transfers* or to impede them?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

36. Is there any additional information or insight that you would like to share?

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Thank you. Please return the questionnaire in the enclosed, postage-paid envelope.

\_\_\_\_\_  
Signature of person filling out questionnaire

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Organization

\_\_\_\_\_  
Web site

\_\_\_\_\_  
Address

\_\_\_\_\_  
City

State

Zip

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Email