

REFERENCE TITLE: watershed health; use; survey

State of Arizona  
House of Representatives  
Fifty-sixth Legislature  
First Regular Session  
2023

## **HB 2522**

Introduced by  
Representatives Stahl Hamilton: Aguilar, Austin, Bravo, Cano, Contreras P,  
De Los Santos, Mathis, Schwiebert, Seaman, Travers

AN ACT

AMENDING SECTIONS 45-101, 45-105, 45-151, 45-152.01 AND 45-172, ARIZONA  
REVISED STATUTES; RELATING TO WATERS.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Section 45-101, Arizona Revised Statutes, is amended to  
3 read:

4 45-101. Definitions

5 In this title, unless the context otherwise requires:

6 1. "Appropriator" means the person or persons initiating or  
7 perfecting the right to use appropriable water based on state law, or the  
8 person's successor or successors in interest.

9 2. "Department" means the department of water resources.

10 3. "Director" means the director of water resources, who is also  
11 the director of the department.

12 4. "ECOLOGICAL WATER NEEDS" MEANS WATER SUFFICIENT TO SUSTAIN  
13 FRESHWATER ECOSYSTEMS, INCLUDING RIPARIAN AREAS, AND THE WILDLIFE HABITAT,  
14 HUMAN LIVELIHOODS AND WELL-BEING THAT DEPEND ON THOSE ECOSYSTEMS.

15 ~~4.~~ 5. "Effluent" means water that has been collected in a sanitary  
16 sewer for subsequent treatment in a facility that is regulated pursuant to  
17 title 49, chapter 2. Such water remains effluent until it acquires the  
18 characteristics of groundwater or surface water.

19 ~~5.~~ 6. "Groundwater" means water under the surface of the earth  
20 regardless of the geologic structure in which it is standing or moving.  
21 Groundwater does not include water flowing in underground streams with  
22 ascertainable beds and banks.

23 ~~6.~~ 7. "Interstate stream" means any stream constituting or flowing  
24 along the exterior boundaries of this state, and any tributary originating  
25 in another state or foreign country and flowing into or through this  
26 state.

27 ~~7.~~ 8. "Riparian area" means a geographically delineated area with  
28 distinct resource values, that is characterized by deep-rooted plant  
29 species that depend on having roots in the water table or its capillary  
30 zone and that occurs within or adjacent to a natural perennial or  
31 intermittent stream channel or within or adjacent to a lake, pond or marsh  
32 bed maintained primarily by natural water sources. Riparian area does not  
33 include areas in or adjacent to ephemeral stream channels, artificially  
34 created stockponds, man-made storage reservoirs constructed primarily for  
35 conservation or regulatory storage, municipal and industrial ponds or  
36 man-made water transportation, distribution, off-stream storage and  
37 collection systems.

38 ~~8.~~ 9. "Sanitary sewer" means any pipe or other enclosed conduit  
39 that carries, among other substances, any water-carried wastes from the  
40 human body from residences, commercial buildings, industrial plants or  
41 institutions.

42 ~~9.~~ 10. "Surface water" means the waters of all sources, flowing in  
43 streams, canyons, ravines or other natural channels, or in definite  
44 underground channels, whether perennial or intermittent, floodwater,  
45 wastewater or surplus water, and of lakes, ponds and springs on the

1 surface. For the purposes of administering this title, surface water is  
2 deemed to include central Arizona project water.

3 11. "WATERSHED HEALTH USES" MEANS WATER THAT IS CONSERVED IN A  
4 NATURAL WATERCOURSE AND NOT OTHERWISE USED AND THAT SUPPORTS THE  
5 ATTRIBUTES OF WATERSHED HEALTH FOR AN INDIVIDUAL WATERSHED AS PRESCRIBED  
6 IN THE REPORT REQUIRED BY SECTION 45-105, SUBSECTION B.

7 Sec. 2. Section 45-105, Arizona Revised Statutes, is amended to  
8 read:

9 45-105. Powers and duties of director

10 A. The director may:

11 1. Formulate plans and develop programs for the practical and  
12 economical development, management, conservation and use of surface water,  
13 groundwater and the watersheds in this state, including the management of  
14 water quantity and quality.

15 2. Investigate works, plans or proposals pertaining to surface  
16 water and groundwater, including management of watersheds, and acquire,  
17 preserve, publish and disseminate related information the director deems  
18 advisable.

19 3. Collect and investigate information on and prepare and devise  
20 means and plans for the development, conservation and use of all  
21 waterways, watersheds, surface water, groundwater and groundwater basins  
22 in this state and of all related matters and subjects, including  
23 irrigation, drainage, water quality maintenance, regulation of flow,  
24 diversion of running streams adapted for development in cooperating with  
25 the United States or by this state independently, flood control, use of  
26 water power, prevention of soil waste and storage, conservation and  
27 development of water for every useful purpose.

28 4. Measure, survey and investigate the water resources of this  
29 state and their potential development and cooperate and contract with  
30 agencies of the United States for such purposes.

31 5. Acquire, hold and dispose of property, including land,  
32 rights-of-way, water and water rights, as necessary or convenient for the  
33 performance of the groundwater and water quality management functions of  
34 the department.

35 6. Acquire, other than by condemnation, construct, improve,  
36 maintain and operate early warning systems for flood control purposes and  
37 works for the recovery, storage, treatment and delivery of water.

38 7. Accept grants, gifts or donations of money or other property  
39 from any source, which may be used for any purpose consistent with this  
40 title. All property acquired by the director is public property and is  
41 subject to the same tax exemptions, rights and privileges granted to  
42 municipalities, public agencies and other public entities.

43 8. Enter into an interagency contract or agreement with any public  
44 agency pursuant to title 11, chapter 7, article 3 and contract, act

1 jointly or cooperate with any person to carry out the purposes of this  
2 title.

3 9. Prosecute and defend all rights, claims and privileges of this  
4 state respecting interstate streams.

5 10. Initiate and participate in conferences, conventions or  
6 hearings, including congressional hearings, court hearings or hearings of  
7 other competent judicial or quasi-judicial departments, agencies or  
8 organizations, and negotiate and cooperate with agencies of the United  
9 States or of any state or government and represent this state concerning  
10 matters within the department's jurisdiction.

11 11. Apply for and hold permits and licenses from the United States  
12 or any agency of the United States for reservoirs, dam sites and  
13 rights-of-way.

14 12. Receive and review all reports, proposed contracts and  
15 agreements from and with the United States or any agencies, other states  
16 or governments or their representatives and recommend to the governor and  
17 the legislature action to be taken on such reports, proposed contracts and  
18 agreements. The director shall take action on such reports, if authorized  
19 by law, and review and coordinate the preparation of formal comments of  
20 this state on both the preliminary and final reports relating to water  
21 resource development of the United States army corps of engineers, the  
22 United States secretary of the interior and the United States secretary of  
23 agriculture, as provided for in the flood control act of 1944 (58 Stat.  
24 887; 33 United States Code section 701-1).

25 13. Contract with any person for imported water or for the  
26 acquisition of water rights or rights to withdraw, divert or use surface  
27 water or groundwater as necessary for the performance of the groundwater  
28 management functions of the director prescribed by chapter 2 of this  
29 title. If water becomes available under any contract executed under this  
30 paragraph, the director may contract with any person for its delivery or  
31 exchange for any other water available.

32 14. Recommend to the administrative heads of agencies, boards and  
33 commissions of this state, and political subdivisions of this state, rules  
34 to promote and protect the rights and interests of this state and its  
35 inhabitants in any matter relating to the surface water and groundwater in  
36 this state.

37 15. Conduct feasibility studies and remedial investigations  
38 relating to groundwater quality and enter into contracts and cooperative  
39 agreements under section 104 of the comprehensive environmental response,  
40 compensation, and liability act of 1980 (P.L. 96-510) to conduct such  
41 studies and investigations.

42 16. Dispose informally by stipulation, agreed settlement, consent  
43 order or alternative means of dispute resolution, including arbitration,  
44 if the parties and director agree, or by default of any case in which a  
45 hearing before the director is required or allowed by law.

1           17. Cooperate and coordinate with the appropriate governmental  
2 entities in Mexico regarding water planning in areas near the border  
3 between Mexico and Arizona and for the exchange of relevant hydrological  
4 information.

5           B. The director shall:

6           1. Exercise and perform all powers and duties vested in or imposed  
7 on the department and adopt and issue rules necessary to carry out the  
8 purposes of this title.

9           2. Administer all laws relating to groundwater, as provided in this  
10 title.

11           3. Be responsible for the supervision and control of reservoirs and  
12 dams of this state and, when deemed necessary, conduct investigations to  
13 determine whether the existing or anticipated condition of any dam or  
14 reservoir in this state is or may become a menace to life and property.

15           4. Coordinate and confer with and may contract with:

16           (a) The Arizona power authority, the game and fish commission, the  
17 state land department, the Arizona outdoor recreation coordinating  
18 commission, the Arizona commerce authority, the department of health  
19 services, active management area water authorities or districts and  
20 political subdivisions of this state with respect to matters within their  
21 jurisdiction relating to surface water and groundwater and the development  
22 of state water plans.

23           (b) The department of environmental quality with respect to title  
24 49, chapter 2 for its assistance in the development of state water plans.

25           (c) The department of environmental quality regarding water plans,  
26 water resource planning, water management, wells, water rights and  
27 permits, and other appropriate provisions of this title pertaining to  
28 remedial investigations, feasibility studies, site prioritization,  
29 selection of remedies and implementation of the water quality assurance  
30 revolving fund program pursuant to title 49, chapter 2, article 5.

31           (d) The department of environmental quality regarding coordination  
32 of databases that are necessary for activities conducted pursuant to title  
33 49, chapter 2, article 5.

34           5. Cooperate with the Arizona power authority in the performance of  
35 the duties and functions of the authority.

36           6. Maintain a permanent public depository for existing and future  
37 records of stream flow, groundwater levels and water quality and other  
38 data relating to surface water and groundwater.

39           7. Maintain a public docket of all matters before the department  
40 that may be subject to judicial review pursuant to this title.

41           8. Investigate and take appropriate action on any complaints  
42 alleging withdrawals, diversions, impoundments or uses of surface water or  
43 groundwater that may violate this title or the rules adopted pursuant to  
44 this title.

- 1           9. Adopt an official seal for the authentication of records,  
2 orders, rules and other official documents and actions.
- 3           10. Provide staff support to the Arizona water protection fund  
4 commission established pursuant to chapter 12 of this title.
- 5           11. Exercise and perform all powers and duties invested in the  
6 chairperson of the Arizona water banking authority commission as  
7 prescribed by chapter 14 of this title.
- 8           12. Provide staff support to the Arizona water banking authority  
9 established pursuant to chapter 14 of this title.
- 10          13. In the year following each regular general election, present  
11 information to the committees with jurisdiction over water issues in the  
12 house of representatives and the senate. A written report is not required  
13 but the presentation shall include information concerning the following:
- 14           (a) The current status of the water supply in this state and any  
15 likely changes in that status.
- 16           (b) Issues of regional and local drought effects, short-term and  
17 long-term drought management efforts and the adequacy of drought  
18 preparation throughout the state.
- 19           (c) The status of current water conservation programs in this  
20 state.
- 21           (d) The current state of each active management area and the level  
22 of progress toward management goals in each active management area.
- 23           (e) Issues affecting management of the Colorado river and the  
24 reliability of this state's two million eight hundred thousand acre-foot  
25 allocation of Colorado river water, including the status of water supplies  
26 in and issues related to the Colorado river basin states and Mexico.
- 27           (f) The status of any pending or likely litigation regarding  
28 surface water adjudications or other water-related litigation and the  
29 potential impacts on this state's water supplies.
- 30           (g) The status of Indian water rights settlements and related  
31 negotiations that affect this state.
- 32           (h) Other matters related to the reliability of this state's water  
33 supplies, the responsibilities of the department and the adequacy of the  
34 department's and other entities' resources to meet this state's water  
35 management needs.
- 36          14. Not later than December 1, 2023 and on or before December 1 of  
37 each year thereafter, prepare and issue a water supply and demand  
38 assessment for at least six of the forty-six groundwater basins  
39 established pursuant to section 45-403. The director shall ensure that a  
40 water supply and demand assessment is completed for all groundwater basins  
41 at least once every five years. The director may contract with outside  
42 entities to perform some or all of the assessments and those outside  
43 entities shall be identified in the assessment.



1 files an instream flow application after ~~the effective date of this~~  
2 ~~section~~ AUGUST 2, 2012 shall comply with the following:

3 1. The applicant shall submit at least five years of streamflow  
4 measurement data to support the proposed beneficial use which shall be  
5 submitted at the time the application is filed. The director shall not  
6 accept for filing an instream flow application that is not accompanied by  
7 at least five years of continuous streamflow measurement data. The  
8 streamflow data submitted shall consist of gauged on-site measurements of  
9 available water flow from the area in which the claimed beneficial use  
10 occurs.

11 2. The instream flow application shall describe the proposed  
12 beneficial use and shall specify both of the following:

13 (a) The amount of streamflow required for the proposed beneficial  
14 use.

15 (b) The availability of the requested flows during claimed periods  
16 of beneficial use.

17 B. Applications that are submitted after ~~the effective date of this~~  
18 ~~section~~ AUGUST 2, 2012 shall be rejected if the application does not  
19 comply with this section.

20 C. THIS SECTION DOES NOT APPLY TO APPLICATIONS FOR A PERMIT TO MAKE  
21 AN APPROPRIATION OF WATER FOR WATERSHED HEALTH USES UNDER SECTION 45-152.

22 ~~C.~~ D. For the purposes of this section, "instream flow  
23 application" means an application for a permit to make an appropriation of  
24 water for purposes of recreation or wildlife, including fish, in a  
25 specific stream reach without diverting the water from the stream.

26 Sec. 5. Section 45-172, Arizona Revised Statutes, is amended to  
27 read:

28 45-172. Transfer of water rights; application; limitations;  
29 required consent

30 A. A water right may be severed from the land to which it is  
31 appurtenant or from the site of its use if for other than irrigation  
32 purposes and with the consent and approval of the owner of such right may  
33 be transferred for use for irrigation of agricultural lands or for  
34 municipal, WATERSHED HEALTH, stock watering, power and mining purposes and  
35 to the state or its political subdivisions for use for recreation and  
36 wildlife purposes, including fish, without losing priority theretofore  
37 established, subject to the following limitations and conditions:

38 1. Except as otherwise provided in this section no such severance  
39 or transfer shall be made unless approved by the director, and the  
40 approval of the director shall prescribe the conditions of the approval.

41 2. Vested or existing rights to the use of water shall not be  
42 affected, infringed ~~upon nor~~ ON OR interfered with, and in no event shall  
43 the water diverted or used after the transfer of such rights exceed the  
44 vested rights existing at the time of such severance and transfer, and the



1 director shall by order so define and limit the amount of water to be  
2 diverted or used annually subsequent to such transfer.

3 3. The water rights sought to be transferred shall have been  
4 lawfully perfected under the laws of the territory or the state of Arizona  
5 and shall not have thereafter been forfeited or abandoned.

6 4. No such severance or transfer of water rights shall be permitted  
7 or allowed from lands within the exterior boundaries of any irrigation  
8 district, agricultural improvement district or water users' association  
9 without first having obtained the written consent and approval of such  
10 irrigation district, agricultural improvement district or water users'  
11 association.

12 5. No right to the use of water on or from any watershed or  
13 drainage area ~~which~~ THAT supplies or contributes water for the irrigation  
14 of lands within an irrigation district, agricultural improvement district  
15 or water users' association shall be severed or transferred without the  
16 consent of the governing body of such irrigation district, agricultural  
17 improvement district or water users' association. All proposed  
18 applications for the severance and transfer of a right to use water of or  
19 from any watershed or drainage area ~~which~~ THAT supplies or contributes  
20 water for the irrigation of lands within any irrigation district,  
21 agricultural improvement district or water users' association shall be  
22 submitted to the governing body of such irrigation district, agricultural  
23 improvement district or water users' association ~~prior to~~ BEFORE the  
24 filing of such application with the director. Within forty-five days  
25 after the receipt of the application such governing body shall reject or  
26 approve the proposed application. Failure of such governing body to  
27 approve or reject the proposed application within forty-five days after  
28 receipt shall constitute approval of the proposed application by such  
29 governing body. No application for the severance or transfer of a right  
30 to the use of water of or from any watershed or drainage area ~~which~~ THAT  
31 supplies or contributes water for the irrigation of lands within any  
32 irrigation district, agricultural improvement district or water users'  
33 association shall be accepted for filing by the director unless  
34 accompanied by the written consent of the governing body of such  
35 irrigation district, agricultural improvement district or water users'  
36 association to the proposed application or by satisfactory evidence that  
37 such governing body failed to either accept or reject the proposed  
38 application within forty-five days after receipt by such governing body.

39 6. A severance and transfer of an irrigation water right  
40 appurtenant to lands within the boundaries of an irrigation district to  
41 other lands within the boundaries of the same irrigation district for  
42 agricultural use may be accomplished by the exclusion of lands to which a  
43 water right is appurtenant from within the boundaries of an irrigation  
44 district, and the inclusion in lieu of other lands within the boundaries  
45 of such irrigation district. Such severance and transfer of a water right

1 shall require the consent of only the irrigation district within which the  
2 affected lands are situated and of the owners of the lands affected by the  
3 severance and transfer. No proceedings before ~~not~~ OR approval by the  
4 director shall be required to accomplish such severance and transfer.

5 7. An application for severance and transfer of a water right shall  
6 be filed with the director. The director shall give notice of the  
7 application by publication once a week for three successive weeks in a  
8 newspaper of general circulation in the county or counties in which the  
9 watershed or drainage area is located. The notice shall state that any  
10 interested person may file written objections to the proposed severance  
11 and transfer with the director within thirty days after the last  
12 publication of the notice. In appropriate cases, including cases in which  
13 an objection has been filed, an administrative hearing may be held before  
14 the director's decision on the application if the director deems a hearing  
15 necessary.

16 B. Section 45-114, subsections A and B govern administrative  
17 proceedings, rehearing or review and judicial review of final decisions of  
18 the director under this section.

19 Sec. 6. Survey of status of waters of this state;  
20 definitions; delayed repeal

21 A. The director of water resources shall:

22 1. Establish a set of standard measures, using the best available  
23 science, to define ecological water needs in this state. The standard  
24 measures established by the director of water resources shall include  
25 criteria for examining the relationship between ecological water needs,  
26 groundwater withdrawal and surface water appropriations in this state.

27 2. On or before December 31, 2025, publish a preliminary survey of  
28 the status of the waters of this state, including the following:

29 (a) A watershed by watershed description of the waters of this  
30 state, including an assessment of the overall health of the watershed as  
31 prescribed by section 45-105, subsection B, Arizona Revised Statutes, as  
32 amended by this act.

33 (b) A description of each subwatershed in which there is  
34 insufficient water to satisfy the ecological water needs that are  
35 identified as prescribed in paragraph 1 of this subsection.

36 (c) A determination of the appropriate methods and steps necessary  
37 to monitor, maintain, improve and restore the ecosystems of each  
38 watershed.

39 (d) A recommendation of any statutory changes that are needed to  
40 facilitate actions supporting the ecological water needs of this state.

41 3. Provide for notice and comment of the preliminary survey by:

42 (a) Posting on the department of water resources' website the  
43 preliminary survey prescribed by subsection A, paragraph 2 of this  
44 section, copies of all notices required by section 41-1022, Arizona  
45 Revised Statutes, and all proposed rulemakings.

1 (b) Notifying by first class mail, fax or email each person who has  
2 made a timely request to the department of water resources for  
3 notification of the preliminary survey prescribed by subsection A,  
4 paragraph 2 of this section or for notification of all proposed  
5 rulemakings under section 41-1022, Arizona Revised Statutes.

6 (c) Holding an open meeting and taking public comment not sooner  
7 than sixty days after the department of water resources provides  
8 notification under subdivisions (a) and (b) of this paragraph.

9 (d) Responding in writing to all public comments, whether received  
10 at the hearing or otherwise, that are received by a date announced by the  
11 director of water resources in the initial notice.

12 4. Post the final survey and responses to all public comments  
13 received on the department of water resources' website for a period of not  
14 less than six months.

15 B. Any agency or political subdivision of this state that has  
16 information relevant to developing the survey, the determinations and the  
17 recommendations prescribed by this section shall cooperate with the  
18 director of water resources and shall timely provide information requested  
19 pursuant to this section by the director of water resources.

20 C. For the purposes of this section, "ecological water needs",  
21 "groundwater" and "surface water" have the same meanings prescribed in  
22 section 45-101, Arizona Revised Statutes, as amended by this act.

23 D. This section is repealed from and after September 30, 2026.