



# The Arizona Protected Surface Waters List

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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## Acronym List

• ADEQ	-	Arizona Department of Environmental Quality
• APT	-	Antecedent Precipitation Tool
• A.R.S.	-	Arizona Revised Statutes
• AZPDES	-	Arizona Pollutant Discharge Elimination System
• C.F.R	-	Code of Federal Regulations
• CWA	-	Clean Water Act
• EPA	-	United State Environmental Protection Agency
• NWPR	-	Navigable Water Protection Rule
• PSWL	-	Protected Surface Waters List
• RPW	-	Relatively Permanent Water
• SDAM	-	Streamflow Duration Assessment Methodology
• SWPP	-	Surface Water Protection Program
• TNW	-	Traditionally Navigable Water
• USACE	-	U.S. Army Corps of Engineers
• WOTUS	-	Waters of the United States
• WQS	-	Water Quality Standards

## Purpose

This white paper is the first in a series of six papers written by ADEQ to support stakeholder engagement during the adoption of Arizona's State Surface Water Protection Program (SWPP). This paper is not policy. The SWPP white papers are intended to be problem solving artifacts to assist ADEQ in gathering information related to filing a Notice of Proposed Rulemaking for the SWPP program. ADEQ believes that these papers will focus public engagement on the scientific basis for agency decisions and drive productive conversations about SWPP implementation.

At a high level, this paper will address:

- The legislative and regulatory background of the Arizona State Surface Water Protection Program;
- The process ADEQ used to produce the Draft Protected Surface Water List (PSWL);
- The differences between the Draft PSWL, the Initial PSWL, and the Final PSWL;
- Brief updates on how changes in Federal law will affect the SWPP; and
- The process ADEQ will use to produce the Final PSWL during the SWPP rulemaking.

ADEQ recognizes that at the publication date of this paper there are potential Federal rulemaking actions and litigation that may impact Arizona's implementation of Clean Water Act (CWA) regulations. The subject of this paper could vary dramatically based on the outcome of those federal proceedings. ADEQ will continue to update stakeholders about any changes in Federal law that have an impact on adoption of the SWPP.

## Introduction

Arizona has historically regulated surface waters like lakes, ponds, streams, and wetlands in partnership with the United States Environmental Protection Agency (EPA) and the Department of the Army/Army Corps of Engineers (USACE) through a strict implementation of the federal CWA. The regulatory programs mandated by the CWA include the regulation of discharges of pollutants to surface waters through the Arizona Pollution Discharge Elimination System (AZPDES) and regulation of the discharge of dredge and fill materials to surface waters by the USACE under § 404 of the CWA.

The legal threshold for a surface water's inclusion in Arizona's regulatory scheme has long been that CWA programs can only be applied to "Waters of the United States" (WOTUS). Thus, the question "what surface waters are WOTUS" is a vexing and oft-litigated question that has functionally determined which of Arizona's surface waters are regulated.

The CWA does not define WOTUS; instead, it provides discretion for the EPA and the USACE to define WOTUS in their rules. The lack of a firm definition of WOTUS has resulted in a consistent ebb and flow in CWA regulation, especially in the arid Southwest. Courts have expanded and narrowed the term and different Federal administrations have expanded and then narrowed the definition as well. These constant

modifications of jurisdiction associated with the federal WOTUS definition have left Arizona high and dry, and suffering from a severe case of regulatory whiplash.

The latest regulatory change to the WOTUS definition through a rulemaking action was announced on April 21, 2020. On that date the EPA and the USACE finalized the Navigable Waters Protection Rule (NWPR). The NWPR was an attempt by the EPA and USACE to clarify which waters fall under the federal jurisdiction of the CWA by broadly defining categories of waters that are either jurisdictional (WOTUS) or non-jurisdictional (non-WOTUS) under the CWA. The NWPR generally limited CWA jurisdiction to traditional navigable waters (TNWs) and their tributaries, and specifically excluded ephemeral features from that definition if those features did not convey pollutants to a downstream jurisdictional water.

The NWPR lasted a little over a year before being vacated. On August 30, 2021, Judge Márquez of the United States District Court for the District of Arizona issued an order finding that immediately returned the definition of WOTUS to the pre-2015 formulation. With the NWPR vacated, ADEQ has had to pivot the agency process to identify jurisdictional waters for both the SWPP and the CWA. The sections below describe how ADEQ is building a fundamental piece of the Arizona SWPP – the Protected Surface Waters List or PSWL. The PSWL will be published in the Arizona Administrative Register on October 29<sup>th</sup>.

## The Arizona State Surface Water Protection Program<sup>1</sup>

Before the NWPR was vacated, ADEQ conducted an 18-month public process to solicit input on how to best deploy a program that would comport with the new Federal rules. The State recognized the benefits a local control approach could bring to Arizona. If Arizona had its own program, the State could both protect waters and provide predictability to CWA permittees in the face of unpredictable federal regulation.

The ideas that came out of this public process were eventually developed into legislation titled as House Bill 2691 (HB2691). On May 5, 2021 Governor Ducey signed the bill into law. The bill becomes effective on September 29, 2021. One of the main features of the new Arizona SWPP is that it requires the Director of ADEQ to maintain and publish a PSWL. Specifically, Sec. 7, Paragraph (G) of HB2691 requires that:

G. THE DIRECTOR SHALL MAINTAIN AND PUBLISH A PROTECTED SURFACE WATERS LIST. THE DEPARTMENT SHALL PUBLISH THE INITIAL LIST ON THE DEPARTMENT'S WEBSITE AND IN THE ARIZONA ADMINISTRATIVE REGISTER WITHIN THIRTY DAYS AFTER THE EFFECTIVE DATE OF THIS AMENDMENT TO THIS SECTION. NOT LATER THAN DECEMBER 31, 2022, THE DEPARTMENT SHALL ADOPT BY RULE THE PROTECTED SURFACE WATERS LIST, INCLUDING PROCEDURES FOR DETERMINING ECONOMIC, SOCIAL AND ENVIRONMENTAL COSTS AND BENEFITS. PUBLICATION OF THE LIST IN THE ARIZONA ADMINISTRATIVE REGISTER IS AN APPEALABLE AGENCY ACTION PURSUANT TO TITLE 41, CHAPTER 6, ARTICLE 10 AND MAY BE APPEALED BY ANY PARTY THAT PROVIDES EVIDENCE OF AN ACTUAL ADVERSE EFFECT THAT THE PARTY APPEALING THE DECISION WOULD SUFFER AS A RESULT OF THE DIRECTOR'S DECISION.

The PSWL is a massive undertaking to answer a question that Arizona stakeholders have asked for a long time – “what waters are regulated in Arizona?” The importance of this list cannot be overstated.

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<sup>1</sup> Attached as Appendix A.



Recognizing the need for greater clarity in what is or is not protected under the CWA and SWPP, ADEQ developed a process and is dedicating resources for providing predictable and data-driven surface water protection in the state.

ADEQ will use three different definitions in this white paper that describe the distinct iterations of the PSWL to help eliminate confusion. Each version of the PSWL has varied significance. Because of consistent changes in Federal law, the process to create the lists has had to change slightly over time to meet the current legal standard. The process to create each version of the list is addressed in separate sections and this section only serves to help establish their definitions. The three versions of the PSWL that ADEQ will address are:

- **The Draft PSWL**

The Draft PSWL is the version of the list that was used as the basis for HB2691. This version of the PSWL is not legally enforceable. The Draft PSWL was posted to the ADEQ website on December 5<sup>th</sup>, 2020 and is still available at [www.azdeq.gov/swpp](http://www.azdeq.gov/swpp).

- **The Initial PSWL**

HB2691 requires ADEQ to “publish the initial list on the Department’s website and in the Arizona Administrative register within thirty days after the effective date of [HB2691]<sup>2</sup>.” This iteration will be called the Initial PSWL and will be legally enforceable. HB2691 requires that ADEQ apply “surface water quality standards established as of January 1, 2021,” with the exclusion of antidegradation, antidegradation criteria, or Outstanding Arizona Water rules, to non-WOTUS protected surface waters on the Initial PSWL.

- **The Final PSWL**

The Final PSWL is the version of the list that will be codified in the Arizona Administrative Code to meet the HB2691 requirement that “[n]ot later than December 31, 2022, the Department shall adopt by rule the protected surface waters list<sup>3</sup>.” The Final PSWL will be updated periodically through ADEQ rulemaking actions.

## Draft PSWL

The Draft PSWL is the version of the list that was developed to be used as an example for the waters that would be listed on the PSWL if HB2691 (2021) was passed and the NWPR remained in effect. This version of the PSWL is not legally enforceable and the reference to it in this paper only serves to catalogue the efforts ADEQ undertook to create it. The Draft PSWL was formulated while the NWPR was in effect, and since the NWPR was vacated the preliminary WOTUS evaluations performed by ADEQ to produce the Draft PSWL are no longer valid.

The Draft PSWL was posted to the ADEQ website on December 5<sup>th</sup>, 2020. Construction of the Draft PSWL was based on waters that were already listed in Appendix B<sup>4</sup>. Appendix B is the portion of the Arizona

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<sup>2</sup> Ariz. Sess. Laws Ch. 0325 § 7.

<sup>3</sup> *Id.*

<sup>4</sup> Arizona Administrative Code (A.A.C) Title 18, Chapter 11, Appendix B. Attached for convenience to this white paper as Appendix B for continuity.

Administrative Code that lists water bodies with the applicable designated uses that have been identified for those water bodies. ADEQ did not add any water bodies to the Draft PSWL that weren't previously listed in Appendix B. ADEQ did not add or change the designated uses of Appendix B listed water bodies in formulating the Draft PSWL.

In building the Draft PSWL, ADEQ made preliminary WOTUS evaluations using the guidance that was valid at the while the NWPR was in effect. The NWPR required ADEQ to determine the jurisdictional status of a water body by understanding hydrological conditions in a "typical year." The typical year term in the NWPR was an attempt to ensure that jurisdictional decisions were made considering normal hydrologic flows or surface water connections that occurred during the normal periodic range of precipitation and other climatic variables for that water body. The idea was to prevent a WOTUS evaluation from being made when conditions that are abnormally wet or dry, such as extreme flooding or drought.

For example, under the NWPR WOTUS definition a surface water was likely to meet the definition of a "water of the United States" if it contributed surface water flow directly or indirectly to a TNW in a typical year. The term itself provided a standard context for using information, interpreting field observations and methods, remote sensing data and imagery, and various models that inform on an approved jurisdictional evaluation of a water body. Thus, observations, measurements, models, and other sources of information used to evaluate hydrologic flows or surface water connections and inform jurisdictional evaluation of certain water bodies should be evaluated in the context of "typical year" conditions.

ADEQ began to make these evaluations using the applicable federal implementation tools once they were released, which were the Antecedent Precipitation Tool (APT) and the Streamflow Duration Assessment Methodology (SDAM). EPA/USACE guidance recommended using APT as a resource for evaluating whether observations or measurements of flow conditions and surface water connections are representative of typical year conditions. On some waters, an APT analysis was necessary to determine whether flow conditions occurred during typical year conditions, as determined by flow event imagery and dates of flow.

The Draft PSWL can be viewed in Appendix C. The Draft PSWL is the most complete record of any assessment that ADEQ made to determine WOTUS status under the NWPR, although the agency did not fully complete an analysis of each water excluded or included with the publication of the Draft PSWL. The NWPR vacatur made it a necessity for ADEQ to pivot our process to reflect the newly effective federal WOTUS definition.

## The Initial PSWL

The Initial PSWL is the version of the PSWL that will be published in the Arizona Administrative Register within thirty days of the September 29 effective date of HB2691 (2021). This version of the PSWL is legally enforceable, and its publication is an appealable agency action.

The Initial PSWL includes:

1. Waters of the United States;
2. The Bill Williams River, from its confluence of the Big Sandy River and the Santa Maria River to its confluence with the Colorado River;
3. The Colorado River, from the Arizona-Utah border to the Arizona Mexico border;



4. The Gila River, from the Arizona-New Mexico border to its confluence with the Colorado River;
5. The Little Colorado River, from the confluence of the east and west forks of the Little Colorado River to its confluence with the Colorado River;
6. The Salt River, from the confluence of the Black River and White River to its confluence with the Gila River;
7. The San Pedro River, from the Arizona-Mexico Border to the confluence with the Gila River;
8. The Santa Cruz River, from its origins in the Canelo Hills of Southeastern Arizona to its confluence with the Gila River; and
9. The Verde River, from Sullivan Lake to its confluence with the Salt River.

Pursuant to the language of HB2691, the Initial PSWL does not include non-WOTUS waters that are:

1. Canals in the Yuma project and ditches, canals, pipes, impoundments and other facilities that are operated by districts organized under Arizona Revised Statutes (A.R.S.) Title 48, Chapters 18, 19, 20, 21 and 22 and that are not used to directly deliver water for human consumption, except when added pursuant to paragraph 4 of this subsection and in response to a written request from the owner and operator of the ditch or canal until the owner and operator withdraws its request.
2. Irrigated areas, including fields flooded for agricultural production.
3. Ornamental and urban ponds and lakes such as those owned by homeowners' associations and golf courses, except when added pursuant to an economic, environmental, and social cost benefit analysis where the benefits of listing the water outweigh the costs and in response to a written request from the owner of the ornamental or urban pond or lake until the owner withdraws its request.
4. Swimming pools and other bodies of water that are regulated pursuant to Section 49-104, subsection B.
5. Livestock and wildlife water tanks and aquaculture tanks that are not constructed within a protected surface water.
6. Stormwater control features.
7. Groundwater recharge, water reuse and wastewater recycling structures, including underground storage facilities and groundwater savings facilities permitted under A.R.S. Title 45, Chapter 3.1 and detention and infiltration basins, except when added pursuant to paragraph 4 of this subsection and in response to a written request from the owner of the groundwater recharge, water reuse or wastewater recycling structure until the owner withdraws its request.
8. Water-filled depressions created as part of mining or construction activities or pits excavated to obtain fill, sand or gravel.
9. All water treatment systems components, including constructed wetlands, lagoons and treatment ponds, such as settling or cooling ponds, designed to either convey or retain, concentrate, settle, reduce or remove pollutants, either actively or passively, from wastewater before discharge to eliminate discharge.
10. Groundwater.
11. Ephemeral waters except for those prescribed in paragraph 1, subdivision (b) of this subsection.
12. Lakes and ponds owned and managed by the United States Department of Defense and other surface waters located on an that do not leave United States Department of Defense property, except when added pursuant to paragraph 4 of this subsection and in response to a written request from the United States Department of Defense until it withdraws its request.

The Initial PSWL also includes non-WOTUS surface waters that fall into the following categories and are not otherwise explicitly excluded from the list:

1. All lakes, ponds, and reservoirs that are public waters used as a drinking source, for recreational or commercial fish consumption or for water-based recreation such as swimming, wading and boating and other types of recreation in and on the water;
2. Perennial waters or intermittent waters of the state that are used as a drinking water source, including ditches and canals;
3. Perennial or intermittent tributaries to the Bill Williams River, the Colorado River, the Gila River, the Little Colorado River, the Salt River, the San Pedro River, the Santa Cruz River and the Verde River;
4. Perennial or intermittent public waters used for recreational or commercial fish consumption;
5. Perennial or intermittent public waters used for water-based recreation such as swimming, wading, boating and other types of recreation in and on the water;
6. Perennial or intermittent wetlands adjacent to waters on the protected surface waters list; and
7. Perennial or intermittent waters of the state that cross into another state, the Republic of Mexico or the reservation of a federally recognized tribe.

There will be differences between the Draft PSWL and the Initial PSWL. Judge Marquez's order vacating the NWPR has made it necessary for ADEQ to pivot our processes to align with the newly effective WOTUS definition. HB2691 requires ADEQ to list "all WOTUS" on the Initial PSWL. ADEQ is following the currently effective EPA/USACE guidance to ensure that the waters listed on the Initial PSWL align with the requirements established by Federal partners.

Although HB2691 (2021) made minor modifications to the established definitions of waters in Arizona, the bill did not, and could not, change the scope of the federal program that is implemented in Arizona. The bill removed the definition of "navigable water" that was codified at § 49-201(22) and replaced it with a functionally similar definition of WOTUS at § 49-221(53). The new definition establishes WOTUS as "waters of the state that are also navigable waters as defined by section 502(7) of the Clean Water Act."

To ensure that ADEQ continues to regulate in line with long established CWA program in Arizona, which we must do to maintain our primacy programs, ADEQ is using the following process to construct the Initial PSWL:

1. ADEQ is using the latest data collected by the agency and the guidance issued by the EPA and USACE to determine if a previously listed Appendix B water should preliminarily be regulated as a WOTUS until a more complete evaluation is performed.
2. If ADEQ has reliable data that a water previously listed on Appendix B has no connectivity to a TNW or it is not a jurisdictional feature, ADEQ is not listing that water on the Initial PSWL to be regulated as a WOTUS. That water will then be analyzed to see if it meets the requirements of the SWPP program.
3. If the water meets one of the requirements of the SWPP program and is not specifically excluded from the SWPP program, ADEQ will include the water on the initial PSWL as a non-WOTUS protected surface water.
  - a. ADEQ interprets the newly effective §49-221(G)(2)(c) as applying to any lake or pond within a municipality. Pursuant to this section, to add an urban lake or pond to the PSWL, ADEQ must have a written request from the owner of the lake and perform an

economic, social, and environmental cost benefit analysis where the benefit of adding the water to the list outweighs the cost.

- b. ADEQ is using previously assigned and approved designated uses to make initial determinations about how a water is used. A fish consumption use is being used as initial evidence that the water body is used for fishing. ADEQ will continue to assess whether previously established Appendix B listed uses are appropriate for waters during the rulemaking process.

## Initial PSWL Water Identification Process

The Initial PSWL is ADEQ delivering on one of the promises of the SWPP program – a list and map of waters that provides a level of certainty about what is regulated in Arizona.

To ascertain if a previously listed Appendix B water will be listed in the Initial PSWL to be preliminarily regulated as a WOTUS, ADEQ is following the guidance in *Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in Rapanos v. United States & Carabell v. United States and the USACE JD Guidebook* (2008). The agency has leveraged those guidance documents to build a GIS webmap, screening tool, and framework to quickly affirm or remove the preliminary WOTUS status of Appendix B waters. These tools help ADEQ make WOTUS evaluations by determining if a water is hydrologically connected to a TNW and if it is, the level of impact that water has on the TNW. In Arizona, the USACE has made four TNW designations. The hydrological connections to these verified TNWs are established by Arizona's eight major rivers, which ADEQ refers to as relatively permanent waters (RPWs).

ADEQ's WOTUS analysis begins by assigning each surface water reach, stream, lake, pond, spring, or wetland an identification number known as a water body Identification Number or WBID. ADEQ then assigns each WBID a flow regime of perennial, intermittent, or ephemeral. Where flow regime is not identified on the ADEQ Flow Regime map, the ADEQ Screening Toolkit is applied to determine an estimated flow regime, an integral categorization that is needed to conduct the WOTUS evaluation. Interested parties can find the ADEQ screen toolkit at this website - <https://azdeq.gov/ScreeningToolkit>. Although the toolkit was originally developed to make jurisdictional evaluations under the NWPR, the flow regime data ADEQ has gathered is still integral to any evaluations under the pre-2015 rule.

For RPWs, ADEQ determines downstream connectivity to a TNW by utilizing the USGS Raindrop tool, topographic maps, and hydrography maps. If there is a hydrological connection to the TNW then the water body is determined to be a WOTUS.

For lakes, ADEQ performs an assessment to determine if an intermittent water is present, then a connectivity evaluation to a TNW through the downstream jurisdictional river channels. If there is no connection to any nearby stream channel, the lake is determined to be isolated and non-jurisdictional.

For non-RPWs, wetlands adjacent to non-RPWs, or wetlands not directly abutting RPWs, a site-specific significant nexus evaluation is required to finalize an updated WOTUS evaluation. The currently effective EPA/USACE guidance for making a WOTUS evaluation of these waters depends on determining whether a hydrological connection exists based on Judge Kennedy's "significant nexus test" from the *Rapanos* case. The significant nexus test is a set of guidelines that give ADEQ and federal agencies a rubric for making jurisdictional decisions on non-RPW waters. The key point of the significant nexus test is that the water

must have more than a speculative or insubstantial effect on the chemical, physical, and biological integrity of the downstream TNW. Additionally, some non-RPWs will meet the WOTUS criteria if they have a bed, bank and OHWM and serve hydrologic and ecological functions of downstream TNWs.

At the end of this analysis for the Initial PSWL, ADEQ will classify each (WBID) previously listed on Appendix B into one of three categories. The three categories are:

1. Waters to be regulated as a WOTUS until the final SWPP rulemaking is complete;
2. Non-WOTUS Protected State Waters to be regulated under the SWPP program;
3. Non-WOTUS, non-PSWL waters.

## ADEQ's Process for Creating the Final PSWL

The Final PSWL is the version of the list that will be codified in the Arizona Administrative Code to meet the HB2691 requirement that “[n]ot later than December 31, 2022, the Department shall adopt by rule the protected surface waters list<sup>5</sup>.” ADEQ will both add and remove waters as appropriate from the Initial PSWL during the development of the Final PSWL

The Final PSWL will be legally enforceable. ADEQ may also add water bodies that were previously not listed in Appendix B to the Final PSWL. ADEQ invites stakeholders to be active participants in the listing and delisting of surface waters during the rulemaking.

ADEQ will begin the process by assuming that waters previously listed on Appendix B were properly listed and regulated under the limitations of the CWA. The agency will evaluate waters continued listing status based on the guidelines listed above. There will be a non-trivial amount of waters that need a significant nexus test to make a final determination of the water's WOTUS status. Principal considerations when evaluating whether a water body has a significant nexus to a TNW include the following specific factors from the *Rapanos* Guidance (EPA, 2008) and USACE Jurisdictional Determination Form Instructional Guidebook (USACE, 2007):

1. Hydrologic factors:
  - a. The volume, duration, and frequency of the flow including consideration of certain physical characteristics of the tributary;
  - b. Proximity to the TNW;
  - c. Size of the watershed;
  - d. Average annual rainfall; and
  - e. Average annual winter snowpack.
2. Ecological factors:
  - a. The ability of the tributary and its adjacent wetlands (if any) to carry pollutants and flood waters to traditional navigable waters;
  - b. The ability of the tributary and its adjacent wetlands (if any) to provide aquatic habitat that supports biota of a traditional navigable water;
  - c. The ability for adjacent wetlands to trap and filter pollutants or store floodwaters; and
  - d. The ability to maintain water quality.

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<sup>5</sup> Ariz. Sess. Laws Ch. 0325 § 7

3. Additional recommendations:

- a. Certain ephemeral waters in the arid west are distinguishable from the geographic features described below where such ephemeral waters are tributaries and may have a significant nexus to TNWs.
- b. Certain geographical features (e.g., ditches, canals) that transport relatively permanent (continuous at least seasonally) flow directly or indirectly into TNWs or between two (or more) waters of the U.S., including wetlands, are jurisdictional waters regulated under the CWA.
  - i. It's important to note that water transfers are excluded from the ADEQ permitting program.
- c. Certain geographic features (e.g., swales, ditches, pipes) may contribute to a surface hydrologic connection where the features 1) replace or relocate a water of the U.S., or 2) connect a water of the U.S. to another water of the U.S., or 3) provide relatively permanent flow to a water of the U.S.
- d. Certain geographic features generally are not jurisdictional waters:
  - i. swales, erosional features (e.g., gullies) and small washes characterized by low volume, infrequent, and short duration flow;
  - ii. ditches (including roadside ditches) excavated wholly in and draining only uplands and that do not carry a relatively permanent flow of water; and
  - iii. uplands transporting over land flow generated from precipitation (i.e., rain events and snowmelt).

ADEQ recognizes that there is a need for more specific guidance regarding the significant nexus test in Arizona. As part of the SWPP white paper process, ADEQ will produce a significant nexus white paper for stakeholder consumption.

If stakeholders have relevant evidence that ADEQ is making an improper WOTUS evaluation based on the steps previously listed in this paper, please reach out to the agency at [PSWL@azdeq.gov](mailto:PSWL@azdeq.gov). ADEQ will consider all relevant data during the rulemaking process and continue to make WOTUS evaluations based on the best available data within the analysis rubric listed in the Initial PSWL section.

ADEQ has also developed a process for stakeholders to submit nominations for waters to be added or removed from the PSWL during the SWPP rulemaking, including the required documentation to support the listing or delisting of waters. All nominations for waters must be submitted to [PSWL@azdeq.gov](mailto:PSWL@azdeq.gov). To be evaluated for the Final PSWL, non-WOTUS waters must not be categorically excluded from the program and must meet one of the criteria listed below. Stakeholders who wish to have their waters evaluated by ADEQ must include some of the listed evidence for ADEQ to make a final assessment during the rulemaking process:

**Waters to be Evaluated Because They are Used for Recreation:**

- Evidence that the water is a public water.
  - o Public Waters is defined by HB2691 as “waters of the state open to or managed for use by members of the general public.”
- Evidence that the water signed, posted, and publicized as a recreation area.

- Signed confirmation by a city, county, federal, or other governmental figure that can attest to the water bodies use.
- Evidence/location of official documentation that can confirm the water body is used for recreation.
- Specific information on the types of uses. Swimming, wading, boating, etc.

**Waters to be Evaluated Because They are Used for Fish Consumption:**

- Evidence that the water is a public water.
- In person creel surveys of anglers.
- Stocking data, including size and species of fish.
- Intergovernmental agreements that illustrate a body of water is stocked for fish consumption.
- Information on whether maintaining a population of fish sufficient for consumption is viable in the specific water body.
- Watershed plans.
- Publicized evidence that the area is used for fishing.

**Waters to be Evaluated Because They are Perennial and Intermittent Waters of the State Used as a Drinking Source:**

- Name of public water system
- Source of water for that system
- Confirmation from the owner of the Drinking Water System
- Confirmation from municipalities
- Location data for surface water inlets

**Waters to be Evaluated Because They are Perennial and Intermittent Wetlands Adjacent to PSWLs**

- Inundation data, whether it lies in a floodplain or 100-year floodplain
- FEMA maps
- Location data
- National Wetland map
- Vegetation, species that are present on the Army Corps of Engineers National Wetland Plant List; obligate or facultative wetland species

**Waters to be Evaluated Because They are Perennial or Intermittent Waters of the State that Cross into Another State, the Republic of Mexico, or a Reservation of a Federally Recognized Tribe.**

- Map and flow regime data

After the publication of the Initial PSWL and during the rulemaking process, ADEQ will also consider adding waters to the PSWL pursuant to the emergency addition provision codified at §49-542(G)(7). The language is copied below for convenience.



7. THE DIRECTOR, ON AN EMERGENCY BASIS, MAY ADD A WATER TO THE PROTECTED SURFACE WATERS LIST IF THE DIRECTOR DISCOVERS AN IMMINENT AND SUBSTANTIAL DANGER TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT, IF THE WATER WOULD OTHERWISE QUALIFY TO BE ADDED UNDER PARAGRAPH 3 OF THIS SUBSECTION. NOTWITHSTANDING ANY OTHER LAW, THE EMERGENCY ADDITION SHALL TAKE EFFECT IMMEDIATELY ON THE DIRECTOR'S DETERMINATION THAT DESCRIBES THE IMMINENT AND SUBSTANTIAL DANGER IN WRITING. WITHIN THIRTY DAYS AFTER THE DIRECTOR'S DETERMINATION, THE DEPARTMENT SHALL PUBLISH A NOTICE OF THAT DETERMINATION IN THE ARIZONA ADMINISTRATIVE REGISTER AND ON THE DEPARTMENT'S WEBSITE. WATERS ADDED UNDER THIS SUBSECTION SHALL BE INCORPORATED INTO THE PROTECTED SURFACE WATERS LIST DURING THE NEXT RULEMAKING THAT FOLLOWS THE ADDITION.

## Conclusion

It is important to reiterate that this white paper is not policy and does not constitute any appealable agency action. The document was produced solely for the purpose of focusing stakeholder input during the implementation of Arizona's SWPP. This white paper is intended to be a problem-solving artifact to assist ADEQ in gathering information related to filing a Notice of Proposed Rulemaking for the SWPP program. If you have any questions about this white paper or ADEQ's implementation of HB2691 (2021), please reach out to your ADEQ contact for more information.

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House Engrossed

~~groundwater permits; technical correction~~  
(now: ADEQ; water quality program; WOTUS)

State of Arizona  
House of Representatives  
Fifty-fifth Legislature  
First Regular Session  
2021

## CHAPTER 325

# HOUSE BILL 2691

AN ACT

AMENDING SECTIONS 49-175, 49-201, 49-202, 49-202.01, 49-203, 49-210, 49-221, 49-222, 49-225, 49-231, 49-232, 49-233, 49-234, 49-242, 49-245.01, 49-245.02, 49-250, 49-255, 49-255.01, 49-255.02 AND 49-255.03, ARIZONA REVISED STATUTES; AMENDING TITLE 49, CHAPTER 2, ARTICLE 3.1, ARIZONA REVISED STATUTES, BY ADDING SECTIONS 49-255.04 AND 49-255.05; AMENDING SECTIONS 49-256, 49-256.01, 49-256.02, 49-261, 49-262, 49-371, 49-391 AND 49-701, ARIZONA REVISED STATUTES; RELATING TO WATER QUALITY CONTROL.

(TEXT OF BILL BEGINS ON NEXT PAGE)

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

2 Section 1. Section 49-175, Arizona Revised Statutes, is amended to  
3 read:

4 49-175. Work plans

5 A. A work plan to address a release of a contaminant to the  
6 environment shall include the following:

7 1. A summary of existing information on site characterization,  
8 including references to known site characterization and assessment  
9 information and information regarding any remediation previously conducted  
10 at the site or portion of the site. The applicant shall provide copies of  
11 the referenced reports to the department.

12 2. If the site or portion of the site addressed in the application  
13 has not been characterized, a plan to conduct site characterization and a  
14 schedule for completion. The applicant shall provide a schedule for the  
15 submission of a work plan for remediation following approval of site  
16 characterization.

17 3. If site characterization is completed for the site or portion of  
18 the site addressed in the application, a plan for remediation which will  
19 comply with subsection B of this section and a schedule for completion as  
20 follows:

21 (a) The work plan shall describe how the remediation will comply  
22 with subsection B of this section and how the completion of remediation  
23 will be verified. The applicant and the department may agree on interim  
24 performance goals. The interim performance goals shall be guidelines used  
25 to determine the ongoing effectiveness of the remediation toward reaching  
26 the final remediation levels.

27 (b) The work plan may provide for the remediation to be conducted  
28 in phases or tasks that, if agreed to by the applicant, provide for the  
29 department to review and approve a completed phase or task before  
30 initiation of the next phase or task of the work plan.

31 4. A schedule for submission of progress reports to the department.  
32 The progress reports shall be sufficient to allow the department to  
33 determine the effectiveness of the characterization if it has not been  
34 completed, followed by the remediation.

35 5. A proposal for community involvement as prescribed by section  
36 49-176.

37 6. If known, a list of institutional or engineering controls  
38 necessary during remediation and after completion of the proposed  
39 remediation to control exposure to contaminants.

40 7. A proposal for monitoring of a site or portion of a site during  
41 the remediation and after the remediation if necessary to verify whether  
42 the approved remediation levels or controls have been attained and will be  
43 maintained.

1           8. A list of any permits or legal requirements known by the  
2 applicant to apply to the work to be performed or already performed by the  
3 applicant.

4           9. If requested by the department, information regarding the  
5 financial capability of the applicant to conduct the work identified in  
6 the application.

7           B. Remediation levels or controls for remediation conducted  
8 pursuant to this article shall be established in accordance with rules  
9 adopted pursuant to section 49-282.06 unless one or more of the following  
10 ~~applies~~ APPLY:

11           1. The applicant demonstrates that remediation levels,  
12 institutional controls or engineering controls for remediation of  
13 contaminated soil comply with section 49-152 and the rules adopted  
14 pursuant to that section.

15           2. The applicant demonstrates that remediation levels,  
16 institutional controls or engineering controls for remediation of  
17 landfills or other facilities that contain materials that are not subject  
18 to section 49-152 and the rules adopted pursuant to that section will  
19 result in a condition that does not exceed a cumulative excess lifetime  
20 cancer risk between  $1 \times 10^{-4}$  and  $1 \times 10^{-6}$ , and a hazard index no greater  
21 than 1. The excess lifetime cancer risk shall be selected based on site-  
22 specific factors, including the presence of multiple contaminants, the  
23 existence of multiple pathways of exposure, the uncertainty of exposure  
24 and the sensitivity of the exposed population. Approval of the use of  
25 institutional or engineering controls shall require a demonstration that  
26 the controls will be maintained and that the requirements of section  
27 49-158 have been met.

28           3. The applicant demonstrates that on achieving remediation levels  
29 or controls for a source or potential source of contamination to a  
30 ~~navigable water~~ WOTUS, the source of contamination will not cause or  
31 contribute to an exceedance of surface water quality standards, or if a  
32 permit is required pursuant to 33 United States Code section 1342 for any  
33 discharge from the source, that any discharges from the source will comply  
34 with the permit. Approval of the use of institutional or engineering  
35 controls shall require a demonstration that the controls will be  
36 maintained and that the requirements of section 49-158 have been met.

37           4. The applicant demonstrates that, on achieving remediation levels  
38 or controls for a source of contamination to an aquifer, the source will  
39 not cause or contribute to an exceedance of aquifer water quality  
40 standards beyond the boundary of the facility where the source is located.  
41 In determining whether remediation levels or controls satisfy this  
42 requirement, the department shall consider a demonstration by the  
43 applicant that aquifer water quality standards are exceeded beyond the  
44 boundary of the facility due to naturally occurring contamination or from  
45 sources outside of the boundary. The applicant is not required to

1 identify or evaluate other sources. Approval of the use of institutional  
2 or engineering controls shall require a demonstration that the controls  
3 will be maintained and that the requirements of section 49-158 have been  
4 met.

5 C. The department, at its sole discretion, may waive any work plan  
6 requirement under this section that it determines to be unnecessary to  
7 make any of the determinations required under section 49-177. Decisions  
8 under this subsection are not subject to appeal or dispute resolution  
9 under section 49-185.

10 Sec. 2. Section 49-201, Arizona Revised Statutes, is amended to  
11 read:

12 49-201. Definitions

13 In this chapter, unless the context otherwise requires:

14 1. "Administrator" means the administrator of the United States  
15 environmental protection agency.

16 2. "Aquifer" means a geologic unit that contains sufficient  
17 saturated permeable material to yield usable quantities of water to a well  
18 or spring.

19 3. "Best management practices" means those methods, measures or  
20 practices to prevent or reduce discharges and includes structural and  
21 nonstructural controls and operation and maintenance procedures. Best  
22 management practices may be applied before, during and after discharges to  
23 reduce or eliminate the introduction of pollutants into receiving waters.  
24 Economic, institutional and technical factors shall be considered in  
25 developing best management practices.

26 4. "CERCLA" means the comprehensive environmental response,  
27 compensation, and liability act of 1980, as amended (P.L. 96-510; 94 Stat.  
28 2767; 42 United States Code sections 9601 through 9657), commonly known as  
29 "superfund".

30 5. "Clean closure" means implementation of all actions specified in  
31 an aquifer protection permit, if any, as closure requirements, as well as  
32 elimination, to the greatest degree practicable, of any reasonable  
33 probability of further discharge from the facility and of either exceeding  
34 aquifer water quality standards at the applicable point of compliance or,  
35 if an aquifer water quality standard is exceeded at the time the permit is  
36 issued, causing further degradation of the aquifer at the applicable point  
37 of compliance as provided in section 49-243, subsection B, paragraph 3.  
38 Clean closure also means postclosure monitoring and maintenance are  
39 unnecessary to meet the requirements in an aquifer protection permit.

40 6. "Clean water act" means the federal water pollution control act  
41 amendments of 1972 (P.L. 92-500; 86 Stat. 816; 33 United States Code  
42 sections 1251 through 1376), as amended.

43 7. "Closed facility" means:

44 (a) A facility that ceased operation before January 1, 1986, that  
45 is not, on August 13, 1986, engaged in the activity for which the facility



1 was designed and that was previously operated and for which there is no  
2 intent to resume operation.

3 (b) A facility that has been approved as a clean closure by the  
4 director.

5 (c) A facility at which any postclosure monitoring and maintenance  
6 plan, notifications and approvals required in a permit have been  
7 completed.

8 8. "Concentrated animal feeding operation" means an animal feeding  
9 operation that meets the criteria prescribed in 40 Code of Federal  
10 Regulations part 122, appendix B for determining a concentrated animal  
11 feeding operation for purposes of 40 Code of Federal Regulations sections  
12 122.23 and 122.24, appendix C.

13 9. "Department" means the department of environmental quality.

14 10. "Direct reuse" means the beneficial use of reclaimed water for  
15 specific purposes authorized pursuant to section 49-203, subsection A,  
16 paragraph ~~6~~ 7.

17 11. "Director" means the director of environmental quality or the  
18 director's designee.

19 12. "Discharge" means the direct or indirect addition of any  
20 pollutant to the waters of the state from a facility. For purposes of the  
21 aquifer protection permit program prescribed by article 3 of this chapter,  
22 discharge means the addition of a pollutant from a facility either  
23 directly to an aquifer or to the land surface or the vadose zone in such a  
24 manner that there is a reasonable probability that the pollutant will  
25 reach an aquifer.

26 13. "Discharge impact area" means the potential areal extent of  
27 pollutant migration, as projected on the land surface, as the result of a  
28 discharge from a facility.

29 14. "Discharge limitation" means any restriction, prohibition,  
30 limitation or criteria established by the director, through a rule, permit  
31 or order, on quantities, rates, concentrations, combinations, toxicity and  
32 characteristics of pollutants.

33 15. "EFFLUENT-DEPENDENT WATER" MEANS A SURFACE WATER OR PORTION OF A  
34 SURFACE WATER THAT CONSISTS OF A POINT SOURCE DISCHARGE WITHOUT WHICH THE  
35 SURFACE WATER WOULD BE EPHEMERAL. AN EFFLUENT-DEPENDENT WATER MAY BE  
36 PERENNIAL OR INTERMITTENT DEPENDING ON THE VOLUME AND FREQUENCY OF THE  
37 POINT SOURCE DISCHARGE OF TREATED WASTEWATER.

38 ~~15.~~ 16. "Environment" means ~~navigable waters~~ WOTUS, any other  
39 surface waters, groundwater, drinking water supply, land surface or  
40 subsurface strata or ambient air, within or bordering on this state.

41 17. "EPHEMERAL WATER" MEANS A SURFACE WATER OR PORTION OF SURFACE  
42 WATER THAT FLOWS OR POOLS ONLY IN DIRECT RESPONSE TO PRECIPITATION.

43 ~~16.~~ 18. "Existing facility" means a facility on which construction  
44 began before August 13, 1986 and ~~which~~ THAT is neither a new facility nor

1 a closed facility. For the purposes of this definition, construction on a  
2 facility has begun if the facility owner or operator has either:

3 (a) Begun, or caused to begin, as part of a continuous on-site  
4 construction program any placement, assembly or installation of a  
5 building, structure or equipment.

6 (b) Entered a binding contractual obligation to purchase a  
7 building, structure or equipment ~~which~~ THAT is intended to be used in its  
8 operation within a reasonable time. Options to purchase or contracts  
9 ~~which~~ THAT can be terminated or modified without substantial loss, and  
10 contracts for feasibility engineering and design studies, do not  
11 constitute a contractual obligation for purposes of this definition.

12 ~~17.~~ 19. "Facility" means any land, building, installation,  
13 structure, equipment, device, conveyance, area, source, activity or  
14 practice from which there is, or with reasonable probability may be, a  
15 discharge.

16 ~~18.~~ 20. "Gray water" means wastewater that has been collected  
17 separately from a sewage flow and that originates from a clothes washer or  
18 a bathroom tub, shower or sink but that does not include wastewater from a  
19 kitchen sink, dishwasher or toilet.

20 ~~19.~~ 21. "Hazardous substance" means:

21 (a) Any substance designated pursuant to sections 311(b)(2)(A) and  
22 307(a) of the clean water act.

23 (b) Any element, compound, mixture, solution or substance  
24 designated pursuant to section 102 of CERCLA.

25 (c) Any hazardous waste having the characteristics identified under  
26 or listed pursuant to section 49-922.

27 (d) Any hazardous air pollutant listed under section 112 of the  
28 federal clean air act (42 United States Code section 7412).

29 (e) Any imminently hazardous chemical substance or mixture with  
30 respect to which the administrator has taken action pursuant to section 7  
31 of the federal toxic substances control act (15 United States Code section  
32 2606).

33 (f) Any substance ~~which~~ THAT the director, by rule, either  
34 designates as a hazardous substance following the designation of the  
35 substance by the administrator under the authority described in  
36 subdivisions (a) through (e) of this paragraph or designates as a  
37 hazardous substance on the basis of a determination that such substance  
38 represents an imminent and substantial endangerment to public health.

39 ~~20.~~ 22. "Inert material" means broken concrete, asphaltic pavement,  
40 manufactured asbestos-containing products, brick, rock, gravel, sand and  
41 soil. Inert material also includes material that when subjected to a  
42 water leach test that is designed to approximate natural infiltrating  
43 waters will not leach substances in concentrations that exceed numeric  
44 aquifer water quality standards established pursuant to section 49-223,  
45 including overburden and wall rock that is not acid generating, taking

1 into consideration acid neutralization potential, and that has not and  
2 will not be subject to mine leaching operations.

3 23. "INTERMITTENT WATER" MEANS A SURFACE WATER OR PORTION OF SURFACE  
4 WATER THAT FLOWS CONTINUOUSLY DURING CERTAIN TIMES OF THE YEAR AND MORE  
5 THAN IN DIRECT RESPONSE TO PRECIPITATION, SUCH AS WHEN IT RECEIVES WATER  
6 FROM A SPRING, ELEVATED GROUNDWATER TABLE OR ANOTHER SURFACE SOURCE, SUCH  
7 AS MELTING SNOWPACK.

8 ~~21.~~ 24. "Major modification" means a physical change in an existing  
9 facility or a change in its method of operation that results in a  
10 significant increase or adverse alteration in the characteristics or  
11 volume of the pollutants discharged, or the addition of a process or major  
12 piece of production equipment, building or structure that is physically  
13 separated from the existing operation and that causes a discharge,  
14 provided that:

15 (a) A modification to a groundwater protection permit facility as  
16 defined in section 49-241.01, subsection C that would qualify for an  
17 area-wide permit pursuant to section 49-243 consisting of an activity or  
18 structure listed in section 49-241, subsection B shall not constitute a  
19 major modification solely because of that listing.

20 (b) For a groundwater protection permit facility as defined in  
21 section 49-241.01, subsection C, a physical expansion that is accomplished  
22 by lateral accretion or upward expansion within the pollutant management  
23 area of the existing facility or group of facilities shall not constitute  
24 a major modification if the accretion or expansion is accomplished through  
25 sound engineering practice in a manner compatible with existing facility  
26 design, taking into account safety, stability and risk of environmental  
27 release. For a facility described in section 49-241.01, subsection C,  
28 paragraph 1, expansion of a facility shall conform with the terms and  
29 conditions of the applicable permit. For a facility described in section  
30 49-241.01, subsection C, paragraph 2, if the area of the contemplated  
31 expansion is not identified in the notice of disposal, the owner or  
32 operator of the facility shall submit to the director the information  
33 required by section 49-243, subsection A, paragraphs 1, 2, 3 and 7.

34 ~~22. "Navigable waters" means the waters of the United States as~~  
35 ~~defined by section 502(7) of the clean water act (33 United States Code~~  
36 ~~section 1362(7)).~~

37 ~~23.~~ 25. "New facility" means a previously closed facility that  
38 resumes operation or a facility on which construction was begun after  
39 August 13, 1986 on a site at which no other facility is located or to  
40 totally replace the process or production equipment that causes the  
41 discharge from an existing facility. A major modification to an existing  
42 facility is deemed a new facility to the extent that the criteria in  
43 section 49-243, subsection B, paragraph 1 can be practicably applied to  
44 such modification. For the purposes of this definition, construction on a  
45 facility has begun if the facility owner or operator has either:

1 (a) Begun, or caused to begin as part of a continuous on-site  
2 construction program, any placement, assembly or installation of a  
3 building, structure or equipment.

4 (b) Entered a binding contractual obligation to purchase a  
5 building, structure or equipment ~~which~~ THAT is intended to be used in its  
6 operation within a reasonable time. Options to purchase or contracts  
7 ~~which~~ THAT can be terminated or modified without substantial loss, and  
8 contracts for feasibility engineering and design studies, do not  
9 constitute a contractual obligation for purposes of this definition.

10 ~~24.~~ 26. "Nonpoint source" means any conveyance ~~which~~ THAT is not a  
11 point source from which pollutants are or may be discharged to ~~navigable~~  
12 ~~waters~~ WOTUS.

13 27. "NON-WOTUS PROTECTED SURFACE WATER" MEANS A PROTECTED SURFACE  
14 WATER THAT IS NOT A WOTUS.

15 28. "NON-WOTUS WATERS OF THE STATE" MEANS WATERS OF THE STATE THAT  
16 ARE NOT WOTUS.

17 ~~25.~~ 29. "On-site wastewater treatment facility" means a  
18 conventional septic tank system or alternative system that is installed at  
19 a site to treat and dispose of wastewater of predominantly human origin  
20 that is generated at that site.

21 30. "ORDINARY HIGH WATER MARK" MEANS THE LINE ON THE SHORE OF AN  
22 INTERMITTENT OR PERENNIAL PROTECTED SURFACE WATER ESTABLISHED BY THE  
23 FLUCTUATIONS OF WATER AND INDICATED BY PHYSICAL CHARACTERISTICS SUCH AS A  
24 CLEAR, NATURAL LINE IMPRESSED ON THE BANK, SHELVING, CHANGES IN THE  
25 CHARACTER OF SOIL, DESTRUCTION OF TERRESTRIAL VEGETATION, THE PRESENCE OF  
26 LITTER AND DEBRIS OR OTHER APPROPRIATE MEANS THAT CONSIDER THE  
27 CHARACTERISTICS OF THE CHANNEL, FLOODPLAIN AND RIPARIAN AREA.

28 31. "PERENNIAL WATER" MEANS A SURFACE WATER OR PORTION OF SURFACE  
29 WATER THAT FLOWS CONTINUOUSLY THROUGHOUT THE YEAR.

30 ~~26.~~ 32. "Permit" means a written authorization issued by the  
31 director or prescribed by this chapter or in a rule adopted under this  
32 chapter stating the conditions and restrictions governing a discharge or  
33 governing the construction, operation or modification of a facility. FOR  
34 THE PURPOSES OF REGULATING NON-WOTUS PROTECTED SURFACE WATERS, A PERMIT  
35 SHALL NOT INCLUDE PROVISIONS GOVERNING THE CONSTRUCTION, OPERATION OR  
36 MODIFICATION OF A FACILITY EXCEPT AS NECESSARY FOR THE PURPOSE OF ENSURING  
37 THAT A DISCHARGE MEETS WATER QUALITY-RELATED EFFLUENT LIMITATIONS OR TO  
38 REQUIRE BEST MANAGEMENT PRACTICES FOR THE PURPOSE OF ENSURING THAT A  
39 DISCHARGE DOES NOT CAUSE AN EXCEEDANCE OF AN APPLICABLE SURFACE WATER  
40 QUALITY STANDARD.

41 ~~27.~~ 33. "Person" means an individual, employee, officer, managing  
42 body, trust, firm, joint stock company, consortium, public or private  
43 corporation, including a government corporation, partnership, association  
44 or state, a political subdivision of this state, a commission, the United

1 States government or any federal facility, interstate body or other  
2 entity.

3 ~~28.~~ 34. "Point source" means any discernible, confined and discrete  
4 conveyance, including, ~~but not limited to,~~ any pipe, ditch, channel,  
5 tunnel, conduit, well, discrete fissure, container, rolling stock,  
6 concentrated animal feeding operation or vessel or other floating craft  
7 from which pollutants are or may be discharged to ~~navigable waters~~ WOTUS  
8 OR PROTECTED SURFACE WATER. Point source does not include return flows  
9 from irrigated agriculture.

10 ~~29.~~ 35. "Pollutant" means fluids, contaminants, toxic wastes, toxic  
11 pollutants, dredged spoil, solid waste, substances and chemicals,  
12 pesticides, herbicides, fertilizers and other agricultural chemicals,  
13 incinerator residue, sewage, garbage, sewage sludge, munitions, petroleum  
14 products, chemical wastes, biological materials, radioactive materials,  
15 heat, wrecked or discarded equipment, rock, sand, cellar dirt and mining,  
16 industrial, municipal and agricultural wastes or any other liquid, solid,  
17 gaseous or hazardous substances.

18 ~~30.~~ 36. "Postclosure monitoring and maintenance" means those  
19 activities that are conducted after closure notification and that are  
20 necessary to:

21 (a) Keep the facility in compliance with either the aquifer water  
22 quality standards at the applicable point of compliance or, for any  
23 aquifer water quality standard that is exceeded at the time the aquifer  
24 protection permit is issued, the requirement to prevent the facility from  
25 further degrading the aquifer at the applicable point of compliance as  
26 provided under section 49-243, subsection B, paragraph 3.

27 (b) Verify that the actions or controls specified as closure  
28 requirements in an approved closure plan or strategy are routinely  
29 inspected and maintained.

30 (c) Perform any remedial, mitigative or corrective actions or  
31 controls as specified in the aquifer protection permit or perform  
32 corrective action as necessary to comply with this paragraph and article 3  
33 of this chapter.

34 (d) Meet property use restrictions.

35 ~~31.~~ 37. "Practicably" means able to be reasonably done from the  
36 standpoint of technical practicability and, except for pollutants  
37 addressed in section 49-243, subsection I, economically achievable on an  
38 industry-wide basis.

39 38. "PROTECTED SURFACE WATERS" MEANS WATERS OF THE STATE LISTED ON  
40 THE PROTECTED SURFACE WATERS LIST UNDER SECTION 49-221, SUBSECTION G AND  
41 ALL WOTUS.

42 39. "PUBLIC WATERS" MEANS WATERS OF THE STATE OPEN TO OR MANAGED FOR  
43 USE BY MEMBERS OF THE GENERAL PUBLIC.

1       40. "RECHARGE PROJECT" MEANS A FACILITY NECESSARY OR CONVENIENT TO  
2 OBTAIN, DIVERT, WITHDRAW, TRANSPORT, EXCHANGE, DELIVER, TREAT OR STORE  
3 WATER TO INFILTRATE OR REINTRODUCE THAT WATER INTO THE GROUND.

4       ~~32.~~ 41. "Reclaimed water" means water that has been treated or  
5 processed by a wastewater treatment plant or an on-site wastewater  
6 treatment facility.

7       ~~33.~~ 42. "Regulated agricultural activity" means the application of  
8 nitrogen fertilizer or a concentrated animal feeding operation.

9       ~~34.~~ 43. "Safe drinking water act" means the federal safe drinking  
10 water act, as amended (P.L. 93-523; 88 Stat. 1660; 95-190; 91 Stat. 1393).

11       ~~35.~~ 44. "Standards" means water quality standards, pretreatment  
12 standards and toxicity standards established pursuant to this chapter.

13       ~~36.~~ 45. "Standards of performance" means performance standards,  
14 design standards, best management practices, technologically based  
15 standards and other standards, limitations or restrictions established by  
16 the director by rule or by permit condition.

17       ~~37.~~ 46. "Tank" means a stationary device, including a sump, that is  
18 constructed of concrete, steel, plastic, fiberglass, or other non-earthen  
19 material that provides substantial structural support, and that is  
20 designed to contain an accumulation of solid, liquid or gaseous materials.

21       ~~38.~~ 47. "Toxic pollutant" means a substance that will cause  
22 significant adverse reactions if ingested in drinking water. Significant  
23 adverse reactions are reactions that may indicate a tendency of a  
24 substance or mixture to cause long lasting or irreversible damage to human  
25 health.

26       ~~39.~~ 48. "Trade secret" means information to which all of the  
27 following apply:

28       (a) A person has taken reasonable measures to protect from  
29 disclosure and the person intends to continue to take such measures.

30       (b) The information is not, and has not been, reasonably obtainable  
31 without the person's consent by other persons, other than governmental  
32 bodies, by use of legitimate means, other than discovery based on a  
33 showing of special need in a judicial or quasi-judicial proceeding.

34       (c) No statute specifically requires disclosure of the information  
35 to the public.

36       (d) The person has satisfactorily shown that disclosure of the  
37 information is likely to cause substantial harm to the business's  
38 competitive position.

39       ~~40.~~ 49. "Vadose zone" means the zone between the ground surface and  
40 any aquifer.

41       ~~41.~~ 50. "Waters of the state" means all waters within the  
42 jurisdiction of this state including all perennial or intermittent  
43 streams, lakes, ponds, impounding reservoirs, marshes, watercourses,  
44 waterways, wells, aquifers, springs, irrigation systems, drainage systems  
45 and other bodies or accumulations of surface, underground, natural,



1 artificial, public or private water situated wholly or partly in or  
2 bordering on the state.

3 ~~42.~~ 51. "Well" means a bored, drilled or driven shaft, pit or hole  
4 whose depth is greater than its largest surface dimension.

5 52. "WETLAND" MEANS, FOR THE PURPOSES OF NON-WOTUS PROTECTED SURFACE  
6 WATERS, AN AREA THAT IS INUNDATED OR SATURATED BY SURFACE OR GROUNDWATER  
7 AT A FREQUENCY AND DURATION SUFFICIENT TO SUPPORT, AND UNDER NORMAL  
8 CONDITIONS DOES SUPPORT, A PREVALENCE OF VEGETATION TYPICALLY ADAPTED FOR  
9 LIFE IN SATURATED SOIL CONDITIONS.

10 53. "WOTUS" MEANS WATERS OF THE STATE THAT ARE ALSO NAVIGABLE WATERS  
11 AS DEFINED BY SECTION 502(7) OF THE CLEAN WATER ACT.

12 54. "WOTUS PROTECTED SURFACE WATER" MEANS A PROTECTED SURFACE WATER  
13 THAT IS A WOTUS.

14 Sec. 3. Section 49-202, Arizona Revised Statutes, is amended to  
15 read:

16 49-202. Designation of state agency

17 A. The department is designated as the agency for this state for  
18 all purposes of the clean water act, including section 505, the resource  
19 conservation and recovery act, including section 7002, and the safe  
20 drinking water act. The department may take all actions necessary to  
21 administer and enforce these acts as provided in this section, including  
22 entering into contracts, grants and agreements, ~~the adoption, modification~~  
23 ~~ADOPTING, MODIFYING~~ or ~~repeal of~~ ~~REPEALING~~ rules, and initiating  
24 administrative and judicial actions to secure to this state the benefits,  
25 rights and remedies of such acts.

26 B. The department shall process requests under section 401 of the  
27 clean water act for certification of permits required by section 404 of  
28 the clean water act in accordance with subsections C through ~~H~~ I of this  
29 section. Subsections C, ~~and D, subsection E, paragraph 3, subsection F,~~  
30 ~~paragraph 3~~ G and ~~subsection H~~ I of this section apply to the  
31 certification of nationwide or general permits issued under section 404 of  
32 the clean water act. If the department has denied or failed to act on  
33 certification of a nationwide permit or general permit, subsections C  
34 through ~~H~~ I of this section apply to the certification of applications  
35 for or notices of coverage under those permits.

36 C. The department shall review the application for section 401  
37 certification solely to determine whether the effect of the discharge will  
38 comply with the water quality standards for ~~navigable waters~~ WOTUS  
39 established by department rules adopted pursuant to section 49-221,  
40 subsection A, and section 49-222. The department's review shall extend  
41 only to activities conducted within the ordinary high watermark of  
42 ~~navigable waters~~ WOTUS. To the extent that any other standards are  
43 considered applicable pursuant to section 401(a)(1) of the clean water  
44 act, certification of these standards is waived.

1       D. The department may include only those conditions on  
2 certification under section 401 of the clean water act that are required  
3 to ensure compliance with the standards identified in subsection C of this  
4 section. The department may impose reporting and monitoring requirements  
5 as conditions of certification under section 401 of the clean water act  
6 only in accordance with department rules.

7       ~~E. Until January 1, 1999:~~

8       ~~1. The department may request supplemental information from the~~  
9 ~~section 401 certification applicant if the information is necessary to~~  
10 ~~make the certification determination pursuant to subsection C of this~~  
11 ~~section. The department shall request this information in writing within~~  
12 ~~thirty calendar days after receipt of the application for section 401~~  
13 ~~certification. The request shall specifically describe the information~~  
14 ~~requested. Within fifteen calendar days after receipt of the applicant's~~  
15 ~~written response to a request for supplemental information, the department~~  
16 ~~shall either issue a written determination that the application is~~  
17 ~~complete or request specific additional information. The applicant may~~  
18 ~~deem any additional requests for supplemental information as a denial of~~  
19 ~~certification for purposes of subsection H of this section. If the~~  
20 ~~department fails to act within the time limits prescribed by this~~  
21 ~~subsection, the application is deemed complete.~~

22       ~~2. The department shall grant or deny section 401 certification and~~  
23 ~~shall send a written notice of the department's decision to the applicant~~  
24 ~~within thirty calendar days after receipt of a complete application for~~  
25 ~~certification. Written notice of a denial of section 401 certification~~  
26 ~~shall include a detailed description of the reasons for denial.~~

27       ~~3. The department may waive its right to certification by giving~~  
28 ~~written notice of that waiver to the applicant. The department's failure~~  
29 ~~to grant or deny an application within the time limits prescribed by this~~  
30 ~~section is deemed a waiver of certification pursuant to this subsection~~  
31 ~~and section 401(a)(2) of the clean water act.~~

32       ~~F. Beginning January 1, 1999:~~

33       ~~1.~~ E. The department may request supplemental information from the  
34 section 401 certification applicant if the information is necessary to  
35 make the certification determination pursuant to subsection C of this  
36 section. The department shall request this information in writing. The  
37 request shall specifically describe the information requested. After  
38 receipt of the applicant's written response to a request for supplemental  
39 information, the department shall either issue a written determination  
40 that the application is complete or request specific additional  
41 information. The applicant may deem any additional requests for  
42 supplemental information as a denial of certification for THE purposes of  
43 subsection ~~H~~ I of this section. In all other instances, the application  
44 is complete on submission of the information requested by the department.

1       ~~E.~~ F. The department shall grant or deny section 401 certification  
2 and shall send a written notice of the department's decision to the  
3 applicant after receipt of a complete application for certification.  
4 Written notice of a denial of section 401 certification shall include a  
5 detailed description of the reasons for denial.

6       ~~F.~~ G. The department may waive its right to certification by  
7 giving written notice of that waiver to the applicant. The department's  
8 failure to act on an application is deemed a waiver pursuant to this  
9 subsection and section 401(a)(2) of the clean water act.

10       ~~G.~~ H. The department shall adopt rules specifying the information  
11 the department requires an applicant to submit under this section in order  
12 to make the determination required by subsections C and D of this  
13 section. Until these rules are adopted, the department shall require an  
14 applicant to submit only the following information for certification under  
15 this section:

16           1. The name, address and telephone number of the applicant.

17           2. A description of the project to be certified, including an  
18 identification of the ~~navigable waters~~ WOTUS in which the certified  
19 activities will occur.

20           3. The project location, including latitude, longitude and a legal  
21 description.

22           4. A United States geological service topographic map or other  
23 contour map of the project area, if available.

24           5. A map delineating the ordinary high watermark of ~~navigable~~  
25 ~~waters~~ WOTUS affected by the activity to be certified.

26           6. A description of any measures to be applied to the activities  
27 being certified in order to control the discharge of pollutants to  
28 ~~navigable waters~~ WOTUS from those activities.

29           7. A description of the materials being discharged to or placed in  
30 ~~navigable waters~~ WOTUS.

31           8. A copy of the application for a federal permit or license that  
32 is the subject of the requested certification.

33       ~~H.~~ I. Pursuant to title 41, chapter 6, article 10 an applicant for  
34 certification may appeal a denial of certification or any conditions  
35 imposed on certification. Any person who is or may be adversely affected  
36 by the denial of or imposition of conditions on the certification of a  
37 nationwide or general permit may appeal that decision pursuant to title  
38 41, chapter 6, article 10.

39       ~~I.~~ J. Certification under section 401 of the clean water act is  
40 automatically granted for quarrying, crushing and screening of nonmetallic  
41 minerals in ephemeral waters if all of the following conditions are  
42 satisfied within the ordinary high watermark of jurisdictional waters:

43           1. There is no disposal of construction and demolition wastes and  
44 contaminated wastewater.

1           2. Water for dust suppression, if used, does not contain  
2 contaminants that could violate water quality standards.

3           3. Pollution from the operation of equipment in the mining area is  
4 removed and properly disposed.

5           4. Stockpiles of processed materials containing ten ~~per cent~~  
6 PERCENT or more of particles of silt are placed or stabilized to minimize  
7 loss or erosion during flow events. ~~As used in~~ FOR THE PURPOSES OF this  
8 paragraph, "silt" means particles finer than 0.0625 millimeter diameter on  
9 a dry weight basis.

10          5. Measures are implemented to minimize upstream and downstream  
11 scour during flood events to protect the integrity of buried pipelines.

12          6. On completion of quarrying operations in an area, areas denuded  
13 of shrubs and woody vegetation are revegetated to the maximum extent  
14 practicable.

15          ~~J.~~ K. For THE purposes of subsection ~~I~~ J of this section,  
16 "ephemeral waters" means waters of the state that have been designated as  
17 ephemeral in rules adopted by the department.

18          ~~K.~~ L. Certification under section 401 of the clean water act is  
19 automatically granted for any license or permit required for:

20           1. Corrective actions taken pursuant to chapter 6, article 1 of  
21 this title in response to a release of a regulated substance as defined in  
22 section 49-1001 except for those off-site facilities that receive for  
23 treatment or disposal materials that are contaminated with a regulated  
24 substance and that are received as part of a corrective action.

25           2. Response or remedial actions undertaken pursuant to chapter 2,  
26 article 5 of this title or pursuant to CERCLA.

27           3. Corrective actions taken pursuant to chapter 5, article 1 of  
28 this title or the resource conservation AND recovery act of 1976, as  
29 amended (42 United States Code sections 6901 through 6992).

30           4. Other remedial actions that have been reviewed and approved by  
31 the appropriate government authority and taken pursuant to applicable  
32 federal or state laws.

33          ~~I.~~ M. The department of environmental quality is designated as the  
34 state water pollution control agency for this state for all purposes of  
35 CERCLA, except that the department of water resources has joint authority  
36 with the department of environmental quality to conduct feasibility  
37 studies and remedial investigations relating to groundwater quality and  
38 may enter into contracts and cooperative agreements under section 104 of  
39 CERCLA for such studies and remedial investigations. The department of  
40 environmental quality may take all action necessary or appropriate to  
41 secure to this state the benefits of the act, and all such action shall be  
42 taken at the direction of the director of environmental quality as ~~his~~ THE  
43 DIRECTOR'S duties are prescribed in this chapter.

44          ~~M.~~ N. The director and the department of environmental quality may  
45 enter into an interagency contract or agreement with the director of water

resources under title 11, chapter 7, article 3 to implement the provisions of section 104 of CERCLA and to carry out the purposes of subsection ~~4~~ M of this section.

Sec. 4. Section 49-202.01, Arizona Revised Statutes, is amended to read:

49-202.01. Surface water quality general grazing permit; best management practices for grazing activities; definition

A. As part of the duties established pursuant to section 49-203, subsection A, paragraph ~~3~~ 4, the director shall implement a surface water quality general grazing permit consisting of voluntary best management practices for grazing activities.

B. The terms and conditions of the surface water quality general grazing permit shall be voluntary best management practices that have been determined by the committee to be the most practical and effective means of reducing or preventing the nonpoint source discharge of pollutants into ~~navigable waters~~ WOTUS by grazing activities.

C. In adopting voluntary grazing best management practices, the committee shall consider:

1. The availability and effectiveness of alternative technologies.

2. The economic and social impacts of alternative technologies on grazing and associated industries.

3. The institutional considerations of alternative technologies.

4. The potential nature and severity of discharges from grazing activities and their effect on ~~navigable waters~~ WOTUS.

D. For the purposes of this section, "grazing activities" means the feeding of all classes of domestic ruminant and nonruminant animals on grasses, forbs and shrubs in Arizona watersheds.

Sec. 5. Section 49-203, Arizona Revised Statutes, is amended to read:

49-203. Powers and duties of the director and department

A. The director shall:

1. Adopt, by rule, water quality standards in the form and subject to the considerations prescribed by article 2 of this chapter.

2. Adopt, by rule, a permit program ~~FOR~~ WOTUS that is consistent with but ~~no~~ NOT more stringent than the requirements of the clean water act for the point source discharge of any pollutant or combination of pollutants into ~~navigable waters~~ WOTUS. The program and the rules shall be sufficient to enable this state to administer the permit program identified in section 402(b) of the clean water act, including the sewage sludge requirements of section 405 of the clean water act and as prescribed by article 3.1 of this chapter.

3. APPLY THE PROGRAM AND RULES AUTHORIZED UNDER PARAGRAPH 2 OF THIS SUBSECTION TO POINT SOURCE DISCHARGES TO NON-WOTUS PROTECTED SURFACE WATERS, CONSISTENT WITH SECTION 49-255.04, WHICH ESTABLISHES THE PROGRAM

1 COMPONENTS AND RULES THAT DO NOT APPLY TO NON-WOTUS PROTECTED SURFACE  
2 WATERS. THE FOLLOWING ARE EXEMPT FROM THE NON-WOTUS PROTECTED SURFACE  
3 WATERS POINT SOURCE DISCHARGE PROGRAM:

4 (a) DISCHARGES TO A NON-WOTUS PROTECTED SURFACE WATER INCIDENTAL TO  
5 A RECHARGE PROJECT.

6 (b) ESTABLISHED OR ONGOING FARMING, RANCHING AND SILVICULTURE  
7 ACTIVITIES SUCH AS PLOWING, SEEDING, CULTIVATING, MINOR DRAINAGE OR  
8 HARVESTING FOR THE PRODUCTION OF FOOD, FIBER OR FOREST PRODUCTS OR UPLAND  
9 SOIL AND WATER CONSERVATION PRACTICES.

10 (c) MAINTENANCE BUT NOT CONSTRUCTION OF DRAINAGE DITCHES.

11 (d) CONSTRUCTION AND MAINTENANCE OF IRRIGATION DITCHES.

12 (e) MAINTENANCE OF STRUCTURES SUCH AS DAMS, DIKES AND LEVEES.

13 ~~3-~~ 4. Adopt, by rule, a program to control nonpoint source  
14 discharges of any pollutant or combination of pollutants into ~~navigable~~  
15 ~~waters~~ WOTUS.

16 ~~4-~~ 5. Adopt, by rule, an aquifer protection permit program to  
17 control discharges of any pollutant or combination of pollutants that are  
18 reaching or may with a reasonable probability reach an aquifer. The  
19 permit program shall be as prescribed by article 3 of this chapter.

20 ~~5-~~ 6. Adopt, by rule, the permit program for underground injection  
21 control described in the safe drinking water act.

22 ~~6-~~ 7. Adopt, by rule, technical standards for conveyances of  
23 reclaimed water and a permit program for the direct reuse of reclaimed  
24 water.

25 ~~7-~~ 8. Adopt, by rule or as permit conditions, discharge  
26 limitations, best management practice standards, new source performance  
27 standards, toxic and pretreatment standards and other standards and  
28 conditions as reasonable and necessary to carry out the permit programs  
29 and regulatory duties described in paragraphs 2 through ~~5-~~ 6 of this  
30 subsection.

31 ~~8-~~ 9. Assess and collect fees to revoke, issue, deny, modify or  
32 suspend permits issued pursuant to this chapter and to process permit  
33 applications. The director may also assess and collect costs reasonably  
34 necessary if the director must conduct sampling or monitoring relating to  
35 a facility because the owner or operator of the facility has refused or  
36 failed to do so on order by the director. The director shall set fees  
37 that are reasonably related to the department's costs of providing the  
38 service for which the fee is charged. Monies collected from aquifer  
39 protection permit fees and from Arizona pollutant discharge elimination  
40 system permit fees shall be deposited, pursuant to sections 35-146 and  
41 35-147, in the water quality fee fund established by section 49-210.  
42 Monies from other permit fees shall be deposited, pursuant to sections  
43 35-146 and 35-147, in the water quality fee fund unless otherwise provided  
44 by law. Monies paid by an applicant for review by consultants for the  
45 department pursuant to section 49-241.02, subsection D shall be deposited,



1 pursuant to sections 35-146 and 35-147, in the water quality fee fund  
2 established by section 49-210. State agencies are exempt from all fees  
3 imposed pursuant to this chapter except for those fees associated with the  
4 dredge and fill permit program established pursuant to article 3.2 of this  
5 chapter. For services provided under the dredge and fill permit program,  
6 a state agency shall pay either:

7 (a) The fees established by the department under the dredge and  
8 fill permit program.

9 (b) The reasonable cost of services provided by the department  
10 pursuant to an interagency service agreement.

11 ~~9-~~ 10. Adopt, modify, repeal and enforce other rules that are  
12 reasonably necessary to carry out the director's functions under this  
13 chapter.

14 ~~10-~~ 11. Require monitoring at an appropriate point of compliance  
15 for any organic or inorganic pollutant listed under section 49-243,  
16 subsection I if the director has reason to suspect the presence of the  
17 pollutant in a discharge.

18 ~~11-~~ 12. Adopt rules establishing what constitutes a significant  
19 increase or adverse alteration in the characteristics or volume of  
20 pollutants discharged for purposes of determining what constitutes a major  
21 modification to an existing facility under the definition of new facility  
22 pursuant to section 49-201. Before the adoption of these rules, the  
23 director shall determine whether a change at a particular facility results  
24 in a significant increase or adverse alteration in the characteristics or  
25 volume of pollutants discharged on a case-by-case basis, taking into  
26 account site conditions and operational factors.

27 13. CONSIDER EVIDENCE GATHERED BY THE ARIZONA NAVIGABLE STREAM  
28 ADJUDICATION COMMISSION ESTABLISHED BY SECTION 37-1121 WHEN DECIDING  
29 WHETHER A PERMIT IS REQUIRED TO DISCHARGE PURSUANT TO ARTICLE 3.1 OF THIS  
30 CHAPTER.

31 B. The director may:

32 1. On presentation of credentials, enter into, on or through any  
33 public or private property from which a discharge has occurred, is  
34 occurring or may occur or on which any disposal, land application of  
35 sludge or treatment regulated by this chapter has occurred, is occurring  
36 or may be occurring and any public or private property where records  
37 relating to a discharge or records that are otherwise required to be  
38 maintained as prescribed by this chapter are kept, as reasonably necessary  
39 to ensure compliance with this chapter. The director or a department  
40 employee may take samples, inspect and copy records required to be  
41 maintained pursuant to this chapter, inspect equipment, activities,  
42 facilities and monitoring equipment or methods of monitoring, take  
43 photographs and take other action reasonably necessary to determine the  
44 application of, or compliance with, this chapter. The owner or managing  
45 agent of the property shall be afforded the opportunity to accompany the

1 director or department employee during inspections and investigations, but  
2 prior notice of entry to the owner or managing agent is not required if  
3 reasonable grounds exist to believe that notice would frustrate the  
4 enforcement of this chapter. If the director or department employee  
5 obtains any samples before leaving the premises, the director or  
6 department employee shall give the owner or managing agent a receipt  
7 describing the samples obtained and a portion of each sample equal in  
8 volume or weight to the portion retained. If an analysis is made of  
9 samples, or monitoring and testing are performed, a copy of the results  
10 shall be furnished promptly to the owner or managing agent.

11 2. Require any person who has discharged, is discharging or may  
12 discharge into the waters of the state under article 3, 3.1, ~~or~~ 3.2 or 3.3  
13 of this chapter and any person who is subject to pretreatment standards  
14 and requirements or sewage sludge use or disposal requirements under  
15 article 3.1 of this chapter to collect samples, to establish and maintain  
16 records, including photographs, and to install, use and maintain sampling  
17 and monitoring equipment to determine the absence or presence and nature  
18 of the discharge or indirect discharge or sewage sludge use or disposal.

19 3. Administer state or federal grants, including grants to  
20 political subdivisions of this state, for the construction and  
21 installation of publicly and privately owned pollutant treatment works and  
22 pollutant control devices and establish grant application priorities.

23 4. Develop, implement and administer a water quality planning  
24 process, including a ranking system for applicant eligibility, wherein  
25 appropriated state monies and available federal monies are awarded to  
26 political subdivisions of this state to support or assist regional water  
27 quality planning programs and activities.

28 5. Enter into contracts and agreements with the federal government  
29 to implement federal environmental statutes and programs.

30 6. Enter into intergovernmental agreements pursuant to title 11,  
31 chapter 7, article 3 if the agreement is necessary to more effectively  
32 administer the powers and duties described in this chapter.

33 7. Participate in, conduct and contract for studies,  
34 investigations, research and demonstrations relating to the causes,  
35 minimization, prevention, correction, abatement, mitigation, elimination,  
36 control and remedy of discharges and collect and disseminate information  
37 relating to discharges.

38 8. File bonds or other security as required by a court in any  
39 enforcement actions under article 4 of this chapter.

40 9. Adopt by rule a permit program for the discharge of dredged or  
41 fill material into ~~navigable waters~~ WOTUS for purposes of implementing the  
42 permit program established by 33 United States Code section 1344.

43 C. Subject to section 38-503 and other applicable statutes and  
44 rules, the department may contract with a private consultant ~~for the~~  
45 ~~purposes of assisting~~ TO ASSIST the department in reviewing aquifer

1 protection permit applications and on-site wastewater treatment facilities  
2 to determine whether a facility meets the criteria and requirements of  
3 this chapter and the rules adopted by the director. Except as provided in  
4 section 49-241.02, subsection D, the department shall not use a private  
5 consultant if the fee charged for that service would be greater than the  
6 fee the department would charge to provide that service. The department  
7 shall pay the consultant for the services rendered by the consultant from  
8 fees paid by the applicant or facility to the department pursuant to  
9 subsection A, paragraph ~~8~~ 9 of this section.

10 D. The director shall integrate all of the programs authorized in  
11 this section and other programs affording water quality protection that  
12 are administered by the department for purposes of administration and  
13 enforcement and shall avoid duplication and dual permitting to the maximum  
14 extent practicable.

15 Sec. 6. Section 49-210, Arizona Revised Statutes, is amended to  
16 read:

17 49-210. Water quality fee fund; appropriation; exemption;  
18 monies held in trust

19 A. The water quality fee fund is established consisting of monies  
20 appropriated by the legislature and fees received pursuant to sections  
21 49-104, 49-203, 49-241, 49-241.02, 49-242, 49-255.01, 49-332, 49-352,  
22 49-353 and 49-361. The director shall administer the fund.

23 B. Monies in the fund are subject to annual legislative  
24 appropriation to the department for water quality programs. Monies in the  
25 fund are exempt from the provisions of section 35-190 relating to lapsing  
26 of appropriations.

27 C. On notice from the director, the state treasurer shall invest  
28 and divest monies in the fund as provided by section 35-313, and monies  
29 earned from investment shall be credited to the fund.

30 D. Monies in the water quality fee fund shall be used for the  
31 following purposes:

32 1. ~~The issuance of~~ TO ISSUE aquifer protection permits pursuant to  
33 section 49-241.

34 2. The aquifer protection permit registration fee procedures  
35 pursuant to section 49-242.

36 3. Dry well registration fee procedures pursuant to section 49-332.

37 4. Technical review fee procedures pursuant to section 49-353.

38 5. Inspection fee procedures pursuant to section 49-104,  
39 subsection C.

40 6. ~~The issuance of~~ TO ISSUE permits under the Arizona pollutant  
41 discharge elimination system program pursuant to section 49-255.01.

42 7. Operator certification pursuant to sections 49-352 and 49-361.

43 8. Paying the cost of implementing section 49-203, subsection A,  
44 paragraph ~~6~~ 7 and section 49-221, subsection E.

1           9. Water quality monitoring pursuant to section 49-225 and  
2 reporting of aquifer pollution information pursuant to section 49-249.

3           10. ~~Implementation~~ TO IMPLEMENT and ~~administration of~~ ADMINISTER  
4 the underground injection control permit program established pursuant to  
5 article 3.3 of this chapter.

6           11. ~~Implementation~~ TO IMPLEMENT and ~~administration of~~ ADMINISTER  
7 the dredge and fill permit program established pursuant to article 3.2 of  
8 this chapter, including review and analysis for issuing jurisdictional  
9 determinations.

10          E. Any fee, assessment or other levy that is authorized by law or  
11 administrative rule and that is collected and deposited in the water  
12 quality fee fund shall be held in trust. The monies in the fund may be  
13 used only for the purposes prescribed by statute and shall not be  
14 appropriated or transferred by the legislature to fund the general  
15 operations of this state or to otherwise meet the obligations of the  
16 general fund of this state. This subsection does not apply to any taxes  
17 or other levies that are imposed pursuant to title 42 or 43.

18          Sec. 7. Section 49-221, Arizona Revised Statutes, is amended to  
19 read:

20           49-221. Water quality standards in general; protected surface  
21 waters list

22          A. The director shall:

23           1. Adopt, by rule, water quality standards for all ~~navigable~~  
24 ~~waters~~ WOTUS and for all waters in all aquifers to preserve and protect  
25 the quality of those waters for all present and reasonably foreseeable  
26 future uses. FOR NON-WOTUS PROTECTED SURFACE WATERS, THE DIRECTOR SHALL  
27 APPLY SURFACE WATER QUALITY STANDARDS ESTABLISHED AS OF JANUARY 1, 2021,  
28 UNTIL SPECIFICALLY CHANGED BY THE DIRECTOR PURSUANT TO PARAGRAPH 2 OF THIS  
29 SUBSECTION. RULES REGARDING THE FOLLOWING SHALL NOT BE ADOPTED OR APPLIED  
30 AS WATER QUALITY STANDARDS FOR NON-WOTUS PROTECTED SURFACE WATERS:

31           (a) ANTIDegradation.

32           (b) ANTIDegradation CRITERIA.

33           (c) OUTSTANDING ARIZONA WATERS.

34           2. ADOPT, BY RULE, WATER QUALITY STANDARDS FOR NON-WOTUS PROTECTED  
35 SURFACE WATERS, BY DECEMBER 31, 2022, CONSISTENT WITH PARAGRAPH 1 OF THIS  
36 SUBSECTION AND AS DETERMINED NECESSARY IN THE RULEMAKING PROCESS. IN  
37 ADOPTING THOSE STANDARDS, THE DIRECTOR SHALL CONSIDER THE UNIQUE  
38 CHARACTERISTICS OF THIS STATE'S SURFACE WATERS AND THE ECONOMIC, SOCIAL  
39 AND ENVIRONMENTAL COSTS AND BENEFITS THAT WOULD RESULT FROM THE ADOPTION  
40 OF A WATER QUALITY STANDARD AT A PARTICULAR LEVEL OR FOR A PARTICULAR  
41 WATER CATEGORY.

42          B. The director may adopt, by rule, water quality standards for  
43 waters of the state other than those described in subsection A of this  
44 section, including standards for the use of water pumped from an aquifer  
45 that does not meet the standards adopted pursuant to section 49-223,

1 subsections A and B and that is put to a beneficial use other than  
2 drinking water. These standards may include standards for the use of  
3 water pumped as part of a remedial action. In adopting such standards,  
4 the director shall consider the economic, social and environmental costs  
5 and benefits that would result from the adoption of a water quality  
6 standard at a particular level or for a particular water category.

7 C. In setting standards pursuant to subsection A or B of this  
8 section, the director shall consider, ~~but not be limited to,~~ the  
9 following:

10 1. The protection of the public health and the environment.

11 2. The uses that have been made, are being made or with reasonable  
12 probability may be made of these waters.

13 3. The provisions and requirements of the clean water act and safe  
14 drinking water act and the regulations adopted pursuant to those acts.

15 4. The degree to which standards for one category of waters could  
16 cause violations of standards for other, hydrologically connected, water  
17 categories.

18 5. Guidelines, action levels or numerical criteria adopted or  
19 recommended by the United States environmental protection agency or any  
20 other federal agency.

21 6. Any unique physical, biological or chemical properties of the  
22 waters.

23 D. Water quality standards shall be expressed in terms of the uses  
24 to be protected and, if adequate information exists to do so, numerical  
25 limitations or parameters, in addition to any narrative standards that the  
26 director deems appropriate.

27 E. The director may adopt by rule water quality standards for the  
28 direct reuse of reclaimed water. In establishing these standards, the  
29 director shall consider the following:

30 1. The protection of public health and the environment.

31 2. The uses that are being made or may be made of the reclaimed  
32 water.

33 3. The degree to which standards for the direct reuse of reclaimed  
34 water may cause violations of water quality standards for other  
35 hydrologically connected water categories.

36 F. If the director proposes to adopt water quality standards for  
37 agricultural water, the director shall consult, cooperate, collaborate  
38 and, if necessary, enter into interagency agreements and memoranda of  
39 understanding with the Arizona department of agriculture relating to its  
40 administration, ~~pursuant to title 3, chapter 3, article 4.1,~~ of this  
41 state's authority relating to agricultural water under the United States  
42 food and drug administration produce safety rule (21 Code of Federal  
43 Regulations part 112, subpart E) and any other federal produce safety  
44 regulation, order or guideline or other requirement adopted pursuant to

1 the FDA food safety modernization act (P.L. 111-353; 21 United States Code  
2 sections 2201 through 2252). For the purposes of this subsection:

3 1. "Agricultural water":

4 (a) Means water that is used in a covered activity on produce where  
5 water is intended to, or is likely to, contact produce or food contact  
6 surfaces.

7 (b) Includes all of the following:

8 (i) Water used in growing activities, including irrigation water,  
9 water used for preparing crop sprays and water used for growing sprouts.

10 (ii) Water used in harvesting, packing and holding activities,  
11 including water used for washing or cooling harvested produce and water  
12 used for preventing dehydration of produce.

13 2. "Covered activity" means growing, harvesting, packing or holding  
14 produce. Covered activity includes processing produce to the extent that  
15 the activity is within the meaning of farm as defined in section 3-525.

16 3. "Harvesting" has the same meaning prescribed in section 3-525.

17 4. "Holding" has the same meaning prescribed in section 3-525.

18 5. "Packing" has the same meaning prescribed in section 3-525.

19 6. "Produce" has the same meaning prescribed in section 3-525.

20 G. THE DIRECTOR SHALL MAINTAIN AND PUBLISH A PROTECTED SURFACE  
21 WATERS LIST. THE DEPARTMENT SHALL PUBLISH THE INITIAL LIST ON THE  
22 DEPARTMENT'S WEBSITE AND IN THE ARIZONA ADMINISTRATIVE REGISTER WITHIN  
23 THIRTY DAYS AFTER THE EFFECTIVE DATE OF THIS AMENDMENT TO THIS SECTION.  
24 NOT LATER THAN DECEMBER 31, 2022, THE DEPARTMENT SHALL ADOPT BY RULE THE  
25 PROTECTED SURFACE WATERS LIST, INCLUDING PROCEDURES FOR DETERMINING  
26 ECONOMIC, SOCIAL AND ENVIRONMENTAL COSTS AND BENEFITS. PUBLICATION OF THE  
27 LIST IN THE ARIZONA ADMINISTRATIVE REGISTER IS AN APPEALABLE AGENCY ACTION  
28 PURSUANT TO TITLE 41, CHAPTER 6, ARTICLE 10 AND MAY BE APPEALED BY ANY  
29 PARTY THAT PROVIDES EVIDENCE OF AN ACTUAL ADVERSE EFFECT THAT THE PARTY  
30 APPEALING THE DECISION WOULD SUFFER AS A RESULT OF THE DIRECTOR'S  
31 DECISION. ALL OF THE FOLLOWING APPLY TO THE PROTECTED SURFACE WATER LIST:

32 1. THE PROTECTED SURFACE WATERS LIST SHALL INCLUDE:

33 (a) ALL WOTUS.

34 (b) ANY PERENNIAL, INTERMITTENT AND EPHEMERAL REACHES AND ANY  
35 IMPOUNDMENTS OF THE FOLLOWING RIVERS, NOT INCLUDING TRIBUTARIES OR REACHES  
36 OF WATERS WHOLLY WITHIN TRIBAL JURISDICTION OR REACHES OF WATERS OUTSIDE  
37 OF THE UNITED STATES:

38 (i) THE BILL WILLIAMS RIVER, FROM THE CONFLUENCE OF THE BIG SANDY  
39 AND SANTA MARIA RIVERS AT 113°31'38.617"W, 34°18'22.373"N, TO ITS  
40 CONFLUENCE WITH THE COLORADO RIVER AT 114°8'9.854"W, 34°18'9.33"N.

41 (ii) THE COLORADO RIVER, FROM THE ARIZONA-UTAH BORDER AT  
42 111°32'35.741"W, 36°58'51.698"N, TO THE ARIZONA-MEXICO BORDER AT 114°  
43 43'12.564"W, 32°43'6.218"N.

1 (iii) THE GILA RIVER, FROM THE ARIZONA-NEW MEXICO BORDER AT  
2 109°2'52.8"W, 32°41'11.2015"N, TO THE CONFLUENCE WITH THE COLORADO RIVER  
3 AT 114°33'28.145"W, 32°43'14.408"N.

4 (iv) THE LITTLE COLORADO RIVER, FROM THE CONFLUENCE OF THE EAST AND  
5 WEST FORKS OF THE LITTLE COLORADO RIVER AT 109°28'7.131"W, 33°59'39.852"N,  
6 TO ITS CONFLUENCE WITH THE COLORADO RIVER AT 111°49'4.693"W,  
7 36°12'10.243"N.

8 (v) THE SALT RIVER, FROM THE CONFLUENCE OF THE BLACK AND WHITE  
9 RIVERS AT 110°13'39.5"W, 33°44'6.082"N, TO THE CONFLUENCE WITH THE GILA  
10 RIVER AT 112°18'5.704"W, 33°22'42.978"N.

11 (vi) THE SAN PEDRO RIVER, FROM THE ARIZONA-MEXICO BORDER AT  
12 110°9'1.704"W, 31°20'2.387"N, TO THE CONFLUENCE WITH THE GILA RIVER AT  
13 110°47'0.905"W, 32°59'5.671"N.

14 (vii) THE SANTA CRUZ RIVER, FROM ITS ORIGINS IN THE CANELO HILLS OF  
15 SOUTHEASTERN ARIZONA AT 110°37'3.968"W, 31°27'39.21"N, TO ITS CONFLUENCE  
16 WITH THE GILA RIVER AT 111°33'26.02"W, 32°41'39.058"N.

17 (viii) THE VERDE RIVER, FROM SULLIVAN LAKE AT 112°28'10.588"W,  
18 34°52'11.136"N, TO ITS CONFLUENCE WITH THE SALT RIVER AT 111°39'48.32"W,  
19 33°33'20.538"N.

20 (c) ANY NON-WOTUS WATERS OF THE STATE THAT ARE ADDED UNDER  
21 PARAGRAPHS 3 AND 4 OF THIS SUBSECTION.

22 2. NOTWITHSTANDING PARAGRAPH 1 OF THIS SUBSECTION, THE PROTECTED  
23 SURFACE WATERS LIST SHALL NOT CONTAIN ANY OF THE FOLLOWING NON-WOTUS  
24 WATERS:

25 (a) CANALS IN THE YUMA PROJECT AND DITCHES, CANALS, PIPES,  
26 IMPOUNDMENTS AND OTHER FACILITIES THAT ARE OPERATED BY DISTRICTS ORGANIZED  
27 UNDER TITLE 48, CHAPTERS 18, 19, 20, 21 AND 22 AND THAT ARE NOT USED TO  
28 DIRECTLY DELIVER WATER FOR HUMAN CONSUMPTION, EXCEPT WHEN ADDED PURSUANT  
29 TO PARAGRAPH 4 OF THIS SUBSECTION AND IN RESPONSE TO A WRITTEN REQUEST  
30 FROM THE OWNER AND OPERATOR OF THE DITCH OR CANAL UNTIL THE OWNER AND  
31 OPERATOR WITHDRAWS ITS REQUEST.

32 (b) IRRIGATED AREAS, INCLUDING FIELDS FLOODED FOR AGRICULTURAL  
33 PRODUCTION.

34 (c) ORNAMENTAL AND URBAN PONDS AND LAKES SUCH AS THOSE OWNED BY  
35 HOMEOWNERS' ASSOCIATIONS AND GOLF COURSES, EXCEPT WHEN ADDED PURSUANT TO  
36 PARAGRAPH 4 OF THIS SUBSECTION AND IN RESPONSE TO A WRITTEN REQUEST FROM  
37 THE OWNER OF THE ORNAMENTAL OR URBAN POND OR LAKE UNTIL THE OWNER  
38 WITHDRAWS ITS REQUEST.

39 (d) SWIMMING POOLS AND OTHER BODIES OF WATER THAT ARE REGULATED  
40 PURSUANT TO SECTION 49-104, SUBSECTION B.

41 (e) LIVESTOCK AND WILDLIFE WATER TANKS AND AQUACULTURE TANKS THAT  
42 ARE NOT CONSTRUCTED WITHIN A PROTECTED SURFACE WATER.

43 (f) STORMWATER CONTROL FEATURES.

44 (g) GROUNDWATER RECHARGE, WATER REUSE AND WASTEWATER RECYCLING  
45 STRUCTURES, INCLUDING UNDERGROUND STORAGE FACILITIES AND GROUNDWATER

1 SAVINGS FACILITIES PERMITTED UNDER TITLE 45, CHAPTER 3.1 AND DETENTION AND  
2 INFILTRATION BASINS, EXCEPT WHEN ADDED PURSUANT TO PARAGRAPH 4 OF THIS  
3 SUBSECTION AND IN RESPONSE TO A WRITTEN REQUEST FROM THE OWNER OF THE  
4 GROUNDWATER RECHARGE, WATER REUSE OR WASTEWATER RECYCLING STRUCTURE UNTIL  
5 THE OWNER WITHDRAWS ITS REQUEST.

6 (h) WATER-FILLED DEPRESSIONS CREATED AS PART OF MINING OR  
7 CONSTRUCTION ACTIVITIES OR PITS EXCAVATED TO OBTAIN FILL, SAND OR GRAVEL.

8 (i) ALL WASTE TREATMENT SYSTEMS COMPONENTS, INCLUDING CONSTRUCTED  
9 WETLANDS, LAGOONS AND TREATMENT PONDS, SUCH AS SETTLING OR COOLING PONDS,  
10 DESIGNED TO EITHER CONVEY OR RETAIN, CONCENTRATE, SETTLE, REDUCE OR REMOVE  
11 POLLUTANTS, EITHER ACTIVELY OR PASSIVELY, FROM WASTEWATER BEFORE DISCHARGE  
12 OR TO ELIMINATE DISCHARGE.

13 (j) GROUNDWATER.

14 (k) EPHEMERAL WATERS EXCEPT FOR THOSE PRESCRIBED IN PARAGRAPH 1,  
15 SUBDIVISION (b) OF THIS SUBSECTION.

16 (l) LAKES AND PONDS OWNED AND MANAGED BY THE UNITED STATES  
17 DEPARTMENT OF DEFENSE AND OTHER SURFACE WATERS LOCATED ON AND THAT DO NOT  
18 LEAVE UNITED STATES DEPARTMENT OF DEFENSE PROPERTY, EXCEPT WHEN ADDED  
19 PURSUANT TO PARAGRAPH 4 OF THIS SUBSECTION AND IN RESPONSE TO A WRITTEN  
20 REQUEST FROM THE UNITED STATES DEPARTMENT OF DEFENSE UNTIL IT WITHDRAWS  
21 ITS REQUEST.

22 3. UNLESS LISTED IN PARAGRAPH 2 OF THIS SUBSECTION, THE DIRECTOR  
23 SHALL ADD THE FOLLOWING NON-WOTUS SURFACE WATERS TO THE PROTECTED SURFACE  
24 WATERS LIST:

25 (a) ALL LAKES, PONDS AND RESERVOIRS THAT ARE PUBLIC WATERS USED AS A  
26 DRINKING SOURCE, FOR RECREATIONAL OR COMMERCIAL FISH CONSUMPTION OR FOR  
27 WATER-BASED RECREATION SUCH AS SWIMMING, WADING AND BOATING AND OTHER  
28 TYPES OF RECREATION IN AND ON THE WATER.

29 (b) PERENNIAL WATERS OR INTERMITTENT WATERS OF THE STATE THAT ARE  
30 USED AS A DRINKING WATER SOURCE, INCLUDING DITCHES AND CANALS.

31 (c) PERENNIAL OR INTERMITTENT TRIBUTARIES TO THE BILL WILLIAMS  
32 RIVER, THE COLORADO RIVER, THE GILA RIVER, THE LITTLE COLORADO RIVER, THE  
33 SALT RIVER, THE SAN PEDRO RIVER, THE SANTA CRUZ RIVER AND THE VERDE RIVER.

34 (d) PERENNIAL OR INTERMITTENT PUBLIC WATERS USED FOR RECREATIONAL OR  
35 COMMERCIAL FISH CONSUMPTION.

36 (e) PERENNIAL OR INTERMITTENT PUBLIC WATERS USED FOR WATER-BASED  
37 RECREATION SUCH AS SWIMMING, WADING, BOATING AND OTHER TYPES OF RECREATION  
38 IN AND ON THE WATER.

39 (f) PERENNIAL OR INTERMITTENT WETLANDS ADJACENT TO WATERS ON THE  
40 PROTECTED SURFACE WATERS LIST.

41 (g) PERENNIAL OR INTERMITTENT WATERS OF THE STATE THAT CROSS INTO  
42 ANOTHER STATE, THE REPUBLIC OF MEXICO OR THE RESERVATION OF A FEDERALLY  
43 RECOGNIZED TRIBE.

44 4. THE DIRECTOR MAY ADD ADDITIONAL NON-WOTUS SURFACE WATERS TO THE  
45 PROTECTED SURFACE WATERS LIST IF ALL OF THE FOLLOWING APPLY:



1 (a) THE WATER IS NOT REQUIRED TO BE LISTED UNDER PARAGRAPH 1 OR 3 OF  
2 THIS SUBSECTION.

3 (b) THE WATER IS NOT EXCLUDED UNDER PARAGRAPH 2 OF THIS SUBSECTION.

4 (c) THE ECONOMIC, ENVIRONMENTAL AND SOCIAL BENEFITS OF ADDING THE  
5 WATER OUTWEIGH THE ECONOMIC, ENVIRONMENTAL AND SOCIAL COSTS OF EXCLUDING  
6 THE WATER FROM THE LIST.

7 5. THE DIRECTOR SHALL REMOVE ANY ERRONEOUSLY LISTED, NON-WOTUS  
8 WATERS FROM THE PROTECTED SURFACE WATERS LIST WHEN THE WATER IS EXCLUDED  
9 UNDER PARAGRAPH 2 OF THIS SUBSECTION AND SHALL NOT REGULATE DISCHARGES TO  
10 THOSE WATERS IN THE INTERIM.

11 6. THE DIRECTOR SHALL REMOVE NON-WOTUS WATERS FROM THE PROTECTED  
12 SURFACE WATERS LIST WHEN THE WATER IS NOT REQUIRED TO BE LISTED UNDER  
13 PARAGRAPH 3 OF THIS SUBSECTION AND THE ECONOMIC, ENVIRONMENTAL AND SOCIAL  
14 BENEFITS OF REMOVING THE WATER OUTWEIGH THE ECONOMIC, ENVIRONMENTAL AND  
15 SOCIAL COSTS OF RETAINING THE WATER ON THE LIST.

16 7. THE DIRECTOR, ON AN EMERGENCY BASIS, MAY ADD A WATER TO THE  
17 PROTECTED SURFACE WATERS LIST IF THE DIRECTOR DISCOVERS AN IMMINENT AND  
18 SUBSTANTIAL DANGER TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT, IF THE  
19 WATER WOULD OTHERWISE QUALIFY TO BE ADDED UNDER PARAGRAPH 3 OF THIS  
20 SUBSECTION. NOTWITHSTANDING ANY OTHER LAW, THE EMERGENCY ADDITION SHALL  
21 TAKE EFFECT IMMEDIATELY ON THE DIRECTOR'S DETERMINATION THAT DESCRIBES THE  
22 IMMINENT AND SUBSTANTIAL DANGER IN WRITING. WITHIN THIRTY DAYS AFTER THE  
23 DIRECTOR'S DETERMINATION, THE DEPARTMENT SHALL PUBLISH A NOTICE OF THAT  
24 DETERMINATION IN THE ARIZONA ADMINISTRATIVE REGISTER AND ON THE  
25 DEPARTMENT'S WEBSITE. WATERS ADDED UNDER THIS SUBSECTION SHALL BE  
26 INCORPORATED INTO THE PROTECTED SURFACE WATERS LIST DURING THE NEXT  
27 RULEMAKING THAT FOLLOWS THE ADDITION.

28 Sec. 8. Section 49-222, Arizona Revised Statutes, is amended to  
29 read:

30 49-222. Water quality standards for WOTUS

31 A. Standards for the quality of ~~navigable waters~~ WOTUS shall assure  
32 water quality, if attainable, which provides for protecting the public  
33 health and welfare, and shall enhance the quality of water taking into  
34 consideration its use and value for public water supplies, the propagation  
35 of fish and wildlife and recreational, agricultural, industrial and other  
36 purposes including navigation.

37 B. ~~Not later than January 1, 1990,~~ The director shall adopt  
38 standards for the quality of all ~~navigable waters which~~ WOTUS THAT  
39 establish numeric limitations on the concentrations of each of the toxic  
40 pollutants listed by the administrator pursuant to section 307 of the  
41 clean water act (33 United States Code section 1317).

42 C. In setting numeric standards for the quality of ~~navigable waters~~  
43 WOTUS, the director may consider the effect of local water quality  
44 characteristics on the toxicity of specific pollutants and the varying  
45 sensitivities of local affected aquatic populations to such pollutants,

1 and the extent to which the natural flow of the stream is intermittent or  
2 ephemeral, as a result of which the instream flow consists mostly of  
3 treated wastewater effluent, except that such standards shall not, in any  
4 event, be inconsistent with the clean water act. In applying such  
5 standards the director may establish appropriate mixing zones.

6 Sec. 9. Section 49-225, Arizona Revised Statutes, is amended to  
7 read:

8 49-225. Water quality monitoring

9 A. The director of environmental quality, with the advice and  
10 cooperation of the Arizona department of agriculture and the director of  
11 water resources when appropriate, shall conduct ongoing monitoring of the  
12 waters of the state including the state's ~~navigable waters~~ WOTUS and  
13 aquifers to detect the presence of new and existing pollutants, determine  
14 compliance with applicable water quality standards, determine the  
15 effectiveness of best management practices, agricultural best management  
16 practices and best available demonstrated control technologies, evaluate  
17 the effects of pollutants on public health or the environment and  
18 determine water quality trends.

19 B. The director shall maintain a statewide database of groundwater  
20 and soils sampled for pollutants. All agencies shall submit to the  
21 director, in a timely manner, the results of any groundwater or soils  
22 sampling for pollutants and the results of any groundwater or soils  
23 sampling that detect any pollutants.

24 C. The director shall establish minimum requirements and schedules  
25 for groundwater and soils sampling that will ensure precise and accurate  
26 results. The requirements shall be distributed to all agencies that  
27 conduct sampling. All sampling conducted shall meet the minimum  
28 requirements established pursuant to this subsection.

29 Sec. 10. Section 49-231, Arizona Revised Statutes, is amended to  
30 read:

31 49-231. Definitions

32 In this article, unless the context otherwise requires:

33 1. "Impaired water" means a ~~navigable~~ PROTECTED SURFACE water for  
34 which credible scientific data exists that satisfies the requirements of  
35 section 49-232, and that, IN THE CASE OF WOTUS, demonstrates that the  
36 water should be identified pursuant to 33 United States Code section  
37 1313(d) and the regulations implementing that statute.

38 2. "Surface water quality standard" means a standard adopted for a  
39 ~~navigable~~ PROTECTED SURFACE water pursuant to ~~sections SECTION 49-221 and~~  
40 ~~49-222 and section 303(c) of the clean water act (33 United States Code~~  
41 ~~section 1313(c)) AND, IN THE CASE OF WOTUS, PURSUANT TO SECTION 49-222.~~

42 3. "TMDL implementation plan" means a written strategy to implement  
43 a total maximum daily load that is developed for an impaired water. TMDL  
44 implementation plans may rely on any combination of the following  
45 components that the department determines will result in achieving and

1 maintaining compliance with applicable surface water quality standards in  
2 the most cost-effective and equitable manner:

- 3 (a) Permit limitations.
- 4 (b) Best management practices.
- 5 (c) Education and outreach efforts.
- 6 (d) Technical assistance.
- 7 (e) Cooperative agreements, voluntary measures and incentive-based  
8 programs.
- 9 (f) Load reductions resulting from other legally required programs  
10 or activities.
- 11 (g) Land management programs.
- 12 (h) Pollution prevention planning, waste minimization or pollutant  
13 trading agreements.
- 14 (i) Other measures deemed appropriate by the department.

15 4. "Total maximum daily load" means an estimation of the total  
16 amount of a pollutant from all sources that may be added to a water while  
17 still allowing the water to achieve and maintain applicable surface water  
18 quality standards. Each total maximum daily load shall include  
19 allocations for sources that contribute the pollutant to the water. ~~as~~  
20 ~~required by~~ TOTAL MAXIMUM DAILY LOADS FOR WOTUS SHALL MEET THE  
21 REQUIREMENTS OF section 303(d) of the clean water act (33 United States  
22 Code section 1313(d)) and regulations implementing that statute to achieve  
23 applicable surface water quality standards. TOTAL MAXIMUM DAILY LOADS FOR  
24 NON-WOTUS PROTECTED SURFACE WATERS SHALL NOT BE SUBJECT TO REVIEW,  
25 APPROVAL OR ENFORCEMENT BY THE UNITED STATES ENVIRONMENTAL PROTECTION  
26 AGENCY.

27 Sec. 11. Section 49-232, Arizona Revised Statutes, is amended to  
28 read:

29 49-232. Lists of impaired waters; data requirements; rules

30 A. At least once every five years, the department shall prepare a  
31 list of impaired ~~waters for the purpose of complying~~ WOTUS TO COMPLY with  
32 section 303(d) of the clean water act (33 United States Code section  
33 1313(d)). The department shall provide public notice and allow for  
34 comment on a draft list of impaired ~~waters~~ WOTUS prior to its submission  
35 to the United States environmental protection agency. The department  
36 shall prepare written responses to comments received on the draft list.  
37 The department shall publish the list of impaired ~~waters~~ WOTUS that it  
38 plans to submit initially to the regional administrator and a summary of  
39 the responses to comments on the draft list in the Arizona administrative  
40 register at least forty-five days before submission of the list to the  
41 regional administrator. Publication of the list in the Arizona  
42 administrative register is an appealable agency action pursuant to title  
43 41, chapter 6, article 10 that may be appealed by any party that submitted  
44 written comments on the draft list. If the department receives a notice  
45 of appeal of a listing pursuant to section ~~41-1092, subsection B~~

1 41.1092.03 within forty-five days ~~of~~ AFTER the publication of the list in  
2 the Arizona administrative register, the department shall not include the  
3 challenged listing in its initial submission to the regional  
4 administrator. The department may subsequently submit the challenged  
5 listing to the regional administrator if the listing is upheld in the  
6 director's final administrative decision pursuant to section 41-1092.08,  
7 or if the challenge to the listing is withdrawn prior to a final  
8 administrative decision.

9 B. ON OR BEFORE DECEMBER 31, 2022 AND AT LEAST ONCE EVERY FIVE  
10 YEARS THEREAFTER, THE DEPARTMENT SHALL PREPARE A LIST OF IMPAIRED  
11 NON-WOTUS PROTECTED SURFACE WATERS. THE DEPARTMENT SHALL PROVIDE PUBLIC  
12 NOTICE AND OPPORTUNITY TO COMMENT ON A DRAFT LIST OF IMPAIRED NON-WOTUS  
13 PROTECTED SURFACE WATERS PREPARED UNDER THIS SUBSECTION. THE DEPARTMENT  
14 SHALL PREPARE WRITTEN RESPONSES TO COMMENTS RECEIVED ON THE DRAFT LIST.  
15 THE DEPARTMENT SHALL PUBLISH THE LIST OF IMPAIRED NON-WOTUS PROTECTED  
16 SURFACE WATERS AND A SUMMARY OF THE RESPONSES TO COMMENTS ON THE DRAFT  
17 LIST IN THE ARIZONA ADMINISTRATIVE REGISTER. PUBLICATION OF THE LIST IN  
18 THE ARIZONA ADMINISTRATIVE REGISTER IS AN APPEALABLE AGENCY ACTION  
19 PURSUANT TO TITLE 41, CHAPTER 6, ARTICLE 10 AND MAY BE APPEALED BY ANY  
20 PARTY THAT SUBMITTED WRITTEN COMMENTS ON THE DRAFT LIST.

21 ~~B.~~ C. In determining whether a water is impaired, the department  
22 shall consider only reasonably current credible and scientifically  
23 defensible data that the department has collected or has received from  
24 another source. Results of water sampling or other assessments of water  
25 quality, including physical or biological health, shall be considered  
26 credible and scientifically defensible data only if the department has  
27 determined all of the following:

28 1. Appropriate quality assurance and quality control procedures  
29 were followed and documented in collecting and analyzing the data.

30 2. The samples or analyses are representative of water quality  
31 conditions at the time the data was collected.

32 3. The data consists of an adequate number of samples based on the  
33 nature of the water in question and the parameters being analyzed.

34 4. The method of sampling and analysis, including analytical,  
35 statistical and modeling methods, is generally accepted and validated in  
36 the scientific community as appropriate for use in assessing the condition  
37 of the water.

38 ~~C.~~ D. The department shall adopt by rule the methodology to be  
39 used in identifying waters as impaired. The rules shall specify all of  
40 the following:

41 1. Minimum data requirements and quality assurance and quality  
42 control requirements that are consistent with subsection ~~B.~~ C of this  
43 section and that must be satisfied in order for the data to serve as the  
44 basis for listing and delisting decisions.

1           2. Appropriate sampling, analytical and scientific techniques that  
2 may be used in assessing whether a water is impaired.

3           3. Any statistical or modeling techniques that the department uses  
4 to assess or interpret data.

5           4. Criteria for including and removing waters from the list of  
6 impaired waters, including any implementation procedures developed  
7 pursuant to subsection ~~F~~ G of this section. The criteria for removing a  
8 water from the list of impaired waters shall not be any more stringent  
9 than the criteria for adding a water to that list.

10          ~~D~~ E. In assessing whether a water is impaired, the department  
11 shall consider the data available in light of the nature of the water in  
12 question, including whether the water is an ephemeral water. A water in  
13 which pollutant loadings from naturally occurring conditions alone are  
14 sufficient to cause a violation of applicable surface water quality  
15 standards shall not be listed as impaired.

16          ~~E~~ F. If the department has adopted a numeric surface water  
17 quality standard for a pollutant and that standard is not being exceeded  
18 in a water, the department shall not list the water as impaired based on a  
19 conclusion that the pollutant causes a violation of a narrative or  
20 biological standard unless:

21           1. The department has determined that the numeric standard is  
22 insufficient to protect water quality.

23           2. The department has identified specific reasons that are  
24 appropriate for the water in question, that are based on generally  
25 accepted scientific principles and that support the department's  
26 determination.

27          ~~F~~ G. Before listing a ~~navigable~~ water as impaired based on a  
28 violation of a narrative or biological surface water quality standard and  
29 after providing an opportunity for public notice and comment, the  
30 department shall adopt implementation procedures that specifically  
31 identify the objective basis for determining that a violation of the  
32 narrative or biological criterion exists. A total maximum daily load  
33 designed to achieve compliance with a narrative or biological surface  
34 water quality standard shall not be adopted until the implementation  
35 procedure for the narrative or biological surface water quality standard  
36 has been adopted.

37          ~~G~~ H. On request, the department shall make available to the  
38 public data used to support the listing of a water as impaired and may  
39 charge a reasonable fee to persons requesting the data.

40          ~~H~~ I. By January 1, 2002, the department shall review the list of  
41 waters identified as impaired as of January 1, 2000 to determine whether  
42 the data that supports the listing of those waters complies with this  
43 section. If the data that supports a listing does not comply with this  
44 section, the listed water shall not be included on future lists submitted  
45 to the United States environmental protection agency pursuant to 33 United

1 States Code section 1313(d) unless in the interim data that satisfies the  
2 requirements of this section has been collected or received by the  
3 department.

4 ~~I.~~ J. The department shall add a water to or remove a water from  
5 the list using the process described in ~~section 49-232~~, subsection A OR B  
6 OF THIS SECTION outside of the normal listing cycle if it collects or  
7 receives credible and scientifically defensible data that satisfies the  
8 requirements of this section and that demonstrates that the current  
9 quality of the water is such that it should be removed from or added to  
10 the list. A listed water may no longer warrant classification as impaired  
11 or an unlisted water may be identified as impaired if the applicable  
12 surface water quality standards, implementation procedures or designated  
13 uses have changed or if there is a change in water quality.

14 K. THE DIRECTOR SHALL APPLY THE RULES ADOPTED PURSUANT TO  
15 SUBSECTION D OF THIS SECTION FOR IDENTIFICATION OF IMPAIRED WATERS TO  
16 NON-WOTUS PROTECTED SURFACE WATERS UNTIL SPECIFICALLY CHANGED BY RULE.  
17 THE DIRECTOR SHALL AMEND RULES TO UPDATE THE IMPAIRED WATERS  
18 IDENTIFICATION RULES WITHIN ONE YEAR AFTER ADOPTING SURFACE WATER QUALITY  
19 STANDARDS FOR NON-WOTUS PROTECTED SURFACE WATERS PURSUANT TO SECTION  
20 49-221, SUBSECTION A, PARAGRAPH 2.

21 Sec. 12. Section 49-233, Arizona Revised Statutes, is amended to  
22 read:

23 49-233. Priority ranking and schedule

24 A. Each list developed by the department pursuant to section  
25 49-232 shall contain a priority ranking of ~~navigable waters~~ WOTUS  
26 identified as impaired and for which total maximum daily loads are  
27 required pursuant to section 49-234 and a schedule for the development of  
28 all required total maximum daily loads.

29 B. In the first list submitted to the United States environmental  
30 protection agency after ~~the effective date of this article~~ JULY 18, 2000,  
31 the schedule shall be sufficient to ensure that all required total maximum  
32 daily loads will be developed within fifteen years ~~of~~ AFTER the date the  
33 list is approved by the environmental protection agency. Total maximum  
34 daily loads that are required to be developed for ~~navigable waters~~ WOTUS  
35 that are included for the first time on subsequent lists shall be  
36 developed within fifteen years of the initial inclusion of the water on  
37 the list.

38 C. As part of the ~~rule making~~ RULEMAKING prescribed by section  
39 49-232, subsection ~~C~~ D, the department shall identify the factors that it  
40 will use to prioritize ~~navigable waters~~ WOTUS that require development of  
41 total maximum daily loads. At a minimum and to the extent relevant data  
42 is available, the department shall consider the following factors in  
43 prioritizing ~~navigable waters~~ WOTUS for development of total maximum daily  
44 loads:

- 45 1. The designated uses of the ~~navigable water~~ WOTUS.

1           2. The type and extent of risk from the impairment to human health  
2 or aquatic life.

3           3. The degree of public interest and support, or its lack.

4           4. The nature of the ~~navigable water~~ WOTUS, including whether it is  
5 an ephemeral, intermittent or effluent-dependent water.

6           5. The pollutants causing the impairment.

7           6. The severity, magnitude and duration of the violation of the  
8 applicable surface water quality standard.

9           7. The seasonal variation caused by natural events such as storms  
10 or weather patterns.

11          8. Existing treatment levels and management practices.

12          9. The availability of effective and economically feasible  
13 treatment techniques, management practices or other pollutant loading  
14 reduction measures.

15          10. The recreational and economic importance of the water.

16          11. The extent to which the impairment is caused by discharges or  
17 activities that have ceased.

18          12. The extent to which natural sources contribute to the  
19 impairment.

20          13. Whether the water is accorded special protection under federal  
21 or state water quality law.

22          14. Whether action that is taken or that is likely to be taken under  
23 other programs, including voluntary programs, is likely to make  
24 significant progress toward achieving applicable standards even if a total  
25 maximum daily load is not developed.

26          15. The time expected to be required to achieve compliance with  
27 applicable surface water quality standards.

28          16. The availability of documented, effective analytical tools for  
29 developing a total maximum daily load for the water with reasonable  
30 accuracy.

31          17. Department resources and programmatic needs.

32          Sec. 13. Section 49-234, Arizona Revised Statutes, is amended to  
33 read:

34           49-234. Total maximum daily loads; implementation plans

35          A. The department shall develop total maximum daily loads for those  
36 ~~navigable~~ WOTUS listed as impaired pursuant to this article and for which  
37 total maximum daily loads are required to be adopted pursuant to 33 United  
38 States Code section 1313(d) and the regulations implementing that statute  
39 ~~OR THAT THE DEPARTMENT OTHERWISE DETERMINES ARE REQUIRED TO RESTORE AN~~  
40 ~~IMPAIRED WATER.~~ The department may estimate total maximum daily loads for  
41 ~~navigable~~ WOTUS not listed as impaired pursuant to this article, ~~for the~~  
42 ~~purposes of developing TO DEVELOP~~ information to satisfy the requirements  
43 of 33 United States Code section 1313(d)(3), ~~only after it has developed~~  
44 total maximum daily loads for all ~~navigable waters~~ WOTUS identified as



1 impaired pursuant to this article or if necessary to support permitting of  
2 new point source discharges.

3 B. In developing total maximum daily loads, the department shall  
4 use only statistical and modeling techniques that are properly validated  
5 and broadly accepted by the scientific community. The modeling technique  
6 may vary based on the type of water and the quantity and quality of  
7 available data that meets the quality assurance and quality control  
8 requirements of section 49-232. The department may establish the  
9 statistical and modeling techniques in rules adopted pursuant to section  
10 49-232, subsection ~~C~~ D.

11 C. Each total maximum daily load shall:

12 1. Be based on data and methodologies that comply with section  
13 49-232.

14 2. Be established at a level that will achieve and maintain  
15 compliance with applicable surface water quality standards.

16 3. Include a reasonable margin of safety that takes into account  
17 any lack of knowledge concerning the relationship between effluent  
18 limitations and water quality. The margin of safety shall not be used as  
19 a substitute for adequate data when developing the total maximum daily  
20 load.

21 4. Account for seasonal variations that may include setting total  
22 maximum daily loads that apply on a seasonal basis.

23 D. For each impaired water, **EITHER OF THE FOLLOWING APPLIES:**

24 **1. FOR EACH IMPAIRED WOTUS,** the department shall prepare a draft  
25 estimate of the total amount of each pollutant that causes the impairment  
26 from all sources and that may be added to the ~~navigable water~~ WOTUS while  
27 still allowing the ~~navigable water~~ WOTUS to achieve and maintain  
28 applicable surface water quality standards. In addition, the department  
29 shall determine draft allocations among the contributing sources that are  
30 sufficient to achieve the total loadings. The department shall provide  
31 public notice and allow for comment on each draft estimate and draft  
32 allocation and shall prepare written responses to comments received on the  
33 draft estimates and draft allocations. The department shall publish the  
34 determinations of total pollutant loadings that will not result in  
35 impairment and the draft allocations among the contributing sources that  
36 are sufficient to achieve the total loading that it intends to submit  
37 initially to the regional administrator, along with a summary of the  
38 responses to comments on the estimated loadings and allocations, in the  
39 Arizona administrative register at least forty-five days before submission  
40 of the loadings and allocations to the regional administrator.  
41 Notwithstanding this subsection, draft allocations shall be submitted to  
42 the regional administrator only if that submission is required by the  
43 rules that implement 33 United States Code section 1313(d).

44 **2. FOR NON-WOTUS IMPAIRED WATERS, THE DEPARTMENT MAY PREPARE A**  
45 **DRAFT ESTIMATE OF THE TOTAL AMOUNT OF EACH POLLUTANT THAT CAUSES THE**



1 IMPAIRMENT FROM ALL SOURCES AND THAT MAY BE ADDED TO THE WATER WHILE STILL  
2 ALLOWING THE WATER TO ACHIEVE AND MAINTAIN APPLICABLE SURFACE WATER  
3 QUALITY STANDARDS. IF THE DEPARTMENT CHOOSES TO PREPARE A DRAFT ESTIMATE  
4 FOR A NON-WOTUS IMPAIRED WATER, THE DEPARTMENT SHALL DO ALL OF THE  
5 FOLLOWING:

6 (a) DETERMINE DRAFT ALLOCATIONS AMONG CONTRIBUTING SOURCES THAT ARE  
7 SUFFICIENT TO ACHIEVE TOTAL LOADINGS.

8 (b) PROVIDE PUBLIC NOTICE AND ALLOW FOR COMMENT ON THE DRAFT  
9 ESTIMATES AND DRAFT ALLOCATIONS.

10 (c) PREPARE WRITTEN RESPONSES TO COMMENTS RECEIVED ON THE DRAFT  
11 ESTIMATES AND DRAFT ALLOCATIONS.

12 (d) PUBLISH THE DETERMINATIONS OF TOTAL POLLUTANT LOADINGS THAT  
13 WILL NOT RESULT IN IMPAIRMENT AND THE DRAFT ALLOCATIONS AMONG THE  
14 CONTRIBUTING SOURCES THAT ARE SUFFICIENT TO ACHIEVE THE TOTAL LOADING,  
15 ALONG WITH A SUMMARY OF THE RESPONSES TO COMMENTS ON THE ESTIMATED  
16 LOADINGS AND ALLOCATIONS, IN THE ARIZONA ADMINISTRATIVE REGISTER.

17 E. Publication of the loadings and allocations in the Arizona  
18 administrative register is an appealable agency action pursuant to title  
19 41, chapter 6, article 10 that may be appealed by any party that submitted  
20 written comments on the estimated loadings and allocations. **IN THE CASE**  
21 **OF WOTUS**, if the department receives a notice of appeal of a loading and  
22 allocation pursuant to section 41-1092.03 within forty-five days ~~of~~ **AFTER**  
23 the publication of the loading and allocations in the Arizona  
24 administrative register, the department shall not submit the challenged  
25 loading and allocations to the regional administrator until either the  
26 challenge to the loading and allocation is withdrawn or the director has  
27 made a final administrative decision pursuant to section 41-1092.08.

28 F. The department shall make reasonable and equitable allocations  
29 among sources when developing total maximum daily loads. At a minimum,  
30 the department shall consider the following factors in making allocations:

31 1. The environmental, economic and technological feasibility of  
32 achieving the allocation.

33 2. The cost and benefit associated with achieving the allocation.

34 3. Any pollutant loading reductions that are reasonably expected to  
35 be achieved as a result of other legally required actions or voluntary  
36 measures.

37 G. For each total maximum daily load, the department shall  
38 establish a TMDL implementation plan that explains how the allocations and  
39 any reductions in existing pollutant loadings will be achieved. Any  
40 reductions in loadings from nonpoint sources shall be achieved  
41 voluntarily. The department shall provide for public notice and comment on  
42 each TMDL implementation plan. Any sampling or monitoring components of a  
43 TMDL implementation plan shall comply with section 49-232.

44 H. Each TMDL implementation plan shall provide the time frame in  
45 which compliance with applicable surface water quality standards is

1 expected to be achieved. The plan may include a phased process with  
2 interim targets for load reductions. Longer time frames are appropriate in  
3 situations involving multiple dischargers, technical, legal or economic  
4 barriers to achieving necessary load reductions, scientific uncertainty  
5 regarding data quality or modeling, significant loading from natural  
6 sources or significant loading resulting from discharges or activities  
7 that have already ceased.

8 I. For ~~navigable~~ IMPAIRED waters that are impaired due in part to  
9 historical factors that are difficult to address, including contaminated  
10 sediments, the department shall consider those historical factors in  
11 determining allocations for existing point source discharges of the  
12 pollutant or pollutants that cause the impairment. In developing total  
13 maximum daily loads for those ~~navigable~~ waters, the department shall use a  
14 phased approach in which expected long-term loading reductions from the  
15 historical sources are considered in establishing short-term allocations  
16 for the point sources. While total maximum daily loads and TMDL  
17 implementation plans are being completed, any permits issued for the point  
18 sources are deemed consistent with this article if the permits require  
19 reasonable reductions in the discharges of the pollutants causing the  
20 impairment and are not required to include additional reductions if those  
21 reductions would not significantly contribute to attainment of surface  
22 water quality standards.

23 J. After a total maximum daily load and a TMDL implementation plan  
24 have been adopted for a ~~navigable~~ PROTECTED SURFACE water, the department  
25 shall review the status of the ~~navigable~~ PROTECTED SURFACE water at least  
26 once every five years to determine if compliance with applicable surface  
27 water quality standards has been achieved. If compliance with applicable  
28 surface water quality standards has not been achieved, the department  
29 shall evaluate whether modification of the total maximum daily load or  
30 TMDL implementation plan is required.

31 Sec. 14. Section 49-242, Arizona Revised Statutes, is amended to  
32 read:

33 49-242. Procedural requirements for individual permits;  
34 annual registration of permittees; fee

35 A. The director shall prescribe by rule requirements for issuing,  
36 denying, suspending or modifying individual permits, including  
37 requirements for submitting notices, permit applications and any  
38 additional information necessary to determine whether an individual permit  
39 should be issued, and shall prescribe conditions and requirements for  
40 individual permits.

41 B. Each owner of an injection well, a land treatment facility, a  
42 dry well, an on-site wastewater treatment facility with a capacity of more  
43 than three thousand gallons per day, a recharge facility or a facility  
44 that discharges to ~~navigable~~ PROTECTED SURFACE waters to whom an  
45 individual or area-wide permit is issued shall register the permit with

1 the director each year and pay an annual registration fee for each permit  
2 based on the total daily discharge of pollutants pursuant to subsection E  
3 of this section.

4 C. Each owner of a surface impoundment, a facility that adds a  
5 pollutant to a salt dome formation, salt bed formation, underground cave  
6 or mine, a mine tailings pile or pond, a mine leaching operation, a sewage  
7 or sludge pond or a wastewater treatment facility to whom an individual or  
8 area-wide permit is issued shall register the permit with the director  
9 each year and pay an annual registration fee for each permit based on the  
10 total daily influent of pollutants pursuant to subsection E of this  
11 section.

12 D. Pending the issuance of individual or area-wide aquifer  
13 protection permits, each owner of a facility that is prescribed in  
14 subsection B or C of this section that is operating on September 27, 1990  
15 pursuant to the filing of a notice of disposal or a groundwater quality  
16 protection permit issued under title 36 shall register the notice of  
17 disposal or the permit with the director each year and shall pay an annual  
18 registration fee for each notice of disposal or permit based on the total  
19 daily influent or discharge of pollutants pursuant to subsection E of this  
20 section.

21 E. Only for a ~~one-time rule making~~ ONETIME RULEMAKING after ~~the~~  
22 ~~effective date of this amendment to this section~~ JULY 29, 2010, the  
23 director shall establish by rule an annual registration fee for facilities  
24 prescribed by subsections B, C and D of this section. The fee shall be  
25 measured in part by the amount of discharge or influent per day from the  
26 facility. After the ~~one-time rule making~~ ONETIME RULEMAKING, the director  
27 shall not increase those fees by rule without specific statutory authority  
28 for the increase.

29 F. For a site with more than one permit subject to the requirements  
30 of this section, the owner or operator of the facility at that site shall  
31 pay the annual registration fee prescribed pursuant to subsection E of  
32 this section based on the permit that covers the greatest gallons of  
33 discharge or influent per day plus one-half of the annual registration fee  
34 for gallons of discharge or influent for each additional permit.

35 G. The director shall prescribe the procedures to register the  
36 notice of disposal or permit and collect the fee under this section. The  
37 director shall deposit, pursuant to sections 35-146 and 35-147, all monies  
38 collected under this section in the water quality fee fund established by  
39 section 49-210 and may authorize expenditures from the fund to pay the  
40 reasonable and necessary costs of administering the registration program.

41 Sec. 15. Section 49-245.01, Arizona Revised Statutes, is amended to  
42 read:

43 49-245.01. Storm water general permit

44 A. A general permit is issued for facilities used solely for the  
45 management of storm water and that are regulated by the clean water act OR

1 ARTICLE 3.1 OF THIS CHAPTER, including catchments, impoundments and sumps,  
2 provided the following conditions are met:

3 1. The owner or operator of the facility has obtained a national  
4 pollutant discharge elimination system permit issued pursuant to the clean  
5 water act OR AN ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT  
6 UNDER ARTICLE 3.1 OF THIS CHAPTER for any storm water discharges at the  
7 facility, or that the facility has applied, and not been denied coverage,  
8 for ~~this type of permit~~ THESE TYPES OF PERMITS for any storm water  
9 discharges at the facility.

10 2. The owner or operator notifies the director that the facility  
11 has met the requirements of paragraph 1 of this subsection.

12 3. The owner or operator of the facility has in place any required  
13 storm water pollution prevention plan.

14 B. If the director determines that discharges of storm water from a  
15 facility or facilities covered by this general permit are causing a  
16 violation of aquifer water quality standards at the applicable point of  
17 compliance, the director may revoke the general permit of the facility or  
18 facilities or may require that an individual permit be obtained pursuant  
19 to section 49-243. If the director determines that discharges of storm  
20 water from a facility or facilities covered by this general permit, with  
21 reasonable probability, may cause a violation of aquifer water quality  
22 standards at the applicable point of compliance, the director may require  
23 a facility or facilities covered by the general permit to obtain an  
24 individual permit pursuant to section 49-243.

25 Sec. 16. Section 49-245.02, Arizona Revised Statutes, is amended to  
26 read:

27 49-245.02. General permit for certain discharges associated  
28 with man-made bodies of water

29 A. A general permit is issued for the following discharges:

30 1. Disposal in vadose zone injection wells of storm water mixed  
31 with reclaimed wastewater or groundwater, or both, from man-made bodies of  
32 water associated with golf courses, parks and residential common areas,  
33 provided that:

34 (a) The vadose zone injection wells are registered pursuant to  
35 section 49-332.

36 (b) The discharge occurs only in response to storm events.

37 (c) With the exception of the aquifer water quality standard for  
38 microbiological contaminants, the reclaimed wastewater meets aquifer water  
39 quality standards before being placed into the body of water, as  
40 documented by a water quality analysis submitted with the vadose zone  
41 injection well registration. The owner or operator of the vadose zone  
42 injection wells shall demonstrate continued compliance with this  
43 subdivision by submitting to the department the results of any monitoring  
44 required as part of an aquifer protection permit or wastewater reuse  
45 permit for any facility providing reclaimed wastewater to the man-made

1 body of water. For purposes of this general permit, monitoring shall be  
2 conducted at least semiannually. The monitoring results shall be  
3 submitted to the department semiannually beginning six months after  
4 registration made PURSUANT to subdivision (a) of this paragraph.

5 (d) The vadose zone injection wells shall be located at least one  
6 hundred feet from any water supply well.

7 (e) A vertical separation of forty feet shall be provided between  
8 the bottom of the vadose zone injection wells and the water table to allow  
9 the aquifer water quality standard for microbiological contaminants to be  
10 met in the uppermost aquifer.

11 (f) The vadose zone injection wells are not used for any other  
12 purpose.

13 2. Subsurface discharges from man-made bodies of water associated  
14 with golf courses, parks and residential common areas, provided that:

15 (a) The body of water contains only groundwater, storm water or  
16 reclaimed wastewater, or a combination thereof.

17 (b) The reclaimed wastewater complies with the terms of a  
18 wastewater reuse permit before being placed into the body of water.

19 (c) The body of water is lined and maintained to achieve a  
20 hydraulic conductivity of 10<sup>-7</sup> cm/sec or less.

21 3. Point source discharges to ~~waters of the United States~~ PROTECTED  
22 SURFACE WATERS from man-made bodies of water associated with golf courses,  
23 parks and residential common areas that contain only groundwater, storm  
24 water or reclaimed wastewater, or a combination thereof, provided that:

25 (a) The discharges are subject to a valid national pollutant  
26 discharge elimination system permit OR AN ARIZONA POLLUTANT DISCHARGE  
27 ELIMINATION SYSTEM PERMIT UNDER ARTICLE 3.1 OF THIS CHAPTER.

28 (b) The discharges occur only in response to storm events.

29 (c) With the exception of the aquifer water quality standard for  
30 microbiological contaminants, the reclaimed wastewater meets aquifer water  
31 quality standards before being placed into the body of water.

32 B. If the director determines that discharges from a facility  
33 covered by this general permit are causing a violation of aquifer water  
34 quality standards, the director may revoke the general permit of the  
35 facility or may require that an individual permit be obtained pursuant to  
36 section 49-243. If the director determines that discharges from a  
37 facility covered by this general permit may cause, with reasonable  
38 probability, a violation of aquifer water quality standards, the director  
39 may require the facility to obtain an individual permit pursuant to  
40 section 49-243

41 Sec. 17. Section 49-250, Arizona Revised Statutes, is amended to  
42 read:

43 49-250. Exemptions

44 A. The director may, by rule, MAY exempt specifically described  
45 classes or categories of facilities from the aquifer protection permit

1 requirements of this article on a finding either that there is no  
2 reasonable probability of degradation of the aquifer or that aquifer water  
3 quality will be maintained and protected because the discharges from the  
4 facilities are regulated under other federal or state programs that  
5 provide the same or greater aquifer water quality protection as provided  
6 by this article.

7 B. The following are exempt from the aquifer protection permit  
8 requirement of this article:

9 1. Household and domestic activities.

10 2. Household gardening, lawn watering, lawn care, landscape  
11 maintenance and related activities.

12 3. The noncommercial use of consumer products generally available  
13 to and used by the public.

14 4. Ponds used for watering livestock and wildlife.

15 5. Mining overburden returned to the excavation site including any  
16 common material that has been excavated and removed from the excavation  
17 site and has not been subjected to any chemical or leaching agent or  
18 process of any kind.

19 6. Facilities used solely for surface transportation or storage of  
20 groundwater, surface water for beneficial use or reclaimed water that is  
21 regulated pursuant to section 49-203, subsection A, paragraph ~~6~~ 7 for  
22 beneficial use.

23 7. Discharge to a community sewer system.

24 8. Facilities that are required to obtain a permit for the direct  
25 reuse of reclaimed water.

26 9. Leachate resulting from the direct, natural infiltration of  
27 precipitation through undisturbed regolith or bedrock if pollutants are  
28 not added to the leachate as a result of any material or activity placed  
29 or conducted by man on the ground surface.

30 10. Surface impoundments used solely to contain storm runoff, except  
31 for surface impoundments regulated by the federal clean water act **OR**  
32 **ARTICLE 3.1 OF THIS CHAPTER.**

33 11. Closed facilities. However, if the facility ever resumes  
34 operation the facility shall obtain an aquifer protection permit and the  
35 facility shall be treated as a new facility for purposes of section  
36 49-243.

37 12. Facilities for the storage of water pursuant to title 45,  
38 chapter 3.1 unless reclaimed water is added.

39 13. Facilities using central Arizona project water for underground  
40 storage and recovery projects under title 45, chapter 3.1, article 6.

41 14. Water storage at a groundwater saving facility that has been  
42 permitted under title 45, chapter 3.1.

43 15. Application of water from any source, including groundwater,  
44 surface water or wastewater, to grow agricultural crops or for landscaping  
45 purposes, except as provided in section 49-247.

1        16. Discharges to a facility that is exempt pursuant to paragraph 6  
2        ~~OF THIS SUBSECTION~~ if those discharges are regulated pursuant to 33 United  
3        States Code section 1342 ~~OR ARTICLE 3.1 OF THIS CHAPTER~~.

4        17. Solid waste and special waste facilities ~~when~~ ~~IF~~ rules  
5        addressing aquifer protection are adopted by the director pursuant to  
6        section 49-761 or 49-855 and those facilities obtain plan approval  
7        pursuant to those rules. This exemption shall ~~only~~ apply ~~ONLY~~ if the  
8        director determines that aquifer water quality standards will be  
9        maintained and protected because the discharges from those facilities are  
10       regulated under rules adopted pursuant to section 49-761 or 49-855 that  
11       provide aquifer water quality protection that is equal to or greater than  
12       aquifer water quality protection provided pursuant to this article.

13       18. Facilities used in:

14       (a) Corrective actions taken pursuant to chapter 6, article 1 of  
15       this title in response to a release of a regulated substance as defined in  
16       section 49-1001 except for those off-site facilities that receive for  
17       treatment or disposal materials that are contaminated with a regulated  
18       substance and that are received as part of a corrective action.

19       (b) Response or remedial actions undertaken pursuant to article 5  
20       of this chapter or pursuant to CERCLA.

21       (c) Corrective actions taken pursuant to chapter 5, article 1 of  
22       this title or the resource conservation and recovery act of 1976, as  
23       amended (42 United States Code sections 6901 through 6992).

24       (d) Other remedial actions that have been reviewed and approved by  
25       the appropriate governmental authority and taken pursuant to applicable  
26       federal or state laws.

27       19. Municipal solid waste landfills as defined in section 49-701  
28       that have solid waste facility plan approval pursuant to section 49-762.

29       20. Storage, treatment or disposal of inert material.

30       21. Structures that are designed and constructed not to discharge  
31       and that are built on an impermeable barrier that can be visually  
32       inspected for leakage.

33       22. Pipelines and tanks designed, constructed, operated and  
34       regularly maintained so as not to discharge.

35       23. Surface impoundments and dry wells that are used to contain  
36       storm water in combination with discharges from one or more of the  
37       following activities or sources:

38       (a) Firefighting system testing and maintenance.

39       (b) Potable water sources, including waterline flushings.

40       (c) Irrigation drainage and lawn watering.

41       (d) Routine external building wash down without detergents.

42       (e) Pavement wash water ~~where~~ ~~IF~~ no spills or leaks of toxic or  
43       hazardous material have occurred unless all spilled material has first  
44       been removed and no detergents have been used.



1 (f) Air conditioning, compressor and steam equipment condensate  
2 that has not contacted a hazardous or toxic material.

3 (g) Foundation or footing drains in which flows are not  
4 contaminated with process materials.

5 (h) Occupational safety and health administration or mining safety  
6 and health administration safety equipment.

7 24. Industrial wastewater treatment facilities designed, constructed  
8 and operated as required by section 49-243, subsection B, paragraph 1 and  
9 using a treatment system approved by the director to treat wastewater to  
10 meet aquifer water quality standards prior to discharge, if that water is  
11 stored at a groundwater storage facility pursuant to title 45,  
12 chapter 3.1.

13 25. Any point source discharge caused by a storm event and  
14 authorized in a permit issued pursuant to section 402 of the clean water  
15 act OR AN ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT UNDER  
16 ARTICLE 3.1 OF THIS CHAPTER.

17 26. Except for class V wells, any underground injection well covered  
18 by a permit issued under article 3.3 of this chapter or under 42 United  
19 ~~State~~ STATES Code section 300h-1(c). This exemption does not apply until  
20 the date that the United States environmental protection agency approves  
21 the department's underground injection control permit program established  
22 pursuant to article 3.3 of this chapter.

23 Sec. 18. Section 49-255, Arizona Revised Statutes, is amended to  
24 read:

25 49-255. Definitions

26 In this article, unless the context otherwise requires:

27 1. "AZPDES" means the Arizona pollutant discharge elimination  
28 system program as adopted under section 402(b) of the clean water act FOR  
29 WOTUS AND UNDER SECTION 49-255.04 FOR NON-WOTUS PROTECTED SURFACE WATER.

30 2. "Discharge":

31 (a) Means any addition of any pollutant to ~~navigable~~ PROTECTED  
32 SURFACE waters from any point source.

33 (b) DOES NOT INCLUDE THE ADDITION OF DREDGED MATERIAL OR FILL  
34 MATERIAL TO NON-WOTUS PROTECTED SURFACE WATERS.

35 3. "Indirect discharge" means EITHER OF THE FOLLOWING:

36 (a) The introduction of pollutants into a publicly owned treatment  
37 works from any nondomestic source that is regulated under section 307(b),  
38 (c) or (d) of the clean water act.

39 (b) FOR A PUBLICLY OWNED TREATMENT WORKS THAT DISCHARGES TO  
40 NON-WOTUS PROTECTED SURFACE WATERS, THE INTRODUCTION OF POLLUTANTS FROM  
41 ANY NONDOMESTIC SOURCE THAT WOULD BE REGULATED UNDER SECTION 307(b), (c)  
42 OR (d) OF THE CLEAN WATER ACT IF THE PUBLICLY OWNED TREATMENT WORKS WERE  
43 TO DISCHARGE TO A WOTUS.

44 4. "Industrial user" means a source of indirect discharge.



1           5. "Publicly owned treatment works" means a treatment works owned  
2 by this state or a municipality of this state as defined in section 502(4)  
3 of the clean water act **OR THAT DISCHARGES TO A PROTECTED SURFACE WATER.**

4           6. "Sewage sludge":

5           (a) Means solid, semisolid or liquid residue that is generated  
6 during the treatment of domestic sewage in a treatment works.

7           (b) Includes domestic septage, scum or solids that are removed in  
8 primary, secondary or advanced wastewater treatment processes, and any  
9 material derived from sewage sludge.

10          (c) Does not include ash that is generated during the firing of  
11 sewage sludge in a sewage sludge incinerator or grit and screenings that  
12 are generated during preliminary treatment of domestic sewage in a  
13 treatment works.

14          7. "Treatment works" means any devices and systems that are used in  
15 the storage, treatment, recycling and reclamation of municipal sewage or  
16 industrial wastes of a liquid nature, the elements essential to providing  
17 a reliable recycled supply such as standby treatment units and clear well  
18 facilities, and any works that will be an integral part of the treatment  
19 process or that are used for residues resulting from that treatment. For  
20 the ~~purposes of the~~ programs required by sections 49-255.02 and 49-255.03,  
21 treatment works include intercepting sewers, outfall sewers, sewage  
22 collection systems, pumping, power and other equipment and any  
23 appurtenances, extensions, improvements, remodeling, additions and  
24 alterations.

25          8. "Upset":

26          (a) Means an exceptional incident in which there is unintentional  
27 and temporary noncompliance with technology-based permit discharge  
28 limitations because of factors that are beyond the reasonable control of  
29 the permittee.

30          (b) Does not include noncompliance to the extent that it is caused  
31 by operational error, improperly designed treatment facilities, inadequate  
32 treatment facilities, lack of preventive maintenance or careless or  
33 improper operation.

34          Sec. 19. Section 49-255.01, Arizona Revised Statutes, is amended to  
35 read:

36          **49-255.01. Arizona pollutant discharge elimination system**  
37                                   **program; rules and standards; affirmative**  
38                                   **defense; fees; general permit; exemption from**  
39                                   **termination**

40          A. A person shall not discharge except under either of the  
41 following conditions:

42          1. In conformance with a permit that is issued or authorized under  
43 this article **OR RULES AUTHORIZED UNDER SECTION 49-203, SUBSECTION A,**  
44 **PARAGRAPH 2.**

1           2. Pursuant to a permit that is issued or authorized by the United  
2 States environmental protection agency until a permit that is issued or  
3 authorized under this article takes effect.

4           B. The director shall adopt rules to establish an AZPDES permit  
5 program **FOR DISCHARGES TO WOTUS** consistent with the requirements of  
6 sections 402(b) and 402(p) of the clean water act. This program shall  
7 include requirements to ensure compliance with section 307 and  
8 requirements for the control of discharges consistent with sections 318  
9 and 405(a) of the clean water act. The director shall not adopt any  
10 requirement **FOR WOTUS** that is more stringent than ~~or conflicts with~~ any  
11 requirement of the clean water act. **THE DIRECTOR SHALL NOT ADOPT ANY**  
12 **REQUIREMENT THAT CONFLICTS WITH ANY REQUIREMENT OF THE CLEAN WATER ACT.**  
13 The director may adopt federal rules pursuant to section 41-1028 or may  
14 adopt rules to reflect local environmental conditions to the extent that  
15 the rules are consistent with and ~~no~~ **NOT** more stringent than the clean  
16 water act and this article.

17           C. The rules adopted by the director **UNDER SUBSECTION B OF THIS**  
18 **SECTION** shall provide for:

19           1. Issuing, authorizing, denying, modifying, suspending or revoking  
20 individual or general permits.

21           2. Establishment of permit conditions, discharge limitations and  
22 standards of performance as prescribed by section 49-203, subsection A,  
23 paragraph ~~7, 8~~ including ~~case-by-case~~ **CASE-BY-CASE** effluent limitations  
24 that are developed in a manner consistent with 40 Code of Federal  
25 Regulations section 125.3(c).

26           3. Modifications and variances as allowed by the clean water act.

27           4. Other provisions necessary for maintaining state program  
28 authority under section 402(b) of the clean water act.

29           D. This article does not affect the validity of any existing rules  
30 that are adopted by the director and that are equivalent to and consistent  
31 with the national pollutant discharge elimination system program  
32 authorized under section 402 of the clean water act until new rules for  
33 AZPDES discharges are adopted pursuant to this article.

34           E. An upset constitutes an affirmative defense to any  
35 administrative, civil or criminal enforcement action brought for  
36 noncompliance with technology-based permit discharge limitations if the  
37 permittee complies with all of the following:

38           1. The permittee demonstrates through properly signed  
39 contemporaneous operating logs or other relevant evidence that:

40           (a) An upset occurred and that the permittee can identify the  
41 specific cause of the upset.

42           (b) The permitted facility was being properly operated at the time  
43 of the upset.

1 (c) If the upset causes the discharge to exceed any discharge  
2 limitation in the permit, the permittee submitted notice to the department  
3 within twenty-four hours ~~of~~ AFTER the upset.

4 (d) The permittee has taken appropriate remedial measures including  
5 all reasonable steps to minimize or prevent any discharge or sewage sludge  
6 use or disposal that is in violation of the permit and that has a  
7 reasonable likelihood of adversely affecting human health or the  
8 environment.

9 2. In any administrative, civil or criminal enforcement action, the  
10 permittee shall prove, by a preponderance of the evidence, the occurrence  
11 of an upset condition.

12 F. Compliance with a permit issued pursuant to this article shall  
13 be deemed compliance with both of the following:

14 1. All requirements in this article or rules adopted pursuant to  
15 this article relating to state implementation of sections 301, 302, 306  
16 and 307 of the clean water act, except for any standard that is imposed  
17 under section 307 of the clean water act for a toxic pollutant that is  
18 injurious to human health.

19 2. Limitations for pollutants in ~~navigable waters~~ WOTUS adopted  
20 pursuant to sections 49-221 and 49-222, if the discharge of the pollutant  
21 is specifically limited in a permit issued pursuant to this article or the  
22 pollutant was specifically identified as present or potentially present in  
23 facility discharges during the application process for the permit.

24 G. Notwithstanding section 49-203, subsection D, permits that are  
25 issued under this article shall not be combined with permits issued under  
26 article 3 of this chapter.

27 H. The decision of the director to issue or modify a permit takes  
28 effect on issuance if there were no changes requested in comments that  
29 were submitted on the draft permit unless a later effective date is  
30 specified in the decision. In all other cases, the decision of the  
31 director to issue, deny, modify, suspend or revoke a permit takes effect  
32 thirty days after the decision is served on the permit applicant, unless  
33 either of the following applies:

34 1. Within the ~~thirty day~~ THIRTY-DAY period, an appeal is filed with  
35 the water quality appeals board pursuant to section 49-323.

36 2. A later effective date is specified in the decision.

37 I. In addition to other reservations of rights provided by this  
38 chapter, ~~nothing in~~ this article ~~shall~~ DOES NOT impair or affect rights or  
39 the exercise of rights to water claimed, recognized, permitted,  
40 certificated, adjudicated or decreed pursuant to state or other law.

41 J. Only for a ~~one-time rule making~~ ONETIME RULEMAKING after July  
42 29, 2010, the director shall establish by rule fees, including maximum  
43 fees, for processing, issuing and denying an application for a permit  
44 pursuant to this section. After the ~~one-time rule making~~ ONETIME  
45 RULEMAKING, the director shall not increase those fees by rule without

1 specific statutory authority for the increase. Monies collected pursuant  
2 to this section shall be deposited, pursuant to sections 35-146 and  
3 35-147, in the water quality fee fund established by section 49-210.

4 K. Any permit conditions concerning threatened or endangered  
5 species shall be limited to those required by the endangered species act.

6 L. When developing a general permit for discharges of storm water  
7 from construction activity, the director shall provide for reduced control  
8 measures at sites that retain storm water in a manner that eliminates  
9 discharges from the site, except for the occurrence of an extreme event.  
10 Reduced control measures shall be available if all of the following  
11 conditions are met:

12 1. The nearest downstream receiving water is ephemeral and the  
13 construction site is a sufficient distance from a water warranting  
14 additional protection as described in the general permit.

15 2. The construction activity occurs on a site designed so that all  
16 storm water generated by disturbed areas of the site exclusive of public  
17 rights-of-way is directed to one or more retention basins that are  
18 designed to retain the runoff from an extreme event. For the purposes of  
19 this subsection, "extreme event" means a rainfall event that meets or  
20 exceeds the local one hundred-year, two-hour storm event as calculated by  
21 an Arizona registered professional engineer using industry practices.

22 3. The owner or operator complies with good housekeeping measures  
23 included in the general permit.

24 4. The owner or operator maintains the capacity of the retention  
25 basins.

26 5. Construction conforms to the standards prescribed by this  
27 section.

28 M. If the director commences proceedings for the renewal of a  
29 general permit issued pursuant to this article, the existing general  
30 permit shall not expire and coverage may continue to be obtained by new  
31 dischargers until the proceedings have resulted in a final determination  
32 by the director. If the proceedings result in a decision not to renew the  
33 general permit, the existing general permit shall continue in effect until  
34 the last day for filing for review of the decision of the director not to  
35 renew the permit or until any later date that is fixed by court order.

36 N. This program is exempt from section 41-3102.

37 Sec. 20. Section 49-255.02, Arizona Revised Statutes, is amended to  
38 read:

39 49-255.02. Pretreatment program; rules and standards

40 A. The director shall adopt rules to establish a pretreatment  
41 program that is consistent with the requirements of sections 307, 308 and  
42 402 of the clean water act. The director shall not adopt any requirement  
43 that is more stringent than or conflicts with any requirements of the  
44 clean water act, EXCEPT THE DIRECTOR SHALL APPLY THE PRETREATMENT PROGRAM

1 TO PUBLICLY OWNED TREATMENT WORKS THAT DISCHARGE TO A NON-WOTUS PROTECTED  
2 SURFACE WATER.

3 B. The rules adopted by the director shall provide for all of the  
4 following:

5 1. Development or modification of local pretreatment programs by  
6 the owners of publicly owned treatment works that discharge or as  
7 otherwise required under the clean water act or this article to prevent  
8 the use or disposal of sewage sludge produced by a publicly owned  
9 treatment works in violation of section 405 of the clean water act or  
10 requirements established pursuant to section 49-255.03, subsection A.

11 2. Approval by the director of new or modified local pretreatment  
12 programs or site specific modifications to pretreatment standards.

13 3. Oversight by the director of local program implementation.

14 C. The rules adopted by the director shall provide for the  
15 department to ensure that any industrial user of any publicly owned  
16 treatment works will comply with the requirements of sections 307 and 308  
17 of the clean water act.

18 Sec. 21. Section 49-255.03, Arizona Revised Statutes, is amended to  
19 read:

20 49-255.03. Sewage sludge program; rules and requirements

21 A. The director shall adopt rules to establish a sewage sludge  
22 program that is consistent with the requirements of sections 402 and 405  
23 of the clean water act. EXCEPT AS OTHERWISE REQUIRED BY THIS ARTICLE, the  
24 director shall not adopt any requirement that is more stringent than ~~or~~  
25 ~~conflicts with~~ any requirements of the clean water act. THE DIRECTOR  
26 SHALL NOT ADOPT ANY REQUIREMENT THAT CONFLICTS WITH ANY REQUIREMENT OF THE  
27 CLEAN WATER ACT.

28 B. The rules adopted by the director shall provide for the  
29 regulation of all sewage sludge use or disposal practices used in this  
30 state.

31 Sec. 22. Title 49, chapter 2, article 3.1, Arizona Revised  
32 Statutes, is amended by adding sections 49-255.04 and 49-255.05, to read:

33 49-255.04. Special provisions for discharges to non-WOTUS  
34 protected surface waters

35 A. PERMITS AND CONDITIONS OF PERMITS FOR DISCHARGES TO NON-WOTUS  
36 PROTECTED SURFACE WATERS SHALL NOT IMPLEMENT ANY SECTIONS OF THE CLEAN  
37 WATER ACT, INCLUDING SECTIONS 301, 302, 306, 307, 308, 312, 318 AND 405,  
38 AND SHALL NOT BE SUBJECT TO REVIEW, APPROVAL OR ENFORCEMENT BY THE UNITED  
39 STATES ENVIRONMENTAL PROTECTION AGENCY.

40 B. THE DIRECTOR SHALL APPLY THE RULES ESTABLISHED PURSUANT TO  
41 SECTIONS 49-255.01, 49-255.02 AND 49-255.03 TO NON-WOTUS PROTECTED SURFACE  
42 WATERS UNTIL THE DIRECTOR ADOPTS RULES FOR DISCHARGES TO NON-WOTUS  
43 PROTECTED SURFACE WATERS, EXCEPT THE DIRECTOR IS NOT REQUIRED TO FOLLOW  
44 ANY PROVISIONS RELATED TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
45 REVIEW, APPROVAL OR INVOLVEMENT IN PERMIT REVIEW OR APPROVAL. THE

1 DIRECTOR SHALL NOT ADOPT OR APPLY RULES REGARDING THE FOLLOWING DISCHARGES  
2 TO NON-WOTUS PROTECTED SURFACE WATERS:

3 1. EXCEPT AS APPLIED TO DISCHARGES FROM PUBLICLY OWNED TREATMENT  
4 WORKS, REQUIREMENTS SPECIFIC TO NEW SOURCES OR NEW DISCHARGERS UNDER THE  
5 CLEAN WATER ACT.

6 2. EXCEPT AS APPLIED TO DISCHARGES FROM PUBLICLY OWNED TREATMENT  
7 WORKS, TECHNOLOGY-BASED EFFLUENT LIMITATIONS, STANDARDS OR CONTROLS,  
8 INCLUDING NEW SOURCE PERFORMANCE STANDARDS, UNDER SECTIONS 301(b), 304(b),  
9 AND 306 OF THE CLEAN WATER ACT.

10 3. REQUIREMENTS TO EXPRESS ALL PERMIT LIMITATIONS, STANDARDS OR  
11 PROHIBITIONS FOR A METAL SOLELY IN TERMS OF TOTAL RECOVERABLE METAL.

12 4. REQUIREMENTS FOR REVIEW AND APPROVAL OF PERMITS BY THE UNITED  
13 STATES ENVIRONMENTAL PROTECTION AGENCY BEFORE ISSUANCE.

14 C. THE DIRECTOR SHALL ISSUE GENERAL PERMITS OR AUTHORIZE COVERAGE  
15 UNDER EXISTING GENERAL PERMITS, SUBJECT TO THE LIMITATIONS PRESCRIBED IN  
16 SUBSECTION B OF THIS SECTION AND SECTION 49-221, SUBSECTION A, PARAGRAPH 1  
17 FOR POINT SOURCE DISCHARGES OF STORM WATER FROM INDUSTRIAL OR CONSTRUCTION  
18 ACTIVITY TO NON-WOTUS PROTECTED SURFACE WATERS. THE DIRECTOR SHALL USE A  
19 BEST MANAGEMENT PRACTICES APPROACH WHEN ISSUING AND IMPLEMENTING GENERAL  
20 PERMITS FOR STORM WATER DISCHARGES FROM INDUSTRIAL OR CONSTRUCTION  
21 ACTIVITY TO NON-WOTUS PROTECTED SURFACE WATERS AND MAY INCLUDE ANALYTICAL  
22 MONITORING AND DISCHARGE LIMITS IF BEST MANAGEMENT PRACTICES CANNOT  
23 ACHIEVE APPLICABLE SURFACE WATER QUALITY STANDARDS. THE DIRECTOR MAY  
24 ISSUE AN INDIVIDUAL PERMIT FOR THOSE DISCHARGES ONLY IF THE DIRECTOR  
25 DETERMINES, USING REASONABLY CURRENT CREDIBLE AND SCIENTIFICALLY  
26 DEFENSIBLE DATA, THAT A PARTICULAR DISCHARGE IS A SIGNIFICANT CONTRIBUTOR  
27 OF POLLUTANTS TO A NON-WOTUS PROTECTED SURFACE WATER THAT CAUSES THE WATER  
28 TO EXCEED ONE OR MORE APPLICABLE WATER QUALITY STANDARDS. WHEN MAKING  
29 THIS DETERMINATION, THE DIRECTOR SHALL CONSIDER THE LOCATION OF THE  
30 DISCHARGE WITH RESPECT TO THE NON-WOTUS PROTECTED SURFACE WATER, THE SIZE  
31 OF THE DISCHARGE AND THE QUANTITY AND NATURE OF THE POLLUTANTS  
32 DISCHARGED. IF THE DIRECTOR DETERMINES THAT AN INDIVIDUAL PERMIT IS  
33 REQUIRED FOR A DISCHARGE OF STORM WATER FROM INDUSTRIAL OR CONSTRUCTION  
34 ACTIVITY TO A NON-WOTUS PROTECTED SURFACE WATER, THE DISCHARGER MUST BE  
35 NOTIFIED IN WRITING AND INFORMED OF THE REASONS FOR THE DETERMINATION AND  
36 THE RIGHT TO APPEAL THE INDIVIDUAL PERMIT DETERMINATION.

37 D. THE DIRECTOR SHALL ISSUE GENERAL PERMITS OR AUTHORIZE COVERAGE  
38 UNDER EXISTING GENERAL PERMITS, SUBJECT TO THE LIMITATIONS IN SUBSECTION B  
39 OF THIS SECTION AND SECTION 49-221, SUBSECTION A, PARAGRAPH 1 FOR OTHER  
40 CATEGORIES OF POTENTIAL POINT SOURCE DISCHARGES, INCLUDING DE MINIMIS  
41 DISCHARGES, TO NON-WOTUS PROTECTED SURFACE WATERS THAT INVOLVE THE SAME OR  
42 SUBSTANTIALLY SIMILAR TYPES OF OPERATIONS, CONTAIN THE SAME OR  
43 SUBSTANTIALLY SIMILAR TYPES OF POLLUTANTS AND ARE MORE APPROPRIATELY  
44 CONTROLLED UNDER A GENERAL PERMIT THAN UNDER AN INDIVIDUAL PERMIT.

1 E. THE DIRECTOR MAY ADOPT RULES FOR POINT SOURCE DISCHARGES TO  
2 NON-WOTUS PROTECTED SURFACE WATERS. THE RULES ADOPTED BY THE DIRECTOR  
3 UNDER THIS SUBSECTION SHALL NOT INCLUDE ANY REQUIREMENT THAT IS MORE  
4 STRINGENT THAN REQUIREMENTS OF THE CLEAN WATER ACT, SHALL PROVIDE FOR  
5 ISSUING, AUTHORIZING, DENYING, MODIFYING, SUSPENDING OR REVOKING  
6 INDIVIDUAL OR GENERAL PERMITS AND SHALL ESTABLISH PERMIT CONDITIONS TO  
7 CARRY OUT THE PERMIT PROGRAM ESTABLISHED BY THIS SECTION.

8 F. THE DIRECTOR SHALL NOT CONSTRUE ANY RULE TO REQUIRE OVERSIGHT BY  
9 THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY OF PERMITS OR PORTIONS  
10 OF PERMITS FOR DISCHARGES TO NON-WOTUS PROTECTED SURFACE WATERS, AND A  
11 RULE SHALL NOT APPLY IF IT WOULD REQUIRE REVIEW, APPROVAL OR ENFORCEMENT  
12 BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY OF DISCHARGES TO  
13 NON-WOTUS PROTECTED SURFACE WATERS.

14 G. IN PERMITS FOR DISCHARGES TO WOTUS AND NON-WOTUS PROTECTED  
15 SURFACE WATERS, THE DIRECTOR SHALL NOT IMPOSE DUPLICATIVE PERMIT  
16 REQUIREMENTS.

17 H. THE DIRECTOR SHALL NOT DELEGATE TO ANY CITY, TOWN OR COUNTY THE  
18 AUTHORITY TO REQUIRE PERMITS FOR POINT SOURCE DISCHARGES FROM CONSTRUCTION  
19 ACTIVITY TO NON-WOTUS PROTECTED SURFACE WATERS.

20 49-255.05. Best management practices for activities within  
21 non-WOTUS

22 A. THE DIRECTOR SHALL ADOPT BY RULE BEST MANAGEMENT PRACTICES AND  
23 NOTIFICATION REQUIREMENTS TO ENSURE THAT THE ACTIVITIES PRESCRIBED IN THIS  
24 SECTION DO NOT VIOLATE APPLICABLE SURFACE WATER QUALITY STANDARDS. THE  
25 DIRECTOR MAY INCLUDE ONLY THOSE BEST MANAGEMENT PRACTICES THAT EXTEND TO:

26 1. ACTIVITIES CONDUCTED WITHIN THE ORDINARY HIGH WATERMARK OF  
27 PERENNIAL OR INTERMITTENT NON-WOTUS PROTECTED SURFACE WATERS.

28 2. ACTIVITIES CONDUCTED WITHIN THE BED AND BANKS OF WATERS THAT  
29 MATERIALLY IMPACT DOWNSTREAM NON-WOTUS PROTECTED SURFACE WATERS. THE  
30 DIRECTOR SHALL DETERMINE THROUGH RULEMAKING WHAT CONSTITUTES A MATERIAL  
31 IMPACT AND THAT RULEMAKING SHALL BE BASED ON FACTORS THAT INCLUDE DISTANCE  
32 AND TOPOGRAPHY.

33 3. ACTIVITIES THAT ARE NOT ALREADY REGULATED UNDER THIS TITLE.

34 B. THE DIRECTOR MAY NOT ADOPT BEST MANAGEMENT PRACTICES AND  
35 NOTIFICATION REQUIREMENTS FOR THE FOLLOWING:

36 1. DISCHARGES TO A NON-WOTUS PROTECTED SURFACE WATER INCIDENTAL TO  
37 A RECHARGE PROJECT.

38 2. ESTABLISHED OR ONGOING FARMING, RANCHING AND SILVICULTURE  
39 ACTIVITIES SUCH AS PLOWING, SEEDING, CULTIVATING, MINOR DRAINAGE OR  
40 HARVESTING FOR THE PRODUCTION OF FOOD, FIBER OR FOREST PRODUCTS OR UPLAND  
41 SOIL AND WATER CONSERVATION PRACTICES.

42 3. MAINTENANCE BUT NOT CONSTRUCTION OF DRAINAGE DITCHES.

43 4. CONSTRUCTION AND MAINTENANCE OF IRRIGATION DITCHES.

44 5. MAINTENANCE OF STRUCTURES SUCH AS DAMS, DIKES AND LEVEES.

1       Sec. 23. Section 49-256, Arizona Revised Statutes, is amended to  
2 read:

3       49-256. Adoption and enactment of federal definitions

4       For the purposes of this article and for establishing primacy for  
5 this state's dredge and fill permit program under 33 United States Code  
6 section 1344, the following definitions are adopted and enacted as  
7 follows:

8       1. "Compensatory mitigation" means the restoration  
9 (re-establishment or rehabilitation), establishment (creation),  
10 enhancement, and/or in certain circumstances preservation of aquatic  
11 resources for the purposes of offsetting unavoidable adverse impacts ~~which~~  
12 ~~THAT~~ remain after all appropriate and practicable avoidance and  
13 minimization has been achieved.

14       2. "Dredged material" means material that is excavated or dredged  
15 from ~~navigable waters~~ WOTUS.

16       3. "Fill material" means:

17       (a) Except as specified in subdivision (c) of this definition, the  
18 term fill material means material placed in ~~navigable waters~~ WOTUS where  
19 the material has the effect of EITHER:

20       (i) Replacing any portion of a ~~navigable water~~ WOTUS with dry land.

21 ~~; or~~  
22       (ii) Changing the bottom elevation of any portion of a ~~navigable~~  
23 ~~water~~ WOTUS.

24       (b) Examples of such fill material include, but are not limited to:  
25 rock, sand, soil, clay, plastics, construction debris, wood chips,  
26 overburden from mining or other excavation activities, and materials used  
27 to create any structure or infrastructure in the ~~navigable waters~~ WOTUS.

28       (c) The term fill material does not include trash or garbage.

29       4. "General permit" means a permit authorizing a category of  
30 discharges of dredged or fill material under this article. General  
31 permits are permits for categories of discharge which are similar in  
32 nature, will cause only minimal adverse environmental effects when  
33 performed separately, and will have only minimal cumulative adverse effect  
34 on the environment.

35       5. "In-lieu fee program" means a program involving the restoration,  
36 establishment, enhancement, and/or preservation of aquatic resources  
37 through funds paid to a governmental or non-profit natural resources  
38 management entity to satisfy compensatory mitigation requirements for  
39 dredge and fill permits issued pursuant to this article. Similar to but  
40 distinct from a mitigation bank, an in-lieu fee program sells compensatory  
41 mitigation credits to permittees whose obligation to provide compensatory  
42 mitigation is then transferred to the in-lieu program sponsor. The  
43 operation and use of an in-lieu fee program are governed by an in-lieu fee  
44 program instrument.



1           6. "Mitigation bank" means a site, or suite of sites, where  
2 resources (e.g., wetlands, streams, riparian areas) are restored,  
3 established, enhanced, and/or preserved for the purpose of providing  
4 compensatory mitigation for impacts authorized by dredge and fill permits  
5 issued pursuant to this article. In general, a mitigation bank sells  
6 compensatory mitigation credits to permittees whose obligation to provide  
7 compensatory mitigation is then transferred to the mitigation bank  
8 sponsor. The operation and use of a mitigation bank are governed by a  
9 mitigation banking instrument.

10           7. "Party affected by a jurisdictional determination" means a  
11 permit applicant, landowner, a lease, easement or option holder, or other  
12 individual who has an identifiable and substantial legal interest in the  
13 property (or a person acting with the approval of any of the foregoing)  
14 who has received an approved jurisdictional determination.

15           8. "Permittee-responsible mitigation" means an aquatic resource  
16 restoration, establishment, enhancement, and/or preservation activity  
17 undertaken by the permittee (or an authorized agent or contractor) to  
18 provide compensatory mitigation for which the permittee retains full  
19 responsibility.

20           9. "Practicable" means available and capable of being done after  
21 taking into consideration cost, existing technology, and logistics in  
22 light of overall project purposes.

23           10. "Wetlands" means those areas that are inundated or saturated by  
24 surface or groundwater at a frequency and duration sufficient to support,  
25 and that under normal circumstances do support, a prevalence of vegetation  
26 typically adapted for life in saturated soil conditions. Wetlands  
27 generally include swamps, marshes, bogs, and similar areas.

28           Sec. 24. Section 49-256.01, Arizona Revised Statutes, is amended to  
29 read:

30           49-256.01. Dredge and fill permit program; permits; rules;  
31           prohibitions; exemptions; exceptions; notice

32           A. ~~For purposes of implementing~~ **TO IMPLEMENT** the permit program  
33 established by 33 United States Code section 1344, the director may  
34 establish by rule a dredge and fill permit program that is consistent with  
35 and ~~no~~ **NOT** more stringent than the clean water act dredge and fill  
36 program, including a permitting process.

37           B. During any period in which the state has been granted authority  
38 to administer the permit program established by 33 United States Code  
39 section 1344, a person may not discharge dredged or fill material unless  
40 the discharge is exempt under 33 United States Code section 1344(f) or  
41 rules adopted pursuant to this article, except under either of the  
42 following conditions:

43           1. In conformance with a permit that is issued or authorized under  
44 this article.

1           2. Pursuant to a permit that is issued or authorized by the United  
2 States army corps of engineers until a permit that is issued or authorized  
3 under this article takes effect.

4           C. Rules adopted by the director for the purposes of a permit  
5 program for dredge and fill shall:

6           1. Provide for issuing, authorizing, denying, modifying, suspending  
7 or revoking individual permits, general permits and emergency permits for  
8 the discharge of dredged or fill material into ~~navigable waters~~ WOTUS  
9 regulated by this state under the clean water act for purposes of  
10 implementing the permit program established by 33 United States Code  
11 section 1344.

12           2. Establish permit conditions that ensure compliance with the  
13 applicable requirements of section 404 of the clean water act, including  
14 the guidelines issued under 33 United States Code section 1344(b)(1).

15           3. Establish maintenance, monitoring, sampling, reporting,  
16 recordkeeping and any other permitting requirements as necessary to  
17 maintain primary enforcement responsibility or to determine compliance  
18 with this article.

19           4. Establish the following in accordance with 33 United States Code  
20 section 1344:

21           (a) Circumstances and activities that do not require a dredge or  
22 fill permit.

23           (b) Activities that are exempt from the requirements of this  
24 article for any discharge or fill material that may result from those  
25 activities, and the conditions under which those activities are exempt.

26           (c) Circumstances under which a discharge of dredged or fill  
27 material shall not be permitted.

28           5. Establish procedures for the director to make jurisdictional  
29 determinations that determine whether a wetland or waterbody is a  
30 ~~navigable water~~ WOTUS subject to regulatory jurisdiction under this  
31 article. Jurisdictional determinations:

32           (a) Shall be in writing and be identified as either preliminary or  
33 approved.

34           (b) Do not include determinations that a particular activity  
35 requires a permit under this article.

36           6. Establish public notice and comment procedures as necessary to  
37 maintain primacy for the dredge and fill PERMIT program and as the  
38 director deems appropriate to inform the public.

39           7. Provide for any other provisions necessary to maintain state  
40 primary enforcement responsibility under 33 United States Code section  
41 1344 and to implement the provisions of this article.

42           D. Approved jurisdictional determinations are appealable agency  
43 actions as defined by section 41-1092 and may be appealed by a party  
44 affected by a jurisdictional determination. Preliminary jurisdictional  
45 determinations are not appealable agency actions and notwithstanding

1 section 41-1092.03, the right to appeal an approved jurisdictional  
2 determination does not extend to adjacent landowners or to third parties  
3 that are not parties affected by a jurisdictional determination.

4 E. On assuming authority to administer the permit program  
5 established by 33 United States Code section 1344, the department shall:

6 1. On request by a party affected by a jurisdictional  
7 determination, recognize and adopt any existing approved jurisdictional  
8 determinations that were originally issued by the United States army corps  
9 of engineers if the federal definition of ~~navigable waters~~ WOTUS that is  
10 applicable in this state has not changed since the issuance of the  
11 approved jurisdictional determinations.

12 2. On request by a party affected by a jurisdictional  
13 determination, renew approved jurisdictional determinations that were  
14 originally issued by the United States army corps of engineers on the same  
15 terms as the original unless:

16 (a) Physical changes have occurred affecting the determination that  
17 are likely to alter the jurisdictional status.

18 (b) The federal definition of ~~navigable waters~~ WOTUS that is  
19 applicable in this state has changed since the issuance of the approved  
20 jurisdictional determinations.

21 (c) Additional field data show that the original determination was  
22 based on inaccurate data and the new data warrant a revision to the  
23 original determination.

24 F. The program established pursuant to this article is exempt from  
25 section 41-3102.

26 Sec. 25. Section 49-256.02, Arizona Revised Statutes, is amended to  
27 read:

28 49-256.02. Compensatory mitigation

29 A. As a part of the program established pursuant to section  
30 49-256.01, and consistent with the guidelines established pursuant to  
31 33 United States Code section 1344(b)(1), the director shall establish by  
32 rule standards and criteria for the use of all types of compensatory  
33 mitigation, including on-site and off-site permittee-responsible  
34 mitigation, mitigation banks and in-lieu fee mitigation to offset  
35 unavoidable impacts to ~~navigable waters~~ WOTUS authorized by permits issued  
36 under this article.

37 B. Mitigation banks and in-lieu fee programs may be used to  
38 compensate for unavoidable impacts to ~~navigable waters~~ WOTUS that are  
39 authorized by general permits and individual permits, including  
40 after-the-fact permits, in accordance with rules established pursuant to  
41 this section. In addition to other potential injunctive relief or other  
42 relief requested under section 49-262, mitigation banks and in-lieu fee  
43 programs may be used to satisfy requirements arising from an enforcement  
44 action under this article.

1 C. Rules established by the director pursuant to this section shall  
2 identify alternative compensatory mitigation options for a permit  
3 applicant if an approved mitigation bank or in-lieu fee program that is  
4 located in the same watershed as the permit applicant's proposed discharge  
5 rejects that permit applicant's participation in that mitigation bank or  
6 in-lieu fee program.

7 Sec. 26. Section 49-261, Arizona Revised Statutes, is amended to  
8 read:

9 49-261. Compliance orders; appeal; enforcement

10 A. If the director determines that a person is in violation of a  
11 rule adopted or a condition of a permit issued pursuant to section 49-203,  
12 subsection A, paragraph ~~6~~ 7, any provision of article 2, 3, 3.1, ~~or~~ 3.2  
13 or 3.3 of this chapter, a rule adopted pursuant to article 2, 3, 3.1, ~~or~~  
14 3.2 or 3.3 of this chapter, a discharge limitation or any other condition  
15 of a permit issued under article 2, 3, 3.1, ~~or~~ 3.2 or 3.3 of this chapter  
16 or is creating an imminent and substantial endangerment to the public  
17 health or environment, the director may issue an order requiring  
18 compliance within a reasonable time period.

19 B. A compliance order shall state with reasonable specificity the  
20 nature of the violation, a time for compliance if applicable and the right  
21 to a hearing.

22 C. A compliance order shall be transmitted to the alleged violator  
23 by certified mail, return receipt requested, or by personal service.

24 D. A compliance order becomes final and enforceable in the superior  
25 court unless within thirty days after the receipt of the order the alleged  
26 violator requests a hearing before an administrative law judge. If a  
27 hearing is requested, the order does not become final until the  
28 administrative law judge has issued a final decision on the appeal.  
29 Appeals shall be conducted pursuant to section 49-321.

30 E. At the request of the director the attorney general may commence  
31 an action in superior court to enforce orders issued under this section  
32 once an order becomes final.

33 Sec. 27. Section 49-262, Arizona Revised Statutes, is amended to  
34 read:

35 49-262. Injunctive relief; civil penalties; recovery of  
36 litigation costs; affirmative defense

37 A. Whether or not a person has requested a hearing, the director,  
38 through the attorney general, may request a temporary restraining order, a  
39 preliminary injunction, a permanent injunction or any other relief  
40 necessary to protect the public health if the director has reason to  
41 believe either of the following:

42 1. That a person is in violation of:

43 (a) Any provision of article 2, 3, 3.1, 3.2 or 3.3 of this chapter.

44 (b) A rule adopted pursuant to section 49-203, subsection A,  
45 paragraph ~~6~~ 7.

1 (c) A rule adopted pursuant to article 2, 3, 3.1, 3.2 or 3.3 of  
2 this chapter.

3 (d) A discharge limitation or any other condition of a permit  
4 issued under article 2, 3, 3.1, 3.2 or 3.3 of this chapter.

5 2. That a person is creating an actual or potential endangerment to  
6 the public health or environment because of acts performed ~~in violation of~~  
7 ~~THAT VIOLATE~~ this chapter.

8 B. Notwithstanding any other provision of this chapter, if the  
9 director, the county attorney or the attorney general has reason to  
10 believe that a person is creating an imminent and substantial endangerment  
11 to the public health or environment because of acts performed ~~in violation~~  
12 ~~of THAT VIOLATE~~ article 2, 3, 3.1, 3.2 or 3.3 of this chapter or a rule  
13 adopted or a condition of a permit issued pursuant to section 49-203,  
14 subsection A, paragraph 2, ~~6- 7~~ or ~~7- 8~~, the county attorney or attorney  
15 general may request a temporary restraining order, a preliminary  
16 injunction, a permanent injunction or any other relief necessary to  
17 protect the public health.

18 C. A person who violates any provision of article 2, 3, 3.1 or 3.2  
19 of this chapter or a rule, permit, discharge limitation or order issued or  
20 adopted pursuant to article 2, 3, 3.1 or 3.2 of this chapter is subject to  
21 a civil penalty of not more than \$25,000 per day per violation. A person  
22 who violates any rule adopted or a condition of a permit issued pursuant  
23 to section 49-203, subsection A, paragraph ~~6- 7~~ is subject to a civil  
24 penalty of not more than \$5,000 per day per violation. A person who  
25 violates any rule adopted, permit condition or other provision of article  
26 3.3 of this chapter is subject to a civil penalty of not more than \$5,000  
27 per day per violation. The attorney general may, and at the request of  
28 the director shall, commence an action in superior court to recover civil  
29 penalties provided by this section.

30 D. The court, in issuing any final order in any civil action  
31 brought under this section, may award costs of litigation, including  
32 reasonable attorney and expert witness fees, to any substantially  
33 prevailing party if the court determines such an award is appropriate. If  
34 a temporary restraining order is sought, the court may require the filing  
35 of a bond or equivalent security.

36 E. All civil penalties except litigation costs obtained under this  
37 section shall be deposited, pursuant to sections 35-146 and 35-147, in the  
38 state general fund.

39 F. Except as applied to permits issued or authorized pursuant to  
40 article 3.1, 3.2 or 3.3 of this chapter, it is an affirmative defense to  
41 civil liability under this section and section 49-261 for causing or  
42 contributing to a violation of a water quality standard established  
43 pursuant to this chapter, or a violation of a permit condition prohibiting  
44 a violation of an aquifer water quality standard or limitation at the  
45 point of compliance or a surface water quality standard if the release

1 that caused or contributed to the violation came from a facility owned or  
2 operated by a party that has either:

3 1. Undertaken a remedial or response action approved by the  
4 director or the administrator under this title or CERCLA in response to  
5 the release of a hazardous substance, pollutant or contaminant that caused  
6 or contributed to the violation of article 2 of this chapter and is in  
7 compliance with that remedial or response action.

8 2. Otherwise resolved its liability for the release of a hazardous  
9 substance that caused or contributed to the violation of article 2 of this  
10 chapter in whole or in part by the execution of a settlement agreement or  
11 consent decree with the director or administrator under this article,  
12 CERCLA or any other environmental law and is in compliance with that  
13 settlement agreement or consent decree.

14 G. Subsection F of this section does not prevent the director from  
15 taking an appropriate enforcement action to address the release of a  
16 hazardous substance, pollutant or contaminant or the violation of a permit  
17 condition before or as an element of an approved remedial or response  
18 action, settlement agreement or consent decree.

19 H. In determining the amount of a civil penalty for a violation  
20 under article 3, 3.1, 3.2 or 3.3 of this chapter, the court shall consider  
21 the following factors:

- 22 1. The seriousness of the violation or violations.
- 23 2. The economic benefit, if any, that results from the violation.
- 24 3. Any history of similar violations.
- 25 4. Any good faith efforts to comply with the applicable  
26 requirements.
- 27 5. The economic impact of the penalty on the violator.
- 28 6. The extent to which the violation was caused by a third party.
- 29 7. Other matters as justice may require.

30 I. A single operational upset that leads to simultaneous violations  
31 of more than one pollutant limitation in a permit issued or authorized  
32 pursuant to section 49-255.01 constitutes a single violation for purposes  
33 of any penalty calculation.

34 J. If a permittee holds both a permit issued or authorized pursuant  
35 to article 3 of this chapter and a permit issued or authorized pursuant to  
36 article 3.1, 3.2 or 3.3 of this chapter and the permittee violates a  
37 similar provision in both permits simultaneously, the department shall not  
38 recover penalties for violations of both permits based on the same act or  
39 omission.

40 K. For a wastewater treatment facility or system that is regulated  
41 as a public service corporation by the corporation commission, the  
42 department may make a written request to the corporation commission to  
43 take necessary corrective actions within thirty calendar days after both  
44 of the following occur:

- 45 1. The department does any one or more of the following:

1 (a) Determines that the wastewater treatment facility or system is  
2 out of compliance with an administrative order issued by the department  
3 for a violation of this chapter.

4 (b) Files a civil action against the owner or operator of the  
5 wastewater treatment facility or system for a violation of this chapter.

6 (c) Determines that an emergency exists with respect to the  
7 wastewater treatment facility or system.

8 2. The department determines that the corporation commission taking  
9 necessary corrective actions would expedite the wastewater treatment  
10 facility's or system's return to compliance with this chapter.

11 Sec. 28. Section 49-371, Arizona Revised Statutes, is amended to  
12 read:

13 49-371. Local stormwater quality programs; authority;  
14 limitations; fee; civil penalty; definition

15 A. A county that is required by the clean water act to obtain  
16 coverage under a national or state pollutant discharge elimination system  
17 stormwater program OR A COUNTY THAT IS REQUIRED TO OBTAIN COVERAGE UNDER  
18 AN ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT PURSUANT TO  
19 ARTICLE 3.1 OF THIS CHAPTER may do all of the following:

20 1. Develop and implement stormwater pollution prevention plans and  
21 stormwater management programs as prescribed by the clean water act OR  
22 ARTICLE 3.1 OF THIS CHAPTER.

23 2. Adopt, amend, repeal and implement any ordinances, rules or  
24 regulations necessary to comply with the minimum requirements of the clean  
25 water act OR ARTICLE 3.1 OF THIS CHAPTER, including the imposition and  
26 collection of fees for issuing and administering permits, reviewing plans  
27 and conducting inspections. Any fees imposed pursuant to this section  
28 shall not exceed the reasonable costs of the county to issue and  
29 administer permits, review plans and conduct inspections. Fees collected  
30 pursuant to this section may not be used to fund stormwater infrastructure  
31 costs.

32 3. Adopt rules, regulations or ordinances regulating the use of  
33 lands or rights-of-way owned or leased by the county as may be necessary  
34 to implement and enforce its national or state pollutant discharge  
35 elimination system stormwater management program. Rules, regulations or  
36 ordinances adopted pursuant to this paragraph may include provisions for  
37 both of the following:

38 (a) ~~Establishment~~ ESTABLISHING and ~~enforcement~~ ENFORCING of a  
39 county permit program, including conditions for the review, issuance,  
40 revision, renewal, revocation, administration and enforcement of a permit.

41 (b) ~~Establishment~~ ESTABLISHING of fees for the use of lands or  
42 rights-of-way and the discharge of stormwater or other waters onto or  
43 across those lands or rights-of-way pursuant to a permit.

44 4. Enforce the ordinances, rules or regulations adopted pursuant to  
45 this section consistent with section 49-372.

1           5. Seek a civil penalty of not more than ~~two thousand five hundred~~  
2 ~~dollars~~ \$2,500 for each violation. Each day of a violation constitutes a  
3 separate offense.

4           B. An ordinance, rule or regulation adopted pursuant to this  
5 section, or a stormwater management program developed and implemented by a  
6 county pursuant to this section, shall not be more stringent than or  
7 conflict with any requirement of the clean water act OR ARTICLE 3.1 OF  
8 THIS CHAPTER. A CITY, TOWN OR COUNTY MAY NOT REGULATE UNDER THIS SECTION  
9 ANY ACTIVITY THAT DOES NOT DISCHARGE TO A PROTECTED SURFACE WATER.

10          C. A county that operates a regulated small municipal separate  
11 storm sewer system THAT DISCHARGES TO A PROTECTED SURFACE WATER shall  
12 conduct its pollutant discharge elimination system stormwater management  
13 program and shall limit the application of any ordinance, rule or  
14 regulation as follows:

15           1. In urbanized areas as described in 40 Code of Federal  
16 Regulations section 122.32 as necessary to meet the requirements of 40  
17 Code of Federal Regulations section 122.34(b)(3). FOR SMALL MUNICIPAL  
18 SEPARATE STORM SEWER SYSTEMS THAT DISCHARGE TO NON-WOTUS PROTECTED SURFACE  
19 WATERS, THE COUNTY SHALL APPLY THIS PARAGRAPH AS IF THE SMALL MUNICIPAL  
20 SEPARATE STORM SEWER SYSTEM DISCHARGED TO A WOTUS PROTECTED SURFACE WATER.

21           2. As necessary to meet the requirements of public education and  
22 outreach, public involvement and participation as provided by the clean  
23 water act OR ARTICLE 3.1 OF THIS CHAPTER.

24           D. ~~For the purposes of this section and~~ Except as required by the  
25 clean water act, a county may not require a permit from any person with a  
26 federal or state pollutant discharge elimination system permit regulating  
27 the same activity at the same location.

28           E. ~~For the purposes of this section and~~ Except as required by 40  
29 Code of Federal Regulations section 122.34, a county may not regulate any  
30 person or activity exempt under 33 United States Code section 1342(l), 40  
31 Code of Federal Regulations section 122.3 or Arizona administrative code  
32 ~~18-9-A902(G)~~ R18-9-A902(G).

33           F. ~~For the purposes of~~ IF adopting an ordinance, rule or regulation  
34 pursuant to this section, a county shall use the definitions prescribed in  
35 section 49-255.

36           G. Fees received by a county pursuant to an ordinance or rule  
37 adopted pursuant to this article shall be deposited with the county for  
38 use in administering the programs or plans developed and implemented  
39 pursuant to this section.

40           H. Before adopting any ordinance, rule or regulation pursuant to  
41 this section, a county shall file with the secretary of state a written  
42 statement including a summary of the proposed rule, ordinance or other  
43 regulation. The summary shall provide the name of the person with the  
44 county to contact with questions or comments. The secretary of state  
45 shall publish the written statement in the next issue of the Arizona



1 administrative register at no cost to the county. The county shall make  
2 the text of the rule, ordinance or other regulation available to the  
3 public at the same time it files the written summary of the rule,  
4 ordinance or other regulation with the secretary of state as provided in  
5 this subsection. The county shall also comply with the requirements of  
6 section 49-112, subsection D, paragraphs 2, 3 and 4.

7 I. For the purposes of this article, "county" means a county that  
8 operates a regulated small municipal separate ~~stormwater~~ STORM SEWER  
9 system pursuant to 40 Code of Federal Regulations section 122.32. FOR  
10 SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS THAT DISCHARGE TO NON-WOTUS  
11 PROTECTED SURFACE WATERS, THIS DEFINITION SHALL APPLY AS IF THE SMALL  
12 MUNICIPAL SEPARATE STORM SEWER SYSTEM DISCHARGED TO A WOTUS PROTECTED  
13 SURFACE WATER.

14 Sec. 29. Section 49-391, Arizona Revised Statutes, is amended to  
15 read:

16 49-391. Local enforcement of water pretreatment requirements;  
17 civil penalties

18 A. A city, town, county or sanitary district of this state may  
19 adopt, amend or repeal any ordinances necessary for implementing and  
20 enforcing the pretreatment requirements under the federal water pollution  
21 control act amendments of 1972 (P.L. 92-500; 86 Stat. 816; 33 United  
22 States Code sections 1251 through 1376), as amended, AND ARTICLE 3.1 OF  
23 THIS CHAPTER and enforce the ordinances by imposing and recovering a civil  
24 penalty of not more than ~~twenty-five thousand dollars~~ \$25,000 for each  
25 violation as prescribed by this section. For continuing violations, each  
26 day may constitute a separate offense.

27 B. A city, town, county or sanitary district shall not receive  
28 civil penalties under this section if an interested person, the United  
29 States, this state, or another city, town, county or sanitary district has  
30 received civil penalties or is diligently prosecuting a civil penalty  
31 action in a court of the United States or this state, or in an  
32 administrative enforcement proceeding, with respect to the same  
33 allegations, standard, requirement, or order. This state, and any city,  
34 town, county or sanitary district of this state that is or may be affected  
35 by a civil, judicial or administrative action, may intervene as a matter  
36 of right in any pending civil, judicial or administrative action for  
37 purposes of obtaining injunctive or declaratory relief.

38 C. The city, town, county or sanitary district may seek compliance  
39 with pretreatment ordinances and recovery of the civil penalties provided  
40 by this section either by an action in superior court or by a negotiated  
41 settlement agreement. Before a consent decree filed with superior court  
42 or a negotiated settlement becomes final, the city, town, county or  
43 sanitary district seeking compliance shall provide a period of thirty days  
44 for public comment. In determining the amount of a civil penalty the  
45 court and the city, town, county or sanitary district shall consider:

1           1. The seriousness of the violation.  
2           2. The economic benefit, if any, resulting from the violation.  
3           3. Any history of such violation.  
4           4. Any good faith efforts to comply with the applicable  
5 requirements.  
6           5. The economic impact of the penalty on the violator.  
7           6. Such other factors as justice may require.  
8           D. In addition to the remedies provided in this section,  
9 enforcement of such ordinances may include injunctive or other equitable  
10 relief.  
11           E. All monies collected pursuant to an ordinance adopted under this  
12 section shall be deposited with the respective city, town, county or  
13 sanitary district.  
14           Sec. 30. Section 49-701, Arizona Revised Statutes, is amended to  
15 read:  
16           49-701. Definitions  
17           In this chapter, unless the context otherwise requires:  
18           1. "Administratively complete plan" means an application for a  
19 solid waste facility plan approval that the department has determined  
20 contains each of the components required by statute or rule but that has  
21 not undergone technical review or public notice by the department.  
22           2. "Administrator" means the administrator of the United States  
23 environmental protection agency.  
24           3. "Closed solid waste facility" means any of the following:  
25           (a) A solid waste facility that ceases storing, treating,  
26 processing or receiving for disposal solid waste before the effective date  
27 of design and operation rules for that type of facility adopted pursuant  
28 to section 49-761.  
29           (b) A public solid waste landfill that meets any of the following  
30 criteria:  
31           (i) Ceased receiving solid waste prior to July 1, 1983.  
32           (ii) Ceased receiving solid waste and received at least two feet of  
33 cover material prior to January 1, 1986.  
34           (iii) Received approval for closure from the department.  
35           (c) A public composting plant or a public incinerating facility  
36 that closed in accordance with an approved plan.  
37           4. "Conditionally exempt small quantity generator waste" means  
38 hazardous waste in quantities as defined by rules adopted pursuant to  
39 section 49-922.  
40           5. "Construction debris" means solid waste derived from the  
41 construction, repair or remodeling of buildings or other structures.  
42           6. "County" means:  
43           (a) The board of supervisors in the context of the exercise of  
44 powers or duties.

1 (b) The unincorporated areas in the context of area of  
2 jurisdiction.

3 7. "Demolition debris" means solid waste derived from the  
4 demolition of buildings or other structures.

5 8. "Discharge" has the same meaning prescribed in section 49-201.

6 9. "Existing solid waste facility" means a solid waste facility  
7 that begins construction or is in operation on the effective date of the  
8 design and operation rules adopted by the director pursuant to section  
9 49-761 for that type of solid waste facility.

10 10. "Facility plan" means any design or operating plan for a solid  
11 waste facility or group of solid waste facilities.

12 11. "40 C.F.R. part 257" means 40 Code of Federal Regulations part  
13 257 in effect on May 1, 2004.

14 12. "40 C.F.R. part 258" means 40 Code of Federal Regulations part  
15 258 in effect on May 1, 2004.

16 13. "Household hazardous waste" means solid waste as described in 40  
17 Code of Federal Regulations section 261.4(b)(1) as incorporated by  
18 reference in the rules adopted pursuant to chapter 5 of this title.

19 14. "Household waste" means any solid waste including garbage,  
20 rubbish and sanitary waste from septic tanks that is generated from  
21 households including single and ~~multiple-family~~ MULTIPLE-FAMILY  
22 residences, hotels and motels, bunkhouses, ranger stations, crew quarters,  
23 campgrounds, picnic grounds and day use recreation areas, not including  
24 construction debris, landscaping rubble or demolition debris.

25 15. "Inert material":

26 (a) Means material that satisfies all of the following conditions:

27 (i) Is not flammable.

28 (ii) Will not decompose.

29 (iii) Will not leach substances in concentrations that exceed  
30 applicable aquifer water quality standards prescribed by section 49-201,  
31 paragraph ~~20-~~ 22 when subjected to a water leach test that is designed to  
32 approximate natural infiltrating waters.

33 (b) Includes concrete, asphaltic pavement, brick, rock, gravel,  
34 sand, soil and metal, if used as reinforcement in concrete, but does not  
35 include special waste, hazardous waste, glass or other metal.

36 16. "Land disposal" means placement of solid waste in or on land.

37 17. "Landscaping rubble" means material that is derived from  
38 landscaping or reclamation activities and that may contain inert material  
39 and ~~no~~ NOT more than ten ~~per cent~~ PERCENT by volume of vegetative waste.

40 18. "Management agency" means any person responsible for the  
41 day-to-day operation, maintenance and management of a particular public  
42 facility or group of public facilities.

43 19. "Medical waste" means any solid waste ~~which~~ THAT is generated in  
44 the diagnosis, treatment or immunization of a human being or animal or in  
45 any research relating to that diagnosis, treatment or immunization, or in

1 the production or testing of biologicals, and includes discarded drugs but  
2 does not include hazardous waste as defined in section 49-921 other than  
3 conditionally exempt small quantity generator waste.

4 20. "Municipal solid waste landfill" means any solid waste landfill  
5 that accepts household waste, household hazardous waste or conditionally  
6 exempt small quantity generator waste.

7 21. "New solid waste facility" means a solid waste facility that  
8 begins construction or operation after the effective date of design and  
9 operating rules that are adopted pursuant to section 49-761 for that type  
10 of solid waste facility.

11 22. "On site" means the same or geographically contiguous property  
12 that may be divided by public or private right-of-way if the entrance and  
13 exit between the properties are at a crossroads intersection and access is  
14 by crossing the right-of-way and not by traveling along the right-of-way.  
15 Noncontiguous properties that are owned by the same person and connected  
16 by a right-of-way that is controlled by that person and to which the  
17 public does not have access are deemed on site property. Noncontiguous  
18 properties that are owned or operated by the same person regardless of  
19 right-of-way control are also deemed on site property.

20 23. "Person" means any public or private corporation, company,  
21 partnership, firm, association or society of persons, the federal  
22 government and any of its departments or agencies, this state or any of  
23 its agencies, departments, political subdivisions, counties, towns or  
24 municipal corporations, as well as a natural person.

25 24. "Process" or "processing" means the reduction, separation,  
26 recovery, conversion or recycling of solid waste.

27 25. "Public solid waste facility" means a transfer facility and any  
28 site owned, operated or utilized by any person for the storage,  
29 processing, treatment or disposal of solid waste that is not generated on  
30 site.

31 26. "Recycling facility" means a solid waste facility that is owned,  
32 operated or used for the storage, treatment or processing of recyclable  
33 solid waste and that handles wastes that have a significant adverse effect  
34 on the environment.

35 27. "Salvaging" means the removal of solid waste from a solid waste  
36 facility with the permission and in accordance with rules or ordinances of  
37 the management agency for purposes of productive reuse.

38 28. "Scavenging" means the unauthorized removal of solid waste from  
39 a solid waste facility.

40 29. "Solid waste facility" means a transfer facility and any site  
41 owned, operated or ~~utilized~~ USED by any person for the storage,  
42 processing, treatment or disposal of solid waste, conditionally exempt  
43 small quantity generator waste or household hazardous waste but does not  
44 include the following:

1 (a) A site at which less than one ton of solid waste that is not  
2 household waste, household hazardous waste, conditionally exempt small  
3 quantity generator waste, medical waste or special waste and that was  
4 generated on site is stored, processed, treated or disposed in compliance  
5 with section 49-762.07, subsection F.

6 (b) A site at which solid waste that was generated on site is  
7 stored for ninety days or less.

8 (c) A site at which nonputrescible solid waste that was generated  
9 on site in amounts of less than one thousand kilograms per month per type  
10 of nonputrescible solid waste is stored and contained for one hundred  
11 eighty days or less.

12 (d) A site that stores, treats or processes paper, glass, wood,  
13 cardboard, household textiles, scrap metal, plastic, vegetative waste,  
14 aluminum, steel or other recyclable material and that is not a waste tire  
15 facility, a transfer facility or a recycling facility.

16 (e) A site where sludge from a wastewater treatment facility is  
17 applied to the land as a fertilizer or beneficial soil amendment in  
18 accordance with sludge application requirements.

19 (f) A closed solid waste facility.

20 (g) A solid waste landfill that is performing or has completed  
21 postclosure care before July 1, 1996 in accordance with an approved  
22 postclosure plan.

23 (h) A closed solid waste landfill performing a onetime removal of  
24 solid waste from the closed solid waste landfill, if the operator provides  
25 a written notice that describes the removal project to the department  
26 within thirty days after completion of the removal project.

27 (i) A site where solid waste generated in street sweeping  
28 activities is stored, processed or treated prior to disposal at a solid  
29 waste facility authorized under this chapter.

30 (j) A site where solid waste generated at either a drinking water  
31 treatment facility or a wastewater treatment facility is stored,  
32 processed, or treated on site prior to disposal at a solid waste facility  
33 authorized under this chapter, and any discharge is regulated pursuant to  
34 chapter 2, article 3 of this title.

35 (k) A closed solid waste landfill where development activities  
36 occur on the property or where excavation or removal of solid waste is  
37 performed for maintenance and repair provided the following conditions are  
38 met:

39 (i) When the project is completed there will not be an increase in  
40 leachate that would result in a discharge.

41 (ii) When the project is completed the concentration of methane gas  
42 will not exceed twenty-five ~~per cent~~ PERCENT of the lower explosive limit  
43 in on-site structures, or the concentration of methane gas will not exceed  
44 the lower explosive limit at the property line.

1 (iii) Protection has been provided to prevent remaining waste from  
2 causing any vector, odor, litter or other environmental nuisance.

3 (iv) The operator provides a notice to the department containing  
4 the information required by section 49-762.07, subsection A, paragraphs 1,  
5 2 and 5 and a brief description of the project.

6 (l) Agricultural on-site disposal as provided in section 49-766.

7 (m) The use, storage, treatment or disposal of by-products of  
8 regulated agricultural activities as defined in section 49-201 and that  
9 are subject to best management practices pursuant to section 49-247 or  
10 by-products of livestock, range livestock and poultry as defined in  
11 section 3-1201, pesticide containers that are regulated pursuant to title  
12 3, chapter 2, article 6 or other agricultural crop residues.

13 (n) Household hazardous waste collection events held at a temporary  
14 site for not more than six days in any calendar quarter.

15 (o) Wastewater treatment facilities as defined in section 49-1201.

16 (p) An on-site ~~single family~~ SINGLE-FAMILY household waste  
17 composting facility.

18 (q) A site at which five hundred or fewer waste tires are stored.

19 (r) A site at which mining industry off-road waste tires are stored  
20 or are disposed of as prescribed by rules in effect on February 1, 1996,  
21 until the director by rule determines that on-site recycling methods exist  
22 that are technically feasible and economically practical.

23 (s) A site at which underground piping, conduit, pipe covering or  
24 similar structures are abandoned in place in accordance with applicable  
25 state and federal laws.

26 30. "Solid waste landfill" means a facility, area of land or  
27 excavation in which solid wastes are placed for permanent disposal. Solid  
28 waste landfill does not include a land application unit, surface  
29 impoundment, injection well, compost pile or waste pile or an area  
30 containing ash from the on-site combustion of coal that does not contain  
31 household waste, household hazardous waste or conditionally exempt small  
32 quantity generator waste.

33 31. "Solid waste management" means the systematic administration of  
34 activities ~~which~~ THAT provide for the collection, source separation,  
35 storage, transportation, transfer, processing, treatment or disposal of  
36 solid waste in a manner that protects public health and safety and the  
37 environment and prevents and abates environmental nuisances.

38 32. "Solid waste management plan" means the plan ~~which~~ THAT is  
39 adopted pursuant to section 49-721 and ~~which~~ THAT provides guidelines for  
40 the collection, source separation, storage, transportation, processing,  
41 treatment, reclamation and disposal of solid waste in a manner that  
42 protects public health and safety and the environment and prevents and  
43 abates environmental nuisances.

44 33. "Storage" means the holding of solid waste.

1        34. "Transfer facility" means a site that is owned, operated or used  
2 by any person for the rehandling or storage for ninety days or less of  
3 solid waste that was generated off site for the primary purpose of  
4 transporting that solid waste. Transfer facility includes those  
5 facilities that include significant solid waste transfer activities that  
6 warrant the facility's regulation as a transfer facility.

7        35. "Treatment" means any method, technique or process used to  
8 change the physical, chemical or biological character of solid waste so as  
9 to render that waste safer for transport, amenable for processing,  
10 amenable for storage or reduced in volume.

11       36. "Vegetative waste" means waste derived from plants, including  
12 tree limbs and branches, stumps, grass clippings and other waste plant  
13 material. Vegetative waste does not include processed lumber, paper,  
14 cardboard and other manufactured products that are derived from plant  
15 material.

16       37. "Waste pile" means any noncontainerized accumulation of solid,  
17 nonflowing waste that is used for treatment or storage.

18       38. "Waste tire" does not include tires used for agricultural  
19 purposes as bumpers on agricultural equipment or as ballast to maintain  
20 covers at an agricultural site, or any tire disposed of using any of the  
21 methods in section 44-1304, subsection D, paragraphs 1, 2, 3, 5 through 8  
22 and 11 and means any of the following:

23       (a) A tire that is no longer suitable for its original intended  
24 purpose because of wear, damage or defect.

25       (b) A tire that is removed from a motor vehicle and is retained for  
26 further use.

27       (c) A tire that has been chopped or shredded.

28       39. "Waste tire facility" means a solid waste facility at which  
29 five thousand or more waste tires are stored outdoors on any day.

APPROVED BY THE GOVERNOR MAY 5, 2021.

FILED IN THE OFFICE OF THE SECRETARY OF STATE MAY 5, 2021.

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

**Appendix B. Surface Waters and Designated Uses**

(Coordinates are from the North American Datum of 1983 (NAD83). All latitudes in Arizona are north and all longitudes are west, but the negative signs are not included in the Appendix B table. Some web-based mapping systems require a negative sign before the longitude values to indicate it is a west longitude.)

**Watersheds:**

BW = Bill Williams  
 CG = Colorado – Grand Canyon  
 CL = Colorado – Lower Gila  
 LC = Little Colorado  
 MG = Middle Gila  
 SC = Santa Cruz – Rio Magdalena – Rio Sonoyta  
 SP = San Pedro – Willcox Playa – Rio Yaqui  
 SR = Salt River  
 UG = Upper Gila  
 VR = Verde River

**Other Abbreviations:**

WWTP = Wastewater Treatment Plant  
 Km = kilometers

Water-shed	Surface Waters	Segment Description and Location (Latitude and Longitudes are in NAD 83)	Lake Category	Aquatic and Wildlife				Human Health				Agricultural	
				A&Wc	A&Ww	A&We	A&Wed w	FBC	PBC	DWS	FC	AgI	AgL
BW	Alamo Lake	34°14'06"/113°35'00"	Deep		A&Ww			FBC			FC		AgL
BW	Big Sandy River	Headwaters to Alamo Lake			A&Ww			FBC			FC		AgL
BW	Bill Williams River	Alamo Lake to confluence with Colorado River			A&Ww			FBC			FC		AgL
BW	Blue Tank	34°40'14"/112°58'17"			A&Ww			FBC			FC		AgL
BW	Boulder Creek	Headwaters to confluence with unnamed tributary at 34°41'13"/113°03'37"		A&Wc				FBC			FC		AgL
BW	Boulder Creek	Below confluence with unnamed tributary to confluence with Burro Creek			A&Ww			FBC			FC		AgL
BW	Burro Creek (OAW)	Headwaters to confluence with Boulder Creek			A&Ww			FBC			FC		AgL
BW	Burro Creek	Below confluence with Boulder Creek to confluence with Big Sandy River			A&Ww			FBC			FC		AgL
BW	Carter Tank	34°52'27"/112°57'31"			A&Ww			FBC			FC		AgL
BW	Conger Creek	Headwaters to confluence with unnamed tributary at 34°45'15"/113°05'46"		A&Wc				FBC			FC		AgL
BW	Conger Creek	Below confluence with unnamed tributary to confluence with Burro Creek			A&Ww			FBC			FC		AgL
BW	Copper Basin Wash	Headwaters to confluence with unnamed tributary at 34°28'12"/112°35'33"		A&Wc				FBC			FC		AgL
BW	Copper Basin Wash	Below confluence with unnamed tributary to confluence with Skull Valley Wash				A&We			PBC				AgL
BW	Cottonwood Canyon	Headwaters to Bear Trap Spring		A&Wc				FBC			FC		AgL
BW	Cottonwood Canyon	Below Bear Trap Spring to confluence at Sycamore Creek			A&Ww			FBC			FC		AgL
BW	Date Creek	Headwaters to confluence with Santa Maria River			A&Ww			FBC			FC		AgL
BW	Francis Creek (OAW)	Headwaters to confluence with Burro Creek			A&Ww			FBC		DWS	FC	AgI	AgL
BW	Kirkland Creek	Headwaters to confluence with Santa Maria River			A&Ww			FBC			FC	AgI	AgL
BW	Knight Creek	Headwaters to confluence with Big Sandy River			A&Ww			FBC			FC		AgL
BW	Peoples Canyon (OAW)	Headwaters to confluence with Santa Maria River			A&Ww			FBC			FC		AgL



## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

BW	Red Lake	35°12'18"/113°03'57"	Sedi- mentary		A&Ww			FBC			FC		AgL
BW	Santa Maria River	Headwaters to Alamo Lake			A&Ww			FBC			FC	AgL	AgL
BW	Trout Creek	Headwaters to confluence with unnamed tributary at 35°06'47"/113°13'01"		A&Wc				FBC			FC		AgL
BW	Trout Creek	Below confluence with unnamed tributary to confluence with Knight Creek			A&Ww			FBC			FC		AgL
CG	Agate Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Beaver Dam Wash	Headwaters to confluence with the Virgin River			A&Ww			FBC			FC		AgL
CG	Big Springs Tank	36°36'08"/112°21'01"		A&Wc				FBC			FC		AgL
CG	Boucher Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Bright Angel Creek	Headwaters to confluence with Roaring Springs Creek		A&Wc				FBC			FC		
CG	Bright Angel Creek	Below Roaring Spring Springs Creek to confluence with Colorado River			A&Ww			FBC			FC		
CG	Bright Angel Wash	Headwaters to Grand Canyon National Park South Rim WWTP outfall at 36°02'59"/112°09'02"				A&We			PBC				
CG	Bright Angel Wash (EDW)	Grand Canyon National Park South Rim WWTP outfall to Coconino Wash					A&Wed w		PBC				AgL
CG	Bulrush Canyon Wash	Headwaters to confluence with Kanab Creek				A&We			PBC				
CG	Cataract Creek	Headwaters to Santa Fe Reservoir		A&Wc				FBC		DWS	FC	AgL	AgL
CG	Cataract Creek	Santa Fe Reservoir to City of Williams WWTP outfall at 35°14'40"/112°11'18"		A&Wc				FBC			FC	AgL	AgL
CG	Cataract Creek (EDW)	City of Williams WWTP outfall to 1 km downstream					A&Wed w		PBC				
CG	Cataract Creek	Red Lake Wash to Havasupai Indian Reservation boundary				A&We			PBC				AgL
CG	Cataract Lake	35°15'04"/112°12'58"	Igneous	A&Wc				FBC		DWS	FC		AgL
CG	Chuar Creek	Headwaters to confluence with unnamed tributary at 36°11'35"/111°52'20"		A&Wc				FBC			FC		
CG	Chuar Creek	Below unnamed tributary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	City Reservoir	35°13'57"/112°11'25"	Igneous	A&Wc				FBC		DWS	FC		
CG	Clear Creek	Headwaters to confluence with unnamed tributary at 36°07'33"/112°00'03"		A&Wc				FBC			FC		
CG	Clear Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		
CG	Coconino Wash (EDW)	South Grand Canyon Sanitary District Tusayan WRF outfall at 35°58'39"/112°08'25" to 1 km downstream					A&Wed w		PBC				
CG	Colorado River	Lake Powell to Lake Mead		A&Wc				FBC		DWS	FC	AgL	AgL
CG	Cottonwood Creek	Headwaters to confluence with unnamed tributary at 35°20'46"/113°35'31"		A&Wc				FBC			FC		AgL
CG	Cottonwood Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		AgL
CG	Crystal Creek	Headwaters to confluence with unnamed tributary at 36°13'41"/112°11'49"		A&Wc				FBC			FC		
CG	Crystal Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		
CG	Deer Creek	Headwaters to confluence with unnamed tributary at 36°26'15"/112°28'20"		A&Wc				FBC			FC		
CG	Deer Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

CG	Detrital Wash	Headwaters to Lake Mead				A&We			PBC				
CG	Dogtown Reservoir	35°12'40"/112°07'54"	Igneous	A&Wc				FBC		DWS	FC	AgI	AgL
CG	Dragon Creek	Headwaters to confluence with Milk Creek		A&Wc				FBC			FC		
CG	Dragon Creek	Below confluence with Milk Creek to confluence with Crystal Creek			A&Ww			FBC			FC		
CG	Garden Creek	Headwaters to confluence with Pipe Creek			A&Ww			FBC			FC		
CG	Gonzalez Lake	35°15'26"/112°12'09"	Shallow		A&Ww			FBC			FC	AgI	AgL
CG	Grand Wash	Headwaters to Colorado River				A&We			PBC				
CG	Grapevine Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Grapevine Wash	Headwaters to Colorado River				A&We			PBC				
CG	Hakatai Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Hance Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Havasupai Creek	From the Havasupai Indian Reservation boundary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Hermit Creek	Headwaters to Hermit Pack Trail crossing at 36°03'38"/112°14'00"		A&Wc				FBC			FC		
CG	Hermit Creek	Below Hermit Pack Trail crossing to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Horn Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Hualapai Wash	Headwaters to Lake Mead				A&We			PBC				
CG	Jacob Lake	36°42'27"/112°13'50"	Sedimentary	A&Wc				FBC			FC		
CG	Kaibab Lake	35°17'04"/112°09'32"	Igneous	A&Wc				FBC		DWS	FC	AgI	AgL
CG	Kanab Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC		DWS	FC		AgL
CG	Kwagunt Creek	Headwaters to confluence with unnamed tributary at 36°13'37"/111°54'50"		A&Wc				FBC			FC		
CG	Kwagunt Creek	Below confluence with unnamed tributary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Lake Mead	36°06'18"/114°26'33"	Deep	A&Wc				FBC		DWS	FC	AgI	AgL
CG	Lake Powell	36°59'53"/111°08'17"	Deep	A&Wc				FBC		DWS	FC	AgI	AgL
CG	Lonetree Canyon Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Matkatamiba Creek	Below Havasupai Indian Reservation boundary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Monument Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Nankoweap Creek	Headwaters to confluence with unnamed tributary at 36°15'29"/111°57'26"		A&Wc				FBC			FC		
CG	Nankoweap Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		
CG	National Canyon Creek	Headwaters to Hualapai Indian Reservation boundary at 36°15'15"/112°52'34"			A&Ww			FBC			FC		
CG	North Canyon Creek	Headwaters to confluence with unnamed tributary at 36°33'58"/111°55'41"		A&Wc				FBC			FC		
CG	North Canyon Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		
CG	Olo Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Parashant Canyon	Headwaters to confluence with unnamed tributary at 36°21'02"/113°27'56"		A&Wc				FBC			FC		
CG	Parashant Canyon	Below confluence with unnamed tributary to confluence with the Colorado River			A&Ww			FBC			FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

CG	Paria River	Utah border to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Phantom Creek	Headwaters to confluence with unnamed tributary at 36°09'29"/112°08'13"		A&Wc				FBC			FC		
CG	Phantom Creek	Below confluence with unnamed tributary to confluence with Bright Angel Creek			A&Ww			FBC			FC		
CG	Pipe Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Red Canyon Creek	Headwaters to confluence with the Colorado River '			A&Ww			FBC			FC		
CG	Red Lake	35°40'03"/114°04'07"			A&Ww			FBC			FC		AgL
CG	Roaring Springs	36°11'45"/112°02'06"		A&Wc				FBC		DWS	FC		
CG	Roaring Springs Creek	Headwaters to confluence with Bright Angel Creek		A&Wc				FBC			FC		
CG	Rock Canyon	Headwaters to confluence with Truxton Wash				A&We			PBC				
CG	Royal Arch Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Ruby Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Russell Tank	35°52'21"/111°52'45"		A&Wc				FBC			FC		AgL
CG	Saddle Canyon Creek	Headwaters to confluence with unnamed tributary at 36°21'36"/112°22'43"		A&Wc				FBC			FC		
CG	Saddle Canyon Creek	Below confluence with unnamed tributary to confluence with Colorado River			A&Ww			FBC			FC		
CG	Santa Fe Reservoir	35°14'31"/112°11'10"	Igneous	A&Wc				FBC		DWS	FC		
CG	Sapphire Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Serpentine Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Shinumo Creek	Headwaters to confluence with unnamed tributary at 36°18'18"/112°18'07"		A&Wc				FBC			FC		
CG	Shinumo Creek	Below confluence with unnamed tributary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Short Creek	Headwaters to confluence with Fort Pearce Wash				A&We			PBC				
CG	Slate Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Spring Canyon Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Stone Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Tapeats Creek	Headwaters to confluence with the Colorado River		A&Wc				FBC			FC		
CG	Thunder River	Headwaters to confluence with Tapeats Creek		A&Wc				FBC			FC		
CG	Trail Canyon Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Transept Canyon	Headwaters to Grand Canyon National Park North Rim WWTP outfall at 36°12'20"/112°03'35"				A&We			PBC				
CG	Transept Canyon (EDW)	Grand Canyon National Park North Rim WWTP outfall to 1 km downstream					A&Wedw		PBC				
CG	Transept Canyon	From 1 km downstream of the Grand Canyon National Park North Rim WWTP outfall to confluence with Bright Angel Creek				A&We			PBC				
CG	Travertine Canyon Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Truxton Wash	Headwaters to Red Lake				A&We			PBC				
CG	Turquoise Canyon	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

CG	Unkar Creek	Below confluence with unnamed tributary at 36°07'54"/111°54'06" to confluence with Colorado River			A&Ww			FBC			FC		
CG	Unnamed Wash (EDW)	Grand Canyon National Park Desert View WWTP outfall at 36°02'06"/111°49'13" to confluence with Cedar Canyon					A&Wedw		PBC				
CG	Unnamed Wash (EDW)	Valle Airpark WRF outfall at 35°38'34"/112°09'22" to confluence with Spring Valley Wash					A&Wedw		PBC				
CG	Vasey's Paradise	A spring at 36°29'52"/111°51'26"			A&Wc			FBC			FC		
CG	Virgin River	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC	AgI	AgL
CG	Vishnu Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Warm Springs Creek	Headwaters to confluence with the Colorado River			A&Ww			FBC			FC		
CG	West Cataract Creek	Headwaters to confluence with Cataract Creek			A&Wc			FBC			FC		AgL
CG	White Creek	Headwaters to confluence with unnamed tributary at 36°18'45"/112°21'03"			A&Wc			FBC			FC		
CG	White Creek	Below confluence with unnamed tributary to confluence with the Colorado River			A&Ww			FBC			FC		
CG	Wright Canyon Creek	Headwaters to confluence with unnamed tributary at 35°20'48"/113°30'40"			A&Wc			FBC			FC		AgL
CG	Wright Canyon Creek	Below confluence with unnamed tributary to confluence with Truxton Wash			A&Ww			FBC			FC		AgL
CL	A10 Backwater	33°31'45"/114°33'19"	Shallow		A&Ww			FBC			FC		
CL	A7 Backwater	33°34'27"/114°32'04"	Shallow		A&Ww			FBC			FC		
CL	Adobe Lake	33°02'36"/114°39'26"	Shallow		A&Ww			FBC			FC		
CL	Cibola Lake	33°14'01"/114°40'31"	Shallow		A&Ww			FBC			FC		
CL	Clear Lake	33°01'59"/114°31'19"	Shallow		A&Ww			FBC			FC		
CL	Columbus Wash	Headwaters to confluence with the Gila River					A&We		PBC				
CL	Colorado River	Lake Mead to Topock Marsh			A&Wc			FBC		DWS	FC	AgI	AgL
CL	Colorado River	Topock Marsh to Morelos Dam			A&Ww			FBC		DWS	FC	AgI	AgL
CL	Gila River	Painted Rock Dam to confluence with the Colorado River			A&Ww			FBC			FC	AgI	AgL
CL	Holy Moses Wash	Headwaters to City of Kingman Downtown WWTP outfall at 35°10'33"/114°03'46"					A&We		PBC				
CL	Holy Moses Wash (EDW)	City of Kingman Downtown WWTP outfall to 3 km downstream					A&Wedw		PBC				
CL	Holy Moses Wash	From 3 km downstream of City of Kingman Downtown WWTP outfall to confluence with Sawmill Wash					A&We		PBC				
CL	Hunter's Hole Backwater	32°31'13"/114°48'07"	Shallow		A&Ww			FBC			FC		AgL
CL	Imperial Reservoir	32°53'02"/114°27'54"	Shallow		A&Ww			FBC		DWS	FC	AgI	AgL
CL	Island Lake	33°01'44"/114°36'42"	Shallow		A&Ww			FBC			FC		
CL	Laguna Reservoir	32°51'35"/114°28'29"	Shallow		A&Ww			FBC		DWS	FC	AgI	AgL
CL	Lake Havasu	34°35'18"/114°25'47"	Deep		A&Ww			FBC		DWS	FC	AgI	AgL
CL	Lake Mohave	35°26'58"/114°38'30"	Deep		A&Wc			FBC		DWS	FC	AgI	AgL
CL	Martinez Lake	32°58'49"/114°28'09"	Shallow		A&Ww			FBC			FC	AgI	AgL
CL	Mittry Lake	32°49'17"/114°27'54"	Shallow		A&Ww			FBC			FC		
CL	Mohave Wash	Headwaters to Lower Colorado River					A&We		PBC				
CL	Nortons Lake	33°02'30"/114°37'59"	Shallow		A&Ww			FBC			FC		

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CL	Painted Rock (Borrow Pit) Lake	33°04'55"/113°01'17"	Sedi-mentary		A&Ww			FBC			FC	AgI	AgL
CL	Pretty Water Lake	33°19'51"/114°42'19"	Shallow		A&Ww			FBC			FC		
CL	Quigley Pond	32°43'40"/113°57'44"	Shallow		A&Ww			FBC			FC		
CL	Redondo Lake	32°44'32"/114°29'03"	Shallow		A&Ww			FBC			FC		
CL	Sacramento Wash	Headwaters to Topock Marsh				A&We			PBC				
CL	Sawmill Canyon	Headwaters to abandoned gaging station at 35°09'45"/113°57'56"			A&Ww			FBC			FC		AgL
CL	Sawmill Canyon	Below abandoned gaging station to confluence with Holy Moses Wash				A&We			PBC				AgL
CL	Topock Marsh	34°43'27"/114°28'59"	Shallow		A&Ww			FBC		DWS	FC	AgI	AgL
CL	Tyson Wash (EDW)	Town of Quartzsite WWTP outfall at 33°42'39"/114°13'10" to 1 km downstream					A&Wedw		PBC				
CL	Wellton Canal	Wellton-Mohawk Irrigation District								DWS		AgI	AgL
CL	Wellton Ponds	32°40'32"/114°00'26"			A&Ww			FBC			FC		
CL	Yuma Proving Ground Pond	32°50'58"/114°26'14"			A&Ww			FBC			FC		
CL	Yuma Area Canals	Above municipal water treatment plant intakes								DWS		AgI	AgL
CL	Yuma Area Canals	Below municipal water treatment plant intakes and all drains										AgI	AgL
LC	Als Lake	35°02'10"/111°25'17"	Igneous		A&Ww			FBC			FC		AgL
LC	Ashurst Lake	35°01'06"/111°24'18"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Atcheson Reservoir	33°59'59"/109°20'43"	Igneous		A&Ww			FBC			FC	AgI	AgL
LC	Auger Creek	Headwaters to confluence with Nutrioso Creek		A&Wc				FBC			FC		AgL
LC	Barbershop Canyon Creek	Headwaters to confluence with East Clear Creek		A&Wc				FBC			FC		AgL
LC	Bear Canyon Creek	Headwaters to confluence with General Springs Canyon		A&Wc				FBC			FC		AgL
LC	Bear Canyon Creek	Headwaters to confluence with Willow Creek		A&Wc				FBC			FC		AgL
LC	Bear Canyon Lake	34°24'00"/111°00'06"	Sedi-mentary	A&Wc				FBC			FC	AgI	AgL
LC	Becker Lake	34°09'11"/109°18'23"	Shallow	A&Wc				FBC			FC		AgL
LC	Billy Creek	Headwaters to confluence with Show Low Creek		A&Wc				FBC			FC		AgL
LC	Black Canyon	Headwaters to confluence with Chevelon Creek		A&Wc				FBC			FC	AgI	AgL
LC	Black Canyon Lake	34°20'32"/110°40'13"	Sedi-mentary	A&Wc				FBC		DWS	FC	AgI	AgL
LC	Boot Lake	34°58'54"/111°20'11"	Igneous	A&Wc				FBC			FC		AgL
LC	Bow and Arrow Wash	Headwaters to confluence with Rio de Flag				A&We			PBC				
LC	Buck Springs Canyon Creek	Headwaters to confluence with Leonard Canyon Creek		A&Wc				FBC			FC		AgL
LC	Bunch Reservoir	34°02'20"/109°26'48"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Camillo Tank	34°55'03"/111°22'40"	Igneous		A&Ww			FBC			FC		AgL
LC	Carnero Lake	34°06'57"/109°31'42"	Shallow	A&Wc				FBC			FC		AgL
LC	Chevelon Canyon Lake	34°29'18"/110°49'30"	Sedi-mentary	A&Wc				FBC			FC	AgI	AgL
LC	Chevelon Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgI	AgL
LC	Chevelon Creek, West Fork	Headwaters to confluence with Chevelon Creek		A&Wc				FBC			FC		AgL
LC	Chilson Tank	34°51'43"/111°22'54"	Igneous		A&Ww			FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

LC	Clear Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC		DWS	FC		AgL
LC	Clear Creek Reservoir	34°57'09"/110°39'14"	Shallow	A&Wc				FBC		DWS	FC	AgL	AgL
LC	Coconino Reservoir	35°00'05"/111°24'10"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Colter Creek	Headwaters to confluence with Nutrioso Creek		A&Wc				FBC			FC		AgL
LC	Colter Reservoir	33°56'39"/109°28'53"	Shallow	A&Wc				FBC			FC		AgL
LC	Concho Creek	Headwaters to confluence with Carrizo Wash		A&Wc				FBC			FC		AgL
LC	Concho Lake	34°26'37"/109°37'40"	Shallow	A&Wc				FBC			FC	AgL	AgL
LC	Cow Lake	34°53'14"/111°18'51"	Igneous		A&Ww			FBC			FC		AgL
LC	Coyote Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgL	AgL
LC	Cragin Reservoir (formerly Blue Ridge Reservoir)	34°32'40"/111°11'33"	Deep	A&Wc				FBC			FC	AgL	AgL
LC	Crisis Lake (Snake Tank #2)	34°47'51"/111°17'32"			A&Ww			FBC			FC		AgL
LC	Dane Canyon Creek	Headwaters to confluence with Barbershop Canyon Creek		A&Wc				FBC			FC		AgL
LC	Daves Tank	34°44'22"/111°17'15"			A&Ww			FBC			FC		AgL
LC	Deep Lake	35°03'34"/111°25'00"	Igneous		A&Ww			FBC			FC		AgL
LC	Dry Lake (EDW)	34°38'02"/110°23'40"	EDW				A&Wedw		PBC				
LC	Ducksnest Lake	34°59'14"/111°23'57"			A&Ww			FBC			FC		AgL
LC	East Clear Creek	Headwaters to confluence with Clear Creek		A&Wc				FBC			FC	AgL	AgL
LC	Ellis Wiltbank Reservoir	34°05'25"/109°28'25"	Igneous		A&Ww			FBC			FC	AgL	AgL
LC	Estates at Pine Canyon lakes (EDW)	35°09'32"/111°38'26"	EDW				A&Wedw		PBC				
LC	Fish Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Fool's Hollow Lake	34°16'30"/110°03'43"	Igneous	A&Wc				FBC			FC		AgL
LC	General Springs Canyon Creek	Headwaters to confluence with East Clear Creek		A&Wc				FBC			FC		AgL
LC	Geneva Reservoir	34°01'45"/109°31'46"	Igneous		A&Ww			FBC			FC		AgL
LC	Hall Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgL	AgL
LC	Hart Canyon Creek	Headwaters to confluence with Willow Creek		A&Wc				FBC			FC		AgL
LC	Hay Lake	34°00'11"/109°25'57"	Igneous	A&Wc				FBC			FC		AgL
LC	Hog Wallow Lake	33°58'57"/109°25'39"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Horse Lake	35°03'55"/111°27'50"			A&Ww			FBC			FC		AgL
LC	Hulsey Creek	Headwaters to confluence with Nutrioso Creek		A&Wc				FBC			FC		AgL
LC	Hulsey Lake	33°55'58"/109°09'40"	Sedimentary	A&Wc				FBC			FC		AgL
LC	Indian Lake	35°00'39"/111°22'41"			A&Ww			FBC			FC		AgL
LC	Jacks Canyon Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgL	AgL
LC	Jarvis Lake	33°58'59"/109°12'36"	Sedimentary		A&Ww			FBC			FC		AgL

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LC	Kinnikinnick Lake	34°53'53"/111°18'18"	Igneous	A&Wc				FBC			FC		AgL
LC	Knoll Lake	34°25'38"/111°05'13"	Sedimentary	A&Wc				FBC			FC		AgL
LC	Lake Humphreys (EDW)	35°11'51"/111°35'19"	EDW				A&Wedw		PBC				
LC	Lake Mary, Lower	35°06'21"/111°34'38"	Igneous	A&Wc				FBC		DWS	FC		AgL
LC	Lake Mary, Upper	35°03'23"/111°28'34"	Igneous	A&Wc				FBC		DWS	FC		AgL
LC	Lake of the Woods	34°09'40"/109°58'47"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Lee Valley Creek (OAW)	Headwaters to Lee Valley Reservoir		A&Wc				FBC			FC		
LC	Lee Valley Creek	From Lee Valley Reservoir to confluence with the East Fork of the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Lee Valley Reservoir	33°56'29"/109°30'04"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Leonard Canyon Creek	Headwaters to confluence with Clear Creek		A&Wc				FBC			FC		AgL
LC	Leonard Canyon Creek, East Fork	Headwaters to confluence with Leonard Canyon Creek		A&Wc				FBC			FC		AgL
LC	Leonard Canyon Creek, Middle Fork	Headwaters to confluence with Leonard Canyon, West Fork		A&Wc				FBC			FC		AgL
LC	Leonard Canyon Creek, West Fork	Headwaters to confluence with Leonard Canyon, East Fork		A&Wc				FBC			FC		AgL
LC	Lily Creek	Headwaters to confluence with Coyote Creek		A&Wc				FBC			FC		AgL
LC	Little Colorado River	Headwaters to Lyman Reservoir		A&Wc				FBC			FC	AgI	AgL
LC	Little Colorado River	Below Lyman Reservoir to confluence with the Puerco River		A&Wc				FBC		DWS	FC	AgI	AgL
LC	Little Colorado River	Below Puerco River confluence to the Colorado River, excluding segments on Native American Lands			A&Ww			FBC		DWS	FC	AgI	AgL
LC	Little Colorado River, East Fork	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Little Colorado River, South Fork	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Little Colorado River, West Fork (OAW)	Headwaters to Government Springs		A&Wc				FBC			FC		
LC	Little Colorado River, West Fork	Below Government Springs to confluence with the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Little George Reservoir	34°00'37"/109°19'15"	Igneous		A&Ww			FBC			FC	AgI	
LC	Little Mormon Lake	34°17'00"/109°58'06"	Igneous		A&Ww			FBC			FC	AgI	AgL
LC	Little Ortega Lake	34°22'47"/109°40'06"	Igneous	A&Wc				FBC			FC		
LC	Long Lake, Lower	34°47'16"/111°12'40"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Long Lake, Upper	35°00'08"/111°21'23"	Igneous	A&Wc				FBC			FC		AgL
LC	Long Tom Tank	34°20'35"/110°49'22"		A&Wc				FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

LC	Lower Walnut Canyon Lake (EDW)	35°12'04"/111°34'07"	EDW				A&Wed w		PBC				
LC	Lyman Reservoir	34°21'21"/109°21'35"	Deep	A&Wc				FBC			FC	AgI	AgL
LC	Mamie Creek	Headwaters to confluence with Coyote Creek		A&Wc				FBC			FC		AgL
LC	Marshall Lake	35°07'18"/111°32'07"	Igneous	A&Wc				FBC			FC		AgL
LC	McKay Reservoir	34°01'27"/109°13'48"		A&Wc				FBC			FC	AgI	AgL
LC	Merritt Draw Creek	Headwaters to confluence with Barbershop Canyon Creek		A&Wc				FBC			FC		AgL
LC	Mexican Hay Lake	34°01'58"/109°21'25"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Milk Creek	Headwaters to confluence with Hulsey Creek		A&Wc				FBC			FC		AgL
LC	Miller Canyon Creek	Headwaters to confluence with East Clear Creek		A&Wc				FBC			FC		AgL
LC	Miller Canyon Creek, East Fork	Headwaters to confluence with Miller Canyon Creek		A&Wc				FBC			FC		AgL
LC	Mineral Creek	Headwaters to Little Ortega Lake		A&Wc				FBC			FC	AgI	AgL
LC	Mormon Lake	34°56'38"/111°27'25"	Shallow	A&Wc				FBC		DWS	FC	AgI	AgL
LC	Morton Lake	34°53'37"/111°17'41"	Igneous	A&Wc				FBC			FC		AgL
LC	Mud Lake	34°55'19"/111°21'29"	Shallow		A&Ww			FBC			FC		AgL
LC	Ned Lake (EDW)	34°17'17"/110°03'22"	EDW				A&Wed w		PBC				
LC	Nelson Reservoir	34°02'52"/109°11'19"	Sedimentary	A&Wc				FBC			FC	AgI	AgL
LC	Norton Reservoir	34°03'57"/109°31'27"	Igneous		A&Ww			FBC			FC		AgL
LC	Nutrios Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgI	AgL
LC	Paddy Creek	Headwaters to confluence with Nutrios Creek		A&Wc				FBC			FC		AgL
LC	Phoenix Park Wash	Headwaters to Dry Lake				A&We			PBC				
LC	Pierce Seep	34°23'39"/110°31'17"		A&Wc					PBC				
LC	Pine Tank	34°46'49"/111°17'21"	Igneous		A&Ww			FBC			FC		AgL
LC	Pintail Lake (EDW)	34°18'05"/110°01'21"	EDW				A&Wed w		PBC				
LC	Porter Creek	Headwaters to confluence with Show Low Creek		A&Wc				FBC			FC		AgL
LC	Potato Lake	35°03'15"/111°24'13"	Igneous	A&Wc				FBC			FC		AgL
LC	Pratt Lake	34°01'32"/109°04'18"	Sedimentary	A&Wc				FBC			FC		
LC	Puerco River	Headwaters to confluence with the Little Colorado River			A&Ww			FBC		DWS	FC	AgI	AgL
LC	Puerco River (EDW)	Sanders Unified School District WWTP outfall at 35°12'52"/109°19'40" to 0.5 km downstream					A&Wed w		PBC				
LC	Rainbow Lake	34°09'00"/109°59'09"	Shallow Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Reagan Reservoir	34°02'09"/109°08'41"	Igneous		A&Ww			FBC			FC		AgL
LC	Rio de Flag	Headwaters to City of Flagstaff WWTP outfall at 35°12'21"/111°39'17"				A&We			PBC				
LC	Rio de Flag (EDW)	From City of Flagstaff WWTP outfall to the confluence with San Francisco Wash					A&Wed w		PBC				
LC	River Reservoir	34°02'01"/109°26'07"	Igneous	A&Wc				FBC			FC	AgI	AgL
LC	Rogers Reservoir	33°56'30"/109°16'20"	Igneous		A&Ww			FBC			FC		AgL



## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

LC	Rudd Creek	Headwaters to confluence with Nutrioso Creek		A&Wc				FBC			FC		AgL
LC	Russel Reservoir	33°59'29"/109°20'01"	Igneous		A&Ww			FBC			FC	AgL	AgL
LC	San Salvador Reservoir	33°58'51"/109°19'55"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Scott Reservoir	34°10'31"/109°57'31"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Show Low Creek	Headwaters to confluence with Silver Creek		A&Wc				FBC			FC	AgL	AgL
LC	Show Low Lake	34°11'36"/110°00'12"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Silver Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgL	AgL
LC	Slade Reservoir	33°59'41"/109°20'26"	Igneous		A&Ww			FBC			FC	AgL	AgL
LC	Soldiers Annex Lake	34°47'15"/111°13'51"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Soldiers Lake	34°47'47"/111°14'04"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Spaulding Tank	34°30'17"/111°02'06"			A&Ww			FBC			FC		AgL
LC	Sponseller Lake	34°14'09"/109°50'45"	Igneous	A&Wc				FBC			FC		AgL
LC	St Johns Reservoir (Little Reservoir)	34°29'10"/109°22'06"	Igneous		A&Ww			FBC			FC	AgL	AgL
LC	Telephone Lake (EDW)	34°17'35"/110°02'42"	EDW				A&Wed w		PBC				
LC	Tremaine Lake	34°46'02"/111°13'51"	Igneous	A&Wc				FBC			FC		AgL
LC	Tunnel Reservoir	34°01'53"/109°26'34"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Turkey Draw (EDW)	High Country Pines II WWTP outfall at 33°25'35"/ 110°38'13" to confluence with Black Canyon Creek					A&Wed w		PBC				
LC	Unnamed Wash (EDW)	Bison Ranch WWTP outfall at 34°23'31"/110°31'29" to Pierce Seep					A&Wed w		PBC				
LC	Unnamed Wash (EDW)	Black Mesa Ranger Station WWTP outfall at 34°23'35"/110°33'36" to confluence of Oklahoma Flat Draw					A&Wed w		PBC				
LC	Vail Lake	35°05'23"/111°30'46"	Igneous	A&Wc				FBC			FC		AgL
LC	Walnut Creek	Headwaters to confluence with Billy Creek		A&Wc				FBC			FC		AgL
LC	Water Canyon Creek	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC		AgL
LC	Water Canyon Reservoir	34°00'16"/109°20'05"	Igneous		A&Ww			FBC			FC	AgL	AgL
LC	Whale Lake (EDW)	35°11'13"/111°35'21"	EDW				A&Wed w		PBC				
LC	Whipple Lake	34°16'49"/109°58'29"	Igneous		A&Ww			FBC			FC		AgL
LC	White Mountain Lake	34°21'57"/109°59'21"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	White Mountain Reservoir	34°00'12"/109°30'39"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Willow Creek	Headwaters to confluence with Clear Creek		A&Wc				FBC			FC		AgL
LC	Willow Springs Canyon Creek	Headwaters to confluence with Chevelon Creek		A&Wc				FBC			FC		AgL
LC	Willow Springs Lake	34°18'13"/110°52'16"	Sedimentary	A&Wc				FBC			FC	AgL	AgL
LC	Woodland Reservoir	34°07'35"/109°57'01"	Igneous	A&Wc				FBC			FC	AgL	AgL
LC	Woods Canyon Creek	Headwaters to confluence with Chevelon Creek		A&Wc				FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

LC	Woods Canyon Lake	34°20'09"/110°56'45"	Sedi-mentary	A&Wc				FBC			FC	AgI	AgL
LC	Zuni River	Headwaters to confluence with the Little Colorado River		A&Wc				FBC			FC	AgI	AgL
MG	Agua Fria River	Headwaters to confluence with unnamed tributary at 34°35'14"/112°16'18"				A&We			PBC				AgL
MG	Agua Fria River (EDW)	Below confluence with unnamed tributary to State Route 169					A&Wedw		PBC				AgL
MG	Agua Fria River	From State Route 169 to Lake Pleasant			A&Ww			FBC		DWS	FC	AgI	AgL
MG	Agua Fria River	Below Lake Pleasant to the City of El Mirage WWTP at ' 33°34'20"/112°18'32"				A&We			PBC				AgL
MG	Agua Fria River (EDW)	From City of El Mirage WWTP outfall to 2 km downstream					A&Wedw		PBC				
MG	Agua Fria River	Below 2 km downstream of the City of El Mirage WWTP to City of Avondale WWTP outfall at 33°23'55"/112°21'16"				A&We			PBC				
MG	Agua Fria River	From City of Avondale WWTP outfall to confluence with Gila River					A&Wedw		PBC				
MG	Alvord Park Lake	35th Avenue & Baseline Road, Phoenix at 33°22'23"/ 112°08'20"	Urban		A&Ww				PBC		FC		
MG	Andorra Wash	Headwaters to confluence with Cave Creek Wash				A&We			PBC				
MG	Antelope Creek	Headwaters to confluence with Martinez Wash			A&Ww			FBC			FC		AgL
MG	Arlington Canal	From Gila River at 33°20'54"/112°35'39" to Gila River at 33°13'44"/112°46'15"											AgL
MG	Ash Creek	Headwaters to confluence with Tex Canyon		A&Wc				FBC			FC	AgI	AgL
MG	Ash Creek	Below confluence with Tex Canyon to confluence with Agua Fria River			A&Ww			FBC			FC	AgI	AgL
MG	Beehive Tank	32°52'37"/111°02'20"			A&Ww			FBC			FC		AgL
MG	Big Bug Creek	Headwaters to confluence with Eugene Gulch		A&Wc				FBC			FC	AgI	AgL
MG	Big Bug Creek	Below confluence with Eugene Gulch to confluence with Agua Fria River			A&Ww			FBC			FC	AgI	AgL
MG	Black Canyon Creek	Headwaters to confluence with the Agua Fria River			A&Ww			FBC			FC		AgL
MG	Blind Indian Creek	Headwaters to confluence with the Hassayampa River			A&Ww			FBC			FC		AgL
MG	Bonsall Park Lake	59th Avenue & Bethany Home Road, Phoenix at 33°31'24"/112°11'08"	Urban		A&Ww				PBC		FC		
MG	Canal Park Lake	College Avenue & Curry Road, Tempe at 33°26'54"/ 111°56'19"	Urban		A&Ww				PBC		FC		
MG	Cave Creek	Headwaters to the Cave Creek Dam			A&Ww			FBC			FC		AgL
MG	Cave Creek	Cave Creek Dam to the Arizona Canal				A&We			PBC				
MG	Centennial Wash	Headwaters to confluence with the Gila River at 33°16'32"/112°48'08"				A&We			PBC				AgL
MG	Centennial Wash Ponds	33°54'52"/113°23'47"			A&Ww			FBC			FC		AgL
MG	Chaparral Park Lake	Hayden Road & Chaparral Road, Scottsdale at 33°30'40"/111°54'27"	Urban		A&Ww				PBC		FC	AgI	
MG	Cortez Park Lake	35th Avenue & Dunlap, Glendale at 33°34'13"/ 112°07'52"	Urban		A&Ww				PBC		FC	AgI	
MG	Desert Breeze Lake	Galaxy Drive, West Chandler at 33°18'47"/ 111°55'10"	Urban		A&Ww				PBC		FC		
MG	Devils Canyon	Headwaters to confluence with Mineral Creek			A&Ww				FBC		FC		AgL
MG	Dobson Lake	Dobson Road & Los Lagos Vista Avenue, Mesa at 33°22'48"/111°52'35"	Urban		A&Ww				PBC		FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

MG	East Maricopa Floodway	From Brown and Greenfield Rds to the Gila River Indian Reservation Boundary			A&We				PBS				AgL
MG	Eldorado Park Lake	Miller Road & Oak Street, Tempe at 33°28'25"/111°54'53"	Urban		A&Ww				PBC		FC		
MG	Encanto Park Lake	15th Avenue & Encanto Blvd., Phoenix at 33°28'28"/112°05'18"	Urban		A&Ww				PBC		FC	AgL	
MG	Fain Lake	Town of Prescott Valley Park Lake 34°34'29"/112°21'06"	Urban		A&Ww				PBC		FC		
MG	French Gulch	Headwaters to confluence with Hassayampa River			A&Ww				PBC				AgL
MG	Galena Gulch	Headwaters to confluence with the Agua Fria River				A&We			PBC				AgL
MG	Galloway Wash (EDW)	Town of Cave Creek WWTP outfall at 33°50'15"/111°57'35" to confluence with Cave Creek					A&Wedw		PBC				
MG	Gila River	San Carlos Indian Reservation boundary to the Ashurst-Hayden Dam			A&Ww			FBC			FC	AgL	AgL
MG	Gila River	Ashurst-Hayden Dam to the Town of Florence WWTP outfall at 33°02'20"/111°24'19"				A&We			PBC				AgL
MG	Gila River (EDW)	Town of Florence WWTP outfall to Felix Road					A&Wedw		PBC				
MG	Gila River	Felix Road to the Gila River Indian Reservation boundary				A&We			PBC				AgL
MG	Gila River (EDW)	From the confluence with the Salt River to Gillespie Dam					A&Wedw		PBC		FC	AgL	AgL
MG	Gila River	Gillespie Dam to confluence with Painted Rock Dam			A&Ww			FBC			FC	AgL	AgL
MG	Granada Park Lake	6505 North 20th Street, Phoenix at 33°31'56"/112°02'16"	Urban		A&Ww				PBC		FC		
MG	Groom Creek	Headwaters to confluence with the Hassayampa River		A&Wc				FBC		DWS	FC		AgL
MG	Hassayampa Lake	34°25'45"/112°25'33"	Igneous	A&Wc				FBC		DWS	FC		
MG	Hassayampa River	Headwaters to confluence with Copper Creek		A&Wc				FBC			FC	AgL	AgL
MG	Hassayampa River	Below confluence with Copper Creek to the confluence with Blind Indian Creek.			A&Ww			FBC			FC	AgL	AgL
MG	Hassayampa River	Below confluence with Blind Indian Creek to the Buckeye Irrigation Company Canal				A&We			PBC				AgL
MG	Hassayampa River	Below Buckeye Irrigation Company canal to the Gila River			A&Ww			FBC			FC		AgL
MG	Horsethief Lake	34°09'42"/112°17'57"	Igneous	A&Wc				FBC		DWS	FC		AgL
MG	Indian Bend Wash	Headwaters to confluence with the Salt River				A&We			PBC				
MG	Indian Bend Wash Lakes	Scottsdale at 33°30'32"/111°54'24"	Urban		A&Ww				PBC		FC		
MG	Indian School Park Lake	Indian School Road & Hayden Road, Scottsdale at 33°29'39"/111°54'37"	Urban		A&Ww				PBC		FC		
MG	Kiwanis Park Lake	6000 South Mill Avenue, Tempe at 33°22'27"/111°56'22"	Urban		A&Ww				PBC		FC	AgL	
MG	Lake Pleasant	33°53'46"/112°16'29"	Deep		A&Ww			FBC		DWS	FC	AgL	AgL
MG	Lake Pleasant, Lower	33°50'32"/112°16'03"			A&Ww			FBC			FC	AgL	AgL
MG	Lion Canyon	Headwaters to confluence with Weaver Creek			A&Ww			FBC			FC		AgL
MG	Little Ash Creek	Headwaters to confluence with Ash Creek at			A&Ww			FBC			FC		AgL
MG	Lynx Creek	Headwaters to confluence with unnamed tributary at 34°34'29"/112°21'07"		A&Wc				FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

MG	Lynx Creek	Below confluence with unnamed tributary at 34°34'29"/112°21'07" to confluence with Agua Fria River			A&Ww			FBC			FC		AgL
MG	Lynx Lake	34°31'07"/112°23'07"	Deep	A&Wc				FBC		DWS	FC	AgI	AgL
MG	Maricopa Park Lake	33°35'28"/112°18'15"	Urban		A&Ww				PBC		FC		
MG	Martinez Canyon	Headwaters to confluence with Box Canyon			A&Ww			FBC			FC		AgL
MG	Martinez Wash	Headwaters to confluence with the Hassayampa River			A&Ww			FBC			FC	AgI	AgL
MG	McKellips Park Lake	Miller Road & McKellips Road, Scottsdale at 33°27'14"/111°54'49"	Urban		A&Ww				PBC		FC	AgI	
MG	McMicken Wash (EDW)	City of Peoria Jomax WWTP outfall at 33°43'31"/112°20'15" to confluence with Agua Fria River					A&Wedw		PBC				
MG	Mineral Creek	Headwaters to 33°12'34"/110°59'58"			A&Ww			FBC			FC		AgL
MG	Mineral Creek (diversion tunnel and lined channel)	33°12'24"/110°59'58" to 33°07'56"/110°58'34"						PBC					
MG	Mineral Creek	End of diversion channel to confluence with Gila River			A&Ww			FBC			FC		AgL
MG	Minnehaha Creek	Headwaters to confluence with the Hassayampa River			A&Ww			FBC			FC		AgL
MG	New River	Headwaters to Interstate 17 at 33°54'19.5"/112°08'46"			A&Ww			FBC			FC	AgI	AgL
MG	New River	Below Interstate 17 to confluence with Agua Fria River				A&We			PBC				AgL
MG	Painted Rock Reservoir	33°04'23"/113°00'38"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
MG	Papago Park Ponds	Galvin Parkway, Phoenix at 33°27'15"/111°56'45"	Urban		A&Ww				PBC		FC		
MG	Papago Park South Pond	Curry Road, Tempe 33°26'22"/111°55'55"	Urban		A&Ww				PBC		FC		
MG	Perry Mesa Tank	34°11'03"/112°02'01"			A&Ww			FBC			FC		AgL
MG	Phoenix Area Canals	Granite Reef Dam to all municipal WTP intakes								DWS		AgI	AgL
MG	Phoenix Area Canals	Below municipal WTP intakes and all other locations										AgI	AgL
MG	Picacho Reservoir	32°51'10"/111°28'25"	Shallow		A&Ww			FBC			FC	AgI	AgL
MG	Poland Creek	Headwaters to confluence with Lorena Gulch		A&Wc				FBC			FC		AgL
MG	Poland Creek	Below confluence with Lorena Gulch to confluence with Black Canyon Creek			A&Ww			FBC			FC		AgL
MG	Queen Creek	Headwaters to the Town of Superior WWTP outfall at 33°16'33"/111°07'44"			A&Ww				PBC		FC		AgL
MG	Queen Creek (EDW)	Below Town of Superior WWTP outfall to confluence with Potts Canyon					A&Wedw		PBC				
MG	Queen Creek	Below Potts Canyon to 'Whitlow Dam			A&Ww			FBC			FC		AgL
MG	Queen Creek	Below Whitlow Dam to confluence with Gila River				A&We			PBC				
MG	Riverview Park Lake	Dobson Road & 8th Street, Mesa at 33°25'50"/111°52'29"	Urban		A&Ww				PBC		FC		
MG	Roadrunner Park Lake	36th Street & Cactus, Phoenix at 33°35'56"/112°00'21"	Urban		A&Ww				PBC		FC		
MG	Salt River	Verde River to 2 km below Granite Reef Dam			A&Ww			FBC		DWS	FC	AgI	AgL
MG	Salt River	2 km below Granite Reef Dam to City of Mesa NW WRF outfall at 33°26'22"/111°53'14"				A&We			PBC				

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

MG	Salt River (EDW)	City of Mesa NW WRF outfall to Tempe Town Lake					A&Wed w		PBC				
MG	Salt River	Below Tempe Town Lake to Interstate 10 bridge					A&We		PBC				
MG	Salt River	Below Interstate 10 bridge to the City of Phoenix 23rd Avenue WWTP outfall at 33°24'44"/112°07'59"				A&Ww			PBC		FC		
MG	Salt River (EDW)	From City of Phoenix 23rd Avenue WWTP outfall to confluence with Gila River					A&Wed w		PBC		FC	AgI	AgL
MG	Siphon Draw (EDW)	Superstition Mountains CFD WWTP outfall at 33°21'40"/111°33'30" to 6 km downstream					A&Wed w		PBC				
MG	Sycamore Creek	Headwaters to confluence with Tank Canyon			A&Wc				FBC		FC		AgL
MG	Sycamore Creek	Below confluence with Tank Canyon to confluence with Agua Fria River				A&Ww			FBC		FC		AgL
MG	Tempe Town Lake	At Mill Avenue Bridge at 33°26'00"/111°56'26"	Urban			A&Ww			FBC		FC		
MG	The Lake Tank	32°54'14"/111°04'15"				A&Ww			FBC		FC		AgL
MG	Tule Creek	Headwaters to confluence with the Agua Fria River				A&Ww			FBC		FC		AgL
MG	Turkey Creek	Headwaters to confluence with unnamed tributary at 34°19'28"/112°21'33"			A&Wc				FBC		FC	AgI	AgL
MG	Turkey Creek	Below confluence with unnamed tributary to confluence with Poland Creek				A&Ww			FBC		FC	AgI	AgL
MG	Unnamed Wash (EDW)	Gila Bend WWTP outfall to confluence with the Gila River					A&Wed w		PBC				
MG	Unnamed Wash (EDW)	Luke Air Force Base WWTP outfall at 33°32'21"/112°19'15" to confluence with the Agua Fria River					A&Wed w		PBC				
MG	Unnamed Wash (EDW)	North Florence WWTP outfall at 33°03'50"/111°23'13" to confluence with Gila River					A&Wed w		PBC				
MG	Unnamed Wash (EDW)	Town of Prescott Valley WWTP outfall at 34°35'16"/112°16'18" to confluence with the Agua Fria River					A&Wed w		PBC				
MG	Unnamed Wash (EDW)	Town of Cave Creek WRF outfall at 33°48'02"/111°59'22" to confluence with Cave Creek					A&Wed w		PBC				
MG	Wagner Wash (EDW)	City of Buckeye Festival Ranch WRF outfall at 33°39'14"/112°40'18" to 2 km downstream					A&Wed w		PBC				
MG	Walnut Canyon Creek	Headwaters to confluence with the Gila River				A&Ww			FBC		FC		AgL
MG	Weaver Creek	Headwaters to confluence with Antelope Creek, tributary to Martinez Wash				A&Ww			FBC		FC		AgL
MG	White Canyon Creek	Headwaters to confluence with Walnut Canyon Creek				A&Ww			FBC		FC		AgL
MG	Yavapai Lake (EDW)	Town of Prescott Valley WWTP outfall 002 at 34°36'07"/112°18'48" to Navajo Wash	EDW				A&Wed w		PBC				
SC	Agua Caliente Lake	12325 East Roger Road, Tucson 32°16'51"/110°43'52"	Urban			A&Ww			PBC		FC		
SC	Agua Caliente Wash	Headwaters to confluence with Soldier Trail				A&Ww			FBC		FC		AgL
SC	Agua Caliente Wash	Below Soldier Trail to confluence with Tanque Verde Creek					A&We		PBC				AgL
SC	Aguirre Wash	From the Tohono O'odham Indian Reservation boundary to 32°28'38"/111°46'51"					A&We		PBC				
SC	Alambre Wash	Headwaters to confluence with Brawley Wash					A&We		PBC				
SC	Alamo Wash	Headwaters to confluence with Rillito Creek					A&We		PBC				
SC	Altar Wash	Headwaters to confluence with Brawley Wash					A&We		PBC				

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SC	Alum Gulch	Headwaters to 31°28'20"/110°43'51"				A&We			PBC				AgL
SC	Alum Gulch	From 31°28'20"/110°43'51" to 31°29'17"/110°44'25"			A&Ww			FBC			FC		AgL
SC	Alum Gulch	Below 31°29'17"/110°44'25" to confluence with Sonoita Creek				A&We			PBC				AgL
SC	Arivaca Creek	Headwaters to confluence with Altar Wash			A&Ww			FBC			FC		AgL
SC	Arivaca Lake	31°31'52"/111°15'06"	Igneous		A&Ww			FBC			FC	AgL	AgL
SC	Atterbury Wash	Headwaters to confluence with Pantano Wash				A&We			PBC				AgL
SC	Bear Grass Tank	31°33'01"/111°11'03"			A&Ww			FBC			FC		AgL
SC	Big Wash	Headwaters to confluence with Cañada del Oro				A&We			PBC				
SC	Black Wash (EDW)	Pima County WWMD Avra Valley WWTP outfall at 32°09'58"/111°11'17" to confluence with Brawley Wash					A&Wedw		PBC				
SC	Bog Hole Tank	31°28'36"/110°37'09"			A&Ww			FBC			FC		AgL
SC	Brawley Wash	Headwaters to confluence with Los Robles Wash				A&We			PBC				
SC	California Gulch	Headwaters To U.S./Mexico border			A&Ww			FBC			FC		AgL
SC	Cañada del Oro	Headwaters to State Route 77			A&Ww			FBC			FC	AgL	AgL
SC	Cañada del Oro	Below State Route 77 to confluence with the Santa Cruz River				A&We			PBC				AgL
SC	Cienega Creek	Headwaters to confluence with Gardner Canyon			A&Ww			FBC			FC		AgL
SC	Cienega Creek (OAW)	From confluence with Gardner Canyon to USGS gaging station (#09484600)			A&Ww			FBC			FC		AgL
SC	Davidson Canyon	Headwaters to unnamed spring at 31°59'00"/110°38'49"				A&We			PBC				AgL
SC	Davidson Canyon (OAW)	From unnamed Spring to confluence with unnamed tributary at 31°59'09"/110°38'44"			A&Ww			FBC			FC		AgL
SC	Davidson Canyon (OAW)	Below confluence with unnamed tributary to unnamed spring at 32°00'40"/110°38'36"				A&We			PBC				AgL
SC	Davidson Canyon (OAW)	From unnamed spring to confluence with Cienega Creek			A&Ww			FBC			FC		AgL
SC	Empire Gulch	Headwaters to unnamed spring at 31°47'18"/110°38'17"				A&We			PBC				
SC	Empire Gulch	From 31°47'18"/110°38'17" to 31°47'03"/110°37'35"			A&Ww			FBC			FC		
SC	Empire Gulch	From 31°47'03"/110°37'35" to 31°47'05"/110°36'58"				A&We			PBC				AgL
SC	Empire Gulch	From 31°47'05"/110°36'58" to confluence with Cienega Creek			A&Ww			FBC			FC		
SC	Flux Canyon	Headwaters to confluence with Alum Gulch				A&We			PBC				AgL
SC	Gardner Canyon Creek	Headwaters to confluence with Sawmill Canyon		A&Wc				FBC			FC		
SC	Gardner Canyon Creek	Below Sawmill Canyon to confluence with Cienega Creek			A&Ww			FBC			FC		
SC	Greene Wash	Santa Cruz River to the Tohono O'odham Indian Reservation boundary				A&We			PBC				
SC	Greene Wash	Tohono O'odham Indian Reservation boundary to confluence with Santa Rosa Wash at 32°53'52"/111°56'48"				A&We			PBC				
SC	Harshaw Creek	Headwaters to confluence with Sonoita Creek at				A&We			PBC				AgL
SC	Hit Tank	32°43'57"/111°03'18"			A&Ww			FBC			FC		AgL
SC	Holden Canyon Creek	Headwaters to U.S./Mexico border			A&Ww			FBC			FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SC	Huachuca Tank	31°21'11"/110°30'18"			A&Ww			FBC			FC		AgL
SC	Julian Wash	Headwaters to confluence with the Santa Cruz River				A&We			PBC				
SC	Kennedy Lake	Mission Road & Ajo Road, Tucson at 32°10'49"/111°00'27"	Urban		A&Ww				PBC		FC		
SC	Lakeside Lake	8300 East Stella Road, Tucson at 32°11'11"/110°49'00"	Urban		A&Ww				PBC		FC		
SC	Lemmon Canyon Creek	Headwaters to confluence with unnamed tributary at 32°23'48"/110°47'49"		A&Wc				FBC			FC		
SC	Lemmon Canyon Creek	Below unnamed tributary at 32°23'48"/110°47'49" to confluence with Sabino Canyon Creek			A&Ww			FBC			FC		
SC	Los Robles Wash	Headwaters to confluence with the Santa Cruz River				A&We			PBC				
SC	Madera Canyon Creek	Headwaters to confluence with unnamed tributary at 31°43'42"/110°52'51"		A&Wc				FBC			FC		AgL
SC	Madera Canyon Creek	Below unnamed tributary at 31°43'42"/110°52'51" to confluence with the Santa Cruz River			A&Ww			FBC			FC		AgL
SC	Mattie Canyon	Headwaters to confluence with Cienega Creek			A&Ww			FBC			FC		AgL
SC	Nogales Wash	Headwaters to confluence with Potrero Creek			A&Ww				PBC		FC		
SC	Oak Tree Canyon	Headwaters to confluence with Cienega Creek				A&We			PBC				
SC	Palisade Canyon	Headwaters to confluence with unnamed tributary at 32°22'33"/110°45'31"		A&Wc				FBC			FC		
SC	Palisade Canyon	Below 32°22'33"/110°45'31" to unnamed tributary of Sabino Canyon			A&Ww			FBC			FC		
SC	Pantano Wash	Headwaters to confluence with Tanque Verde Creek				A&We			PBC				
SC	Parker Canyon Creek	Headwaters to confluence with unnamed tributary at 31°24'17"/110°28'47"	A&Wc					FBC			FC		
SC	Parker Canyon Creek	Below unnamed tributary to U.S./Mexico border			A&Ww			FBC			FC		
SC	Parker Canyon Lake	31°25'35"/110°27'15"	Deep	A&Wc				FBC			FC	AgL	AgL
SC	Patagonia Lake	31°29'56"/110°50'49"	Deep		A&Ww			FBC			FC	AgL	AgL
SC	Peña Blanca Lake	31°24'15"/111°05'12"	Igneous		A&Ww			FBC			FC	AgL	AgL
SC	Potrero Creek	Headwaters to Interstate 19				A&We			PBC				AgL
SC	Potrero Creek	Below Interstate 19 to confluence with Santa Cruz River			A&Ww			FBC			FC		AgL
SC	Puertocito Wash	Headwaters to confluence with Altar Wash				A&We			PBC				
SC	Quitobaquito Spring	(Pond and Springs) 31°56'39"/113°01'06"			A&Ww			FBC			FC		AgL
SC	Redrock Canyon Creek	Headwaters to confluence with Harshaw Creek			A&Ww			FBC			FC		
SC	Rillito Creek	Headwaters to confluence with the Santa Cruz River				A&We			PBC				AgL
SC	Romero Canyon Creek	Headwaters to confluence with unnamed tributary at 32°24'29"/110°50'39"		A&Wc				FBC			FC		
SC	Romero Canyon Creek	Below unnamed tributary to confluence with Sutherland Wash			A&Ww			FBC			FC		
SC	Rose Canyon Creek	Headwaters to confluence with Sycamore Canyon		A&Wc				FBC			FC		
SC	Rose Canyon Lake	32°23'13"/110°42'38"	Igneous	A&Wc				FBC			FC		AgL
SC	Ruby Lakes	31°26'29"/111°14'22"	Igneous		A&Ww			FBC			FC		AgL
SC	Sabino Canyon	Headwaters to 32°23'20"/110°47'06"		A&Wc				FBC		DWS	FC	AgL	

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SC	Sabino Canyon	Below 32°23'20"/110°47'06" to confluence with Tanque Verde River			A&Ww			FBC		DWS	FC	AgI	
SC	Salero Ranch Tank	31°35'43"/110°53'25"			A&Ww			FBC			FC		AgL
SC	Santa Cruz River	Headwaters to the at U.S./Mexico border			A&Ww			FBC			FC	AgI	AgL
SC	Santa Cruz River	U.S./Mexico border to the Nogales International WWTP outfall at 31°27'25"/110°58'04"			A&Ww			FBC		DWS	FC	AgI	AgL
SC	Santa Cruz River (EDW)	Nogales International WWTP outfall to the Josephine Canyon				A&Wedw		PBC					AgL
SC	Santa Cruz River	Josephine Canyon to Agua Nueva WRF outfall at 32°17'04"/111°01'45"				A&We		PBC					AgL
SC	Santa Cruz River (EDW)	Agua Nueva WRF outfall to Baumgartner Road					A&Wedw	PBC					
SC	Santa Cruz River, West Branch	Headwaters to the confluence with Santa Cruz River				A&We		PBC					AgL
SC	Santa Cruz River	Baumgartner Road to the Ak Chin Indian Reservation boundary				A&We		PBC					AgL
SC	Santa Cruz Wash, North Branch	Headwaters to City of Casa Grande WRF outfall at 32°54'57"/111°47'13"				A&We		PBC					
SC	Santa Cruz Wash, North Branch (EDW)	City of Casa Grande WRF outfall to 1 km downstream					A&Wedw	PBC					
SC	Santa Rosa Wash	Below Tohono O'odham Indian Reservation to the Ak Chin Indian Reservation				A&We		PBC					
SC	Santa Rosa Wash (EDW)	Palo Verde Utilities CO-WRF outfall at 33°04'20"/112°01'47" to the Chin Indian Reservation					A&Wedw	PBC					
SC	Soldier Tank	32°25'34"/110°44'43"		A&Wc				FBC			FC		AgL
SC	Sonoita Creek	Headwaters to the Town of Patagonia WWTP outfall at 31°32'25"/110°45'31"				A&We		PBC					AgL
SC	Sonoita Creek (EDW)	Town of Patagonia WWTP outfall to permanent groundwater upwelling point approximately 1600 feet downstream of outfall					A&Wedw	PBC					AgL
SC	Sonoita Creek	Below 1600 feet downstream of Town of Patagonia WWTP outfall groundwater upwelling point to confluence with the Santa Cruz River			A&Ww			FBC			FC	AgI	AgL
SC	Split Tank	31°28'11"/111°05'12"			A&Ww			FBC			FC		AgL
SC	Sutherland Wash	Headwaters to confluence with Cañada del Oro			A&Ww			FBC			FC		
SC	Sycamore Canyon	Headwaters to 32°21'60" / 110°44'48"		A&Wc				FBC			FC		
SC	Sycamore Canyon	From 32°21'60" / 110°44'48" to Sycamore Reservoir			A&Ww			FBC			FC		
SC	Sycamore Canyon	Headwaters to the U.S./Mexico border			A&Ww			FBC			FC		AgL
SC	Sycamore Reservoir	32°20'57"/110°47'38"		A&Wc				FBC			FC		AgL
SC	Tanque Verde Creek	Headwaters to Houghton Road			A&Ww			FBC			FC		AgL
SC	Tanque Verde Creek	Below Houghton Road to confluence with Rillito Creek				A&We		PBC					AgL
SC	Three R Canyon	Headwaters to Unnamed Trib to Three R Canyon at 31°28'26"/110°46'04"				A&We		PBC					AgL
SC	Three R Canyon	From 31°28'26"/110°46'04" to 31°28'28"/110°47'15" (Cox Gulch)			A&Ww			FBC			FC		AgL
SC	Three R Canyon	From (Cox Gulch) 31°28'28"/110°47'15" to confluence with Sonoita Creek				A&We		PBC					AgL



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SC	Tinaja Wash	Headwaters to confluence with the Santa Cruz River				A&We			PBC				AgL
SC	Unnamed Wash (EDW)	Oracle Sanitary District WWTP outfall at 32°36'54"/110°48'02" to 5 km downstream					A&Wed w		PBC				
SC	Unnamed Wash (EDW)	Arizona City Sanitary District WWTP outfall at 32°45'43"/111°44'24" to confluence with Santa Cruz Wash					A&Wed w		PBC				
SC	Unnamed Wash (EDW)	Saddlebrook WWTP outfall at 32°32'00"/110°53'01" to confluence with Cañada del Oro					A&Wed w		PBC				
SC	Vekol Wash	Headwater to Santa Cruz Wash: Those reaches not located on the Ak-Chin, Tohono O'odham and Gila River Indian Reservations				A&We			PBC				
SC	Wakefield Canyon	Headwaters to confluence with unnamed tributary at 31°52'48"/110°26'27"		A&Wc				FBC			FC		AgL
SC	Wakefield Canyon	Below confluence with unnamed tributary to confluence with Cienega Creek			A&Ww			FBC			FC		AgL
SC	Wild Burro Canyon	Headwaters to confluence with unnamed tributary at 32°27'43"/111°05'47"			A&Ww			FBC			FC		AgL
SC	Wild Burro Canyon	Below confluence with unnamed tributary to confluence with Santa Cruz River				A&We			PBC				AgL
SP	Abbot Canyon	Headwaters to confluence with Whitewater Draw			A&Ww			FBC			FC		AgL
SP	Aravaipa Creek	Headwaters to confluence with Stowe Gulch			A&Ww			FBC			FC		AgL
SP	Aravaipa Creek (OAW)	Stowe Gulch to downstream boundary of Aravaipa Canyon Wilderness Area			A&Ww			FBC			FC		AgL
SP	Aravaipa Creek	Below downstream boundary of Aravaipa Canyon Wilderness Area to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Ash Creek	Headwaters to 31°50'28"/109°40'04"			A&Ww			FBC			FC	AgL	AgL
SP	Babocomari River	Headwaters to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Bass Canyon Creek	Headwaters to confluence with unnamed tributary at 32°26'06"/110°13'22"		A&Wc				FBC			FC		AgL
SP	Bass Canyon Creek	Below confluence with unnamed tributary to confluence with Hot Springs Canyon Creek			A&Ww			FBC			FC		AgL
SP	Bass Canyon Tank	32°24'00"/110°13'00"			A&Ww			FBC			FC		AgL
SP	Bear Creek	Headwaters to U.S./Mexico border			A&Ww			FBC			FC		AgL
SP	Big Creek	Headwaters to confluence with Pitchfork Canyon		A&Wc				FBC			FC		AgL
SP	Blacktail Pond	Fort Huachuca Military Reservation at 31°31'04"/110°24'47", headwater lake in Blacktail Canyon			A&Ww			FBC			FC		
SP	Black Draw	Headwaters to the U.S./Mexico border			A&Ww			FBC			FC		AgL
SP	Booger Canyon	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Buck Canyon	Headwaters to confluence with Buck Creek Tank			A&Ww			FBC			FC		AgL
SP	Buck Canyon	Below Buck Creek Tank to confluence with Dry Creek				A&We			PBC				AgL
SP	Buehman Canyon Creek (OAW)	Headwaters to confluence with unnamed tributary at 32°24'54"/110°32'10"			A&Ww			FBC			FC		AgL
SP	Buehman Canyon Creek	Below confluence with unnamed tributary to confluence with San Pedro River			A&Ww			FBC			FC		AgL
SP	Bull Tank	32°31'13"/110°12'52"			A&Ww			FBC			FC		AgL
SP	Bullock Canyon	Headwaters to confluence with Buehman Canyon			A&Ww			FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SP	Carr Canyon Creek	Headwaters to confluence with unnamed tributary at 31°27'01"/110°15'48"		A&Wc				FBC			FC		AgL
SP	Carr Canyon Creek	Below confluence with unnamed tributary to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Copper Creek	Headwaters to confluence with Prospect Canyon			A&Ww			FBC			FC		AgL
SP	Copper Creek	Below confluence with Prospect Canyon to confluence with the San Pedro River				A&We			PBC				AgL
SP	Deer Creek	Headwaters to confluence with unnamed tributary at 32°59'57"/110°20'11"		A&Wc				FBC			FC		AgL
SP	Deer Creek	Below confluence with unnamed tributary to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Dixie Canyon	Headwaters to confluence with Mexican Canyon			A&Ww			FBC			FC		AgL
SP	Double R Canyon Creek	Headwaters to confluence with Bass Canyon			A&Ww			FBC			FC		
SP	Dry Canyon	Headwaters to confluence with Whitewater draw			A&Ww			FBC			FC		AgL
SP	East Gravel Pit Pond	Fort Huachuca Military Reservation at 31°30'54"/ 110°19'44"	Sedimentary		A&Ww			FBC			FC		
SP	Espiritu Canyon Creek	Headwaters to confluence with Soza Wash			A&Ww			FBC			FC		AgL
SP	Fly Pond	Fort Huachuca Military Reservation at 31°32'53"/ 110°21'16"			A&Ww			FBC			FC		
SP	Fourmile Creek	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Fourmile Canyon, Left Prong	Headwaters to confluence with unnamed tributary at 32°43'15"/110°23'46"		A&Wc				FBC			FC		AgL
SP	Fourmile Canyon, Left Prong	Below confluence with unnamed tributary to confluence with Fourmile Canyon Creek			A&Ww			FBC			FC		AgL
SP	Fourmile Canyon, Right Prong	Headwaters to confluence with Fourmile Canyon			A&Ww			FBC			FC		AgL
SP	Gadwell Canyon	Headwaters to confluence with Whitewater Draw			A&Ww			FBC			FC		AgL
SP	Garden Canyon Creek	Headwaters to confluence with unnamed tributary at 31°29'01"/110°19'44"		A&Wc				FBC		DWS	FC	AgL	
SP	Garden Canyon Creek	Below confluence with unnamed tributary to confluence with the San Pedro River			A&Ww			FBC		DWS	FC	AgL	
SP	Glance Creek	Headwaters to confluence with Whitewater Draw			A&Ww			FBC			FC		AgL
SP	Gold Gulch	Headwaters to U.S./Mexico border			A&Ww			FBC			FC		AgL
SP	Goudy Canyon Wash	Headwaters to confluence with Grant Creek		A&Wc				FBC			FC		AgL
SP	Grant Creek	Headwaters to confluence with unnamed tributary at 32°38'10"/109°56'37"		A&Wc				FBC		DWS	FC		AgL
SP	Grant Creek	Below confluence with unnamed tributary to terminus near Willcox Playa			A&Ww			FBC			FC		AgL
SP	Gravel Pit Pond	Fort Huachuca Military Reservation at 31°30'52"/ 110°19'49"	Sedimentary		A&Ww			FBC			FC		
SP	Greenbush Draw	From U.S./Mexico border to confluence with San Pedro River				A&We			PBC				
SP	Hidden Pond	Fort Huachuca Military Reservation at 32°30'30"/ 109°22'17"			A&Ww			FBC			FC		
SP	High Creek	Headwaters to confluence with unnamed tributary at 32°33'08"/110°14'42"		A&Wc				FBC			FC		AgL
SP	High Creek	Below confluence with unnamed tributary to terminus near Willcox Playa			A&Ww			FBC			FC		AgL
SP	Horse Camp Canyon	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Hot Springs Canyon Creek	Headwaters to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Johnson Can-	Headwaters to Whitewater Draw at 31°32'46"/ 109°43'32"			A&Ww			FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

	yon												
SP	Lake Cochise (EDW)	South of Twin Lakes Municipal Golf Course at 32°13'50"/109°49'27"	EDW				A&Wedw		PBC				
SP	Leslie Canyon Creek	Headwaters to confluence with Whitewater Draw			A&Ww			FBC			FC		AgL
SP	Lower Garden Canyon Pond	Fort Huachuca Military Reservation at 31°29'39"/ 110°18'34"			A&Ww			FBC			FC		
SP	Mexican Canyon	Headwaters to confluence with Dixie Canyon			A&Ww			FBC			FC		AgL
SP	Miller Canyon	Headwaters to Broken Arrow Ranch Road at 31°25'35"/110°15'04"		A&Wc				FBC		DWS	FC		AgL
SP	Miller Canyon	Below Broken Arrow Ranch Road to confluence with the San Pedro River			A&Ww			FBC		DWS	FC		AgL
SP	Moonshine Creek	Headwaters to confluence with Post Creek		A&Wc				FBC			FC		AgL
SP	Mountain View Golf Course Pond	Fort Huachuca Military Reservation at 31°32'14"/ 110°18'52"	Sedimentary		A&Ww				PBC		FC		
SP	Mule Gulch	Headwaters to the Lavender Pit at 31°26'11"/ 109°54'02"			A&Ww				PBC		FC		
SP	Mule Gulch	The Lavender Pit to the Highway 80 bridge at 31°26'30"/109°49'28"				A&We			PBC				
SP	Mule Gulch	Below the Highway 80 bridge to confluence with Whitewater Draw				A&We			PBC				AgL
SP	Oak Grove Canyon	Headwaters to confluence with Turkey Creek			A&Ww			FBC			FC		AgL
SP	Officers Club Pond	Fort Huachuca Military Reservation at 31°32'51"/ 110°21'37"	Sedimentary		A&Ww				PBC		FC		
SP	Paige Canyon Creek	Headwaters to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Parsons Canyon Creek	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Pinery Creek	Headwaters to State Highway 181		A&Wc				FBC		DWS	FC		AgL
SP	Pinery Creek	Below State Highway 181 to terminus near Willcox Playa			A&Ww			FBC		DWS	FC		AgL
SP	Post Creek	Headwaters to confluence with Grant Creek		A&Wc				FBC			FC	AgL	AgL
SP	Ramsey Canyon Creek	Headwaters to Forest Service Road #110 at 31°27'44"/110°17'30"		A&Wc				FBC			FC	AgL	AgL
SP	Ramsey Canyon Creek	Below Forest Service Road #110 to confluence with Carr Wash			A&Ww			FBC			FC	AgL	AgL
SP	Rattlesnake Creek	Headwaters to confluence with Brush Canyon		A&Wc				FBC			FC		AgL
SP	Rattlesnake Creek	Below confluence with Brush Canyon to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Redfield Canyon	Headwaters to confluence with unnamed tributary at 32°33'40"/110°18'42"		A&Wc				FBC			FC		AgL
SP	Redfield Canyon	Below confluence with unnamed tributary to confluence with the San Pedro River			A&Ww			FBC			FC		AgL
SP	Riggs Lake	32°42'28"/109°57'53"	Igneous	A&Wc				FBC			FC	AgL	AgL
SP	Rock Creek	Headwaters to confluence with Turkey Creek Alc						FBC			FC		AgL
SP	Rucker Canyon	Headwaters to confluence with Whitewater Draw		A&Wc				FBC			FC		AgL
SP	Rucker Canyon Lake	31°46'46"/109°18'30"	Shallow	A&Wc				FBC			FC		AgL
SP	San Pedro River	U.S./ Mexico Border to Buehman Canyon			A&Ww			FBC			FC	AgL	AgL
SP	San Pedro River	From Buehman canyon to confluence with the Gila River			A&Ww			FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SP	Snow Flat Lake	32°39'10"/109°51'54"	Igneous	A&Wc				FBC			FC	AgI	AgL
SP	Soldier Creek	Headwaters to confluence with Post Creek at 32°40'50"/109°54'41"		A&Wc				FBC			FC		AgL
SP	Soto Canyon	Headwaters to confluence with Dixie Canyon			A&Ww			FBC			FC		AgL
SP	Swamp Springs Canyon	Headwaters to confluence with Redfield Canyon			A&Ww			FBC			FC		AgL
SP	Sycamore Pond I	Fort Huachuca Military Reservation at 31°35'12"/110°26'11"	Sedimentary		A&Ww			FBC			FC		
SP	Sycamore Pond II	Fort Huachuca Military Reservation at 31°34'39"/110°26'10"	Sedimentary		A&Ww			FBC			FC		
SP	Turkey Creek	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Turkey Creek	Headwaters to confluence with Rock Creek		A&Wc				FBC			FC	AgI	AgL
SP	Turkey Creek	Below confluence with Rock Creek to terminus near Willcox Playa			A&Ww			FBC			FC	AgI	AgL
SP	Unnamed Wash (EDW)	Mt. Lemmon WWTP outfall at 32°26'51"/110°45'08" to 0.25 km downstream					A&Wedw		PBC				
SP	Virgus Canyon	Headwaters to confluence with Aravaipa Creek			A&Ww			FBC			FC		AgL
SP	Walnut Gulch	Headwaters to Tombstone WWTP outfall at 31°43'47"/110°04'06"					A&We		PBC				
SP	Walnut Gulch (EDW)	Tombstone WWTP outfall to the confluence with Tombstone Wash					A&Wedw		PBC				
SP	Walnut Gulch	Tombstone Wash to confluence with San Pedro River					A&We		PBC				
SP	Ward Canyon	Headwaters to confluence with Turkey Creek		A&Wc				FBC			FC		AgL
SP	Whitewater Draw	Headwaters to confluence with unnamed tributary at 31°20'36"/109°43'48"					A&We		PBC				AgL
SP	Whitewater Draw	Below confluence with unnamed tributary to U.S./ Mexico border			A&Ww			FBC			FC		AgL
SP	Willcox Playa	From 32°08'19"/109°50'59" in the Sulphur Springs Valley	Sedimentary		A&Ww			FBC			FC		AgL
SP	Woodcutters Pond	Fort Huachuca Military Reservation at 31°30'09"/110°20'12"	Igneous		A&Ww			FBC			FC		
SR	Ackre Lake	33°37'01"/109°20'40"		A&Wc				FBC			FC	AgI	AgL
SR	Apache Lake	33°37'23"/111°12'26"	Deep		A&Ww			FBC		DWS	FC	AgI	AgL
SR	Barnhard Creek	Headwaters to confluence with unnamed tributary at 34°05'37"/111°26'40"		A&Wc				FBC			FC		AgL
SR	Barnhardt Creek	Below confluence with unnamed tributary to confluence with Rye Creek			A&Ww			FBC			FC		AgL
SR	Basin Lake	33°55'00"/109°26'09"	Igneous		A&Ww			FBC			FC		AgL
SR	Bear Creek	Headwaters to confluence with the Black River		A&Wc				FBC			FC	AgI	AgL
SR	Bear Wallow Creek (OAW)	Headwaters to confluence with the Black River		A&Wc				FBC			FC		AgL
SR	Bear Wallow Creek, North Fork (OAW)	Headwaters to confluence with Bear Wallow Creek		A&Wc				FBC			FC		AgL
SR	Bear Wallow Creek, South Fork (OAW)	Headwaters to confluence with Bear Wallow Creek		A&Wc				FBC			FC		AgL
SR	Beaver Creek	Headwaters to confluence with Black River		A&Wc				FBC			FC	AgI	AgL
SR	Big Lake	33°52'36"/109°25'33"	Igneous	A&Wc				FBC		DWS	FC	AgI	AgL
SR	Black River	Headwaters to confluence with Salt River		A&Wc				FBC		DWS	FC	AgI	AgL
SR	Black River, East Fork	From 33°51'19"/109°18'54" to confluence with the Black River		A&Wc				FBC		DWS	FC	AgI	AgL
SR	Black River, North Fork of East Fork	Headwaters to confluence with Boneyard Creek		A&Wc				FBC		DWS	FC	AgI	AgL
SR	Black River, West Fork	Headwaters to confluence with the Black River		A&Wc				FBC		DWS	FC	AgI	AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SR	Bloody Tanks Wash	Headwaters to Schultze Ranch Road				A&We			PBC				AgL
SR	Bloody Tanks Wash	Schultze Ranch Road to confluence with Miami Wash				A&We			PBC				
SR	Boggy Creek	Headwaters to confluence with Centerfire Creek			A&Wc			FBC			FC	AgL	AgL
SR	Boneyard Creek	Headwaters to confluence with Black River, East Fork			A&Wc			FBC			FC	AgL	AgL
SR	Boulder Creek	Headwaters to confluence with LaBarge Creek			A&Ww			FBC			FC		
SR	Campaign Creek	Headwaters to Roosevelt Lake			A&Ww			FBC			FC		AgL
SR	Canyon Creek	Headwaters to the White Mountain Apache Reservation boundary			A&Wc			FBC		DWS	FC	AgL	AgL
SR	Canyon Lake	33°32'44"/111°26'19"	Deep		A&Ww			FBC		DWS	FC	AgL	AgL
SR	Centerfire Creek	Headwaters to confluence with the Black River			A&Wc			FBC			FC	AgL	AgL
SR	Chambers Draw Creek	Headwaters to confluence with the North Fork of the East Fork of Black River			A&Wc			FBC			FC		AgL
SR	Cherry Creek	Headwaters to confluence with unnamed tributary at 34°05'09"/110°56'07"			A&Wc			FBC				AgL	AgL
SR	Cherry Creek	Below unnamed tributary to confluence with the Salt River			A&Ww			FBC			FC	AgL	AgL
SR	Christopher Creek	Headwaters to confluence with Tonto Creek						FBC			FC	AgL	AgL
SR	Cold Spring Canyon Creek	Headwaters to confluence with unnamed tributary at 33°49'50"/110°52'58"			A&Wc			FBC			FC		AgL
SR	Cold Spring Canyon Creek	Below confluence with unnamed tributary to confluence with Cherry Creek			A&Ww			FBC			FC		AgL
SR	Conklin Creek	Headwaters to confluence with the Black River			A&Wc			FBC			FC	AgL	AgL
SR	Coon Creek	Headwaters to confluence with unnamed tributary at 33°46'41"/110°54'26"			A&Wc			FBC			FC		AgL
SR	Coon Creek	Below confluence with unnamed tributary to confluence with Salt River			A&Ww			FBC			FC		AgL
SR	Corduoy Creek	Headwaters to confluence with Fish Creek			A&Wc			FBC			FC	AgL	AgL
SR	Coyote Creek	Headwaters to confluence with the Black River, East Fork			A&Wc			FBC			FC	AgL	AgL
SR	Crescent Lake	33°54'38"/109°25'18"	Shallow		A&Wc			FBC			FC	AgL	AgL
SR	Deer Creek	Headwaters to confluence with the Black River, East Fork			A&Wc			FBC			FC		AgL
SR	Del Shay Creek	Headwaters to confluence with Gun Creek			A&Ww			FBC			FC		AgL
SR	Devils Chasm Creek	Headwaters to confluence with unnamed tributary at 33°48'46"/110°52'35"			A&Wc			FBC			FC		AgL
SR	Devils Chasm Creek	Below confluence with unnamed tributary to confluence with Cherry Creek			A&Ww			FBC			FC		AgL
SR	Dipping Vat Reservoir	33°55'47"/109°25'31"	Igneous		A&Ww			FBC			FC		AgL
SR	Double Cienega Creek	Headwaters to confluence with Fish Creek			A&Wc			FBC			FC		AgL
SR	Fish Creek	Headwaters to confluence with the Black River			A&Wc			FBC			FC	AgL	AgL
SR	Fish Creek	Headwaters to confluence with the Salt River			A&Ww			FBC			FC		
SR	Gold Creek	Headwaters to confluence with unnamed tributary at 33°59'47"/111°25'10"			A&Wc			FBC			FC		AgL
SR	Gold Creek	Below confluence with unnamed tributary to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Gordon Canyon Creek	Headwaters to confluence with Hog Canyon			A&Wc			FBC			FC		AgL
SR	Gordon Canyon Creek	Below confluence with Hog Canyon to confluence with Haigler Creek			A&Ww			FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SR	Greenback Creek	Headwaters to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Haigler Creek	Headwaters to confluence with unnamed tributary at 34°12'23"/111°00'15"		A&Wc				FBC			FC	AgI	AgL
SR	Haigler Creek	Below confluence with unnamed tributary to confluence with Tonto Creek			A&Ww			FBC			FC	AgI	AgL
SR	Hannagan Creek	Headwaters to confluence with Beaver Creek		A&Wc				FBC			FC		AgL
SR	Hay Creek (OAW)	Headwaters to confluence with the Black River, West Fork		A&Wc				FBC			FC		AgL
SR	Home Creek	Headwaters to confluence with the Black River, West Fork		A&Wc				FBC			FC		AgL
SR	Horse Creek	Headwaters to confluence with the Black River, West Fork		A&Wc				FBC			FC		AgL
SR	Horse Camp Creek	Headwaters to confluence with unnamed tributary at 33°54'00"/110°50'07"		A&Wc				FBC			FC		AgL
SR	Horse Camp Creek	Below confluence with unnamed tributary to confluence with Cherry Creek			A&Ww			FBC			FC		AgL
SR	Horton Creek	Headwaters to confluence with Tonto Creek		A&Wc				FBC			FC	AgI	AgL
SR	Houston Creek	Headwaters to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Hunter Creek	Headwaters to confluence with Christopher Creek		A&Wc				FBC			FC		AgL
SR	LaBarge Creek	Headwaters to Canyon Lake			A&Ww			FBC			FC		
SR	Lake Sierra Blanca	33°52'25"/109°16'05"		A&Wc				FBC			FC	AgI	AgL
SR	Miami Wash	Headwaters to confluence with Pinal Creek				A&We			PBC				
SR	Mule Creek	Headwaters to confluence with Canyon Creek		A&Wc				FBC		DWS	FC	AgI	AgL
SR	Open Draw Creek	Headwaters to confluence with the East Fork of Black River		A&Wc				FBC			FC		AgL
SR	P B Creek	Headwaters to Forest Service Road #203 at 33°57'08"/110°56'12"		A&Wc				FBC			FC		AgL
SR	P B Creek	Below Forest Service Road #203 to Cherry Creek			A&Ww			FBC			FC		AgL
SR	Pinal Creek	Headwaters to confluence with unnamed EDW wash (Globe WWTP) at 33°25'29"/110°48'20"				A&We			PBC				AgL
SR	Pinal Creek (EDW)	Confluence with unnamed EDW wash (Globe WWTP) to 33°26'55"/110°49' 25"					A&Wed w		PBC				
SR	Pinal Creek	From 33°26'55"/110°49'25" to Lower Pinal Creek water treatment plant outfall #001 at 33°31'04"/ 110°51'55"				A&We			PBC				AgL
SR	Pinal Creek	From Lower Pinal Creek WTP outfall # to See Ranch Crossing at 33°32'25"/110°52'28"					A&Wed w		PBC				
SR	Pinal Creek	From See Ranch Crossing to confluence with unnamed tributary at 33°35'28"/110°54'31"			A&Ww			FBC					
SR	Pinal Creek	From unnamed tributary to confluence with Salt River			A&Ww			FBC			FC		
SR	Pine Creek	Headwaters to confluence with the Salt River			A&Ww			FBC			FC		
SR	Pinto Creek	Headwaters to confluence with unnamed tributary at 33°19'27"/110°54'58"		A&Wc				FBC			FC	AgI	AgL
SR	Pinto Creek	Below confluence with unnamed tributary to Roosevelt Lake			A&Ww			FBC			FC	AgI	AgL
SR	Pole Corral Lake	33°30'38"/110°00'15"	Igneous		A&Ww			FBC			FC	AgI	AgL
SR	Pueblo Canyon Creek	Headwaters to confluence with unnamed tributary at 33°50'23"/110°51'37"		A&Wc				FBC			FC		AgL
SR	Pueblo Canyon Creek	Below confluence with unnamed tributary to confluence with Cherry Creek			A&Ww			FBC			FC		AgL
SR	Reevis Creek	Headwaters to confluence with Pine Creek			A&Ww			FBC			FC		
SR	Reservation Creek	Headwaters to confluence with the Black River		A&Wc				FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

SR	Reynolds Creek	Headwaters to confluence with Workman Creek		A&Wc				FBC			FC		AgL
SR	Roosevelt Lake	33°52'17"/111°00'17"	Deep		A&Ww			FBC		DWS	FC	AgL	AgL
SR	Russell Gulch	From Headwaters to confluence with Miami Wash				A&We			PBC				
SR	Rye Creek	Headwaters to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Saguaro Lake	33°33'44"/111°30'55"	Deep		A&Ww			FBC		DWS	FC	AgL	AgL
SR	Salome Creek	Headwaters to confluence with the Salt River			A&Ww			FBC			FC	AgL	AgL
SR	Salt House Lake	33°57'04"/109°20'11"	Igneous		A&Ww			FBC			FC		AgL
SR	Salt River	White Mountain Apache Reservation Boundary at 33°48'52"/110°31'33" to Roosevelt Lake			A&Ww			FBC			FC		AgL
SR	Salt River	Theodore Roosevelt Dam to 2 km below Granite Reef Dam			A&Ww			FBC		DWS	FC	AgL	AgL
SR	Slate Creek	Headwaters to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Snake Creek (OAW)	Headwaters to confluence with the Black River		A&Wc				FBC			FC		AgL
SR	Spring Creek	Headwaters to confluence with Tonto Creek			A&Ww			FBC			FC		AgL
SR	Stinky Creek (OAW)	Headwaters to confluence with the Black River, West Fork		A&Wc				FBC			FC		AgL
SR	Thomas Creek	Headwaters to confluence with Beaver Creek		A&Wc				FBC			FC		AgL
SR	Thompson Creek	Headwaters to confluence with the West Fork of the Black River		A&Wc				FBC			FC		AgL
SR	Tonto Creek	Headwaters to confluence with unnamed tributary at 34°18'11"/111°04'18"		A&Wc				FBC			FC	AgL	AgL
SR	Tonto Creek	Below confluence with unnamed tributary to Roosevelt Lake			A&Ww			FBC			FC	AgL	AgL
SR	Turkey Creek	Headwaters to confluence with Rock Creek		A&Wc				FBC			FC		
SR	Wildcat Creek	Headwaters to confluence with Centerfire Creek		A&Wc				FBC			FC		AgL
SR	Willow Creek	Headwaters to confluence with Beaver Creek		A&Wc				FBC			FC		AgL
SR	Workman Creek	Headwaters to confluence with Reynolds Creek		A&Wc				FBC			FC	AgL	AgL
SR	Workman Creek	Below confluence with Reynolds Creek to confluence with Salome Creek			A&Ww			FBC			FC	AgL	AgL
UG	Apache Creek	Headwaters to confluence with the Gila River			A&Ww			FBC			FC		AgL
UG	Ash Creek	Headwaters to confluence with unnamed tributary at 32°46'15"/109°51'45"		A&Wc				FBC			FC		AgL
UG	Ash Creek	Below confluence with unnamed tributary to confluence with the Gila River			A&Ww			FBC			FC		AgL
UG	Bennett Wash	Headwaters to the Gila River				A&We			PBC				
UG	Bitter Creek	Headwaters to confluence with the Gila River			A&Ww			FBC			FC		
UG	Blue River	Headwaters to confluence with Strayhorse Creek at 33°29'02"/109°12'14"		A&Wc				FBC			FC	AgL	AgL
UG	Blue River	Below confluence with Strayhorse Creek to confluence with San Francisco River			A&Ww			FBC			FC	AgL	AgL
UG	Bonita Creek (OAW)	San Carlos Indian Reservation boundary to confluence with the Gila River			A&Ww			FBC		DWS	FC		AgL
UG	Buckelew Creek	Headwaters to confluence with Castle Creek		A&Wc				FBC			FC		AgL
UG	Campbell Blue Creek	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Castle Creek	Headwaters to confluence with Campbell Blue Creek		A&Wc				FBC			FC		AgL
UG	Cave Creek (OAW)	Headwaters to confluence with South Fork Cave Creek		A&Wc				FBC			FC	AgL	AgL
UG	Cave Creek (OAW)	Below confluence with South Fork Cave Creek to Coronado National Forest boundary			A&Ww			FBC			FC	AgL	AgL
UG	Cave Creek	Below Coronado National Forest boundary to New Mexico border			A&Ww			FBC			FC	AgL	AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

UG	Cave Creek, South Fork	Headwaters to confluence with Cave Creek		A&Wc				FBC			FC	AgI	AgL
UG	Chase Creek	Headwaters to the Phelps-Dodge Morenci Mine			A&Ww			FBC			FC		AgL
UG	Chase Creek	Below the Phelps-Dodge Morenci Mine to confluence with San Francisco River				A&We			PBC				
UG	Chitty Canyon Creek	Headwaters to confluence with Salt House Creek		A&Wc				FBC			FC		AgL
UG	Cima Creek	Headwaters to confluence with Cave Creek		A&Wc				FBC			FC		AgL
UG	Cluff Reservoir #1	32°48'55"/109°50'46"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
UG	Cluff Reservoir #3	32°48'21"/109°51'46"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
UG	Coleman Creek	Headwaters to confluence with Campbell Blue Creek		A&Wc				FBC			FC		AgL
UG	Dankworth Lake	32°43'13"/109°42'17"	Sedimentary		A&Wc			FBC			FC		
UG	Deadman Canyon Creek	Headwaters to confluence with unnamed tributary at 32°43'50"/109°49'03"		A&Wc				FBC		DWS	FC		AgL
UG	Deadman Canyon Creek	Below confluence with unnamed tributary to confluence with Graveyard Wash			A&Ww			FBC		DWS	FC		AgL
UG	Eagle Creek	Headwaters to confluence with unnamed tributary at 33°22'32"/109°29'43"		A&Wc				FBC		DWS	FC	AgI	AgL
UG	Eagle Creek	Below confluence with unnamed tributary to confluence with the Gila River			A&Ww			FBC		DWS	FC	AgI	AgL
UG	East Eagle Creek	Headwaters to confluence with Eagle Creek		A&Wc				FBC			FC		AgL
UG	East Turkey Creek	Headwaters to confluence with unnamed tributary at 31°58'22"/109°12'20"		A&Wc				FBC			FC		AgL
UG	East Turkey Creek	Below confluence with unnamed tributary to terminus near San Simon River			A&Ww			FBC			FC		AgL
UG	East Whitetail	Headwaters to terminus near San Simon River			A&Ww			FBC			FC		AgL
UG	Emigrant Canyon	Headwaters to terminus near San Simon River			A&Ww			FBC			FC		AgL
UG	Evans Pond #1	32°49'19"/109°51'12"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
UG	Evans Pond #2	32°49'14"/109°51'09"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
UG	Fishhook Creek	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Foot Creek	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Frye Canyon Creek	Headwaters to Frye Mesa Reservoir		A&Wc				FBC		DWS	FC		AgL
UG	Frye Canyon Creek	Frye Mesa reservoir to terminus at Highline Canal.			A&Ww			FBC			FC		AgL
UG	Frye Mesa Reservoir	32°45'14"/109°50'02"	Igneous	A&Wc				FBC		DWS	FC		
UG	Gibson Creek	Headwaters to confluence with Marijilda Creek		A&Wc				FBC			FC		AgL
UG	Gila River	New Mexico border to the San Carlos Indian Reservation boundary			A&Ww			FBC			FC	AgI	AgL
UG	Grant Creek	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Judd Lake	33°51'15"/109°09'35"	Sedimentary	A&Wc				FBC			FC		
UG	K P Creek (OAW)	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Lanphier Canyon Creek	Headwaters to confluence with the Blue River		A&Wc				FBC			FC		AgL
UG	Little Blue Creek	Headwaters to confluence with Dutch Blue Creek		A&Wc				FBC			FC		AgL



## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

UG	Little Blue Creek	Below confluence with Dutch Blue Creek to confluence with Blue Creek			A&Ww			FBC			FC		AgL
UG	Little Creek	Headwaters to confluence with the San Francisco River			A&Wc			FBC			FC		
UG	George's Tank	33°51'24"/109°08'30"	Sedimentary		A&Wc			FBC			FC		AgL
UG	Luna Lake	33°49'50"/109°05'06"	Sedimentary		A&Wc			FBC			FC		AgL
UG	Marjilda Creek	Headwaters to confluence with Gibson Creek			A&Wc			FBC			FC		AgL
UG	Marjilda Creek	Below confluence with Gibson Creek to confluence with Stockton Wash			A&Ww			FBC			FC	AgI	AgL
UG	Markham Creek	Headwaters to confluence with the Gila River			A&Ww			FBC			FC		AgL
UG	Pigeon Creek	Headwaters to confluence with the Blue River			A&Ww			FBC			FC		AgL
UG	Raspberry Creek	Headwaters to confluence with the Blue River			A&Wc			FBC			FC		
UG	Roper Lake	32°45'23"/109°42'14"	Sedimentary		A&Ww			FBC			FC		
UG	San Francisco River	Headwaters to the New Mexico border			A&Wc			FBC			FC	AgI	AgL
UG	San Francisco River	New Mexico border to confluence with the Gila River			A&Ww			FBC			FC	AgI	AgL
UG	San Simon River	Headwaters to confluence with the Gila River				A&We			PBC				AgL
UG	Sheep Tank	32°46'14"/109°48'09"	Sedimentary		A&Ww			FBC			FC		AgL
UG	Smith Pond	32°49'15"/109°50'36"	Sedimentary		A&Ww			FBC			FC		
UG	Squaw Creek	Headwaters to confluence with Thomas Creek			A&Wc			FBC			FC		AgL
UG	Stone Creek	Headwaters to confluence with the San Francisco River			A&Wc			FBC			FC	AgI	AgL
UG	Strayhorse Creek	Headwaters to confluence with the Blue River			A&Wc			FBC			FC		
UG	Thomas Creek	Headwaters to confluence with Rousensock Creek			A&Wc			FBC			FC		AgL
UG	Thomas Creek	Below confluence with Rousensock Creek to confluence with Blue River			A&Ww			FBC			FC		AgL
UG	Tinny Pond	33°47'49"/109°04'27"	Sedimentary		A&Ww			FBC			FC		AgL
UG	Turkey Creek	Headwaters to confluence with Campbell Blue Creek			A&Wc			FBC			FC		AgL
VR	American Gulch	Headwaters to the Northern Gila County Sanitary District WWTP outfall at 34°14'02"/111°22'14"			A&Ww			FBC			FC	AgI	AgL
VR	American Gulch (EDW)	Below Northern Gila County Sanitary District WWTP outfall to confluence with the East Verde River					A&Wedw		PBC				
VR	Apache Creek	Headwaters to confluence with Walnut Creek			A&Ww			FBC			FC		AgL
VR	Ashbrook Wash	Headwaters to the Fort McDowell Indian Reservation boundary				A&We			PBC				
VR	Aspen Creek	Headwaters to confluence with Granite Creek			A&Ww			FBC			FC		
VR	Bar Cross Tank	35°00'41"/112°05'39"			A&Ww			FBC			FC		AgL
VR	Barrata Tank	35°02'43"/112°24'21"			A&Ww			FBC			FC		AgL
VR	Bartlett Lake	33°49'52"/111°37'44"	Deep		A&Ww			FBC		DWS	FC	AgI	AgL
VR	Beaver Creek	Headwaters to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Big Chino Wash	Headwaters to confluence with Sullivan Lake				A&We			PBC				AgL
VR	Bitter Creek	Headwaters to the Jerome WWTP outfall at 34°45'12"/112°06'24"				A&We			PBC				AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

VR	Bitter Creek (EDW)	Jerome WWTP outfall to the Yavapai Apache Indian Reservation boundary					A&Wed w		PBC				AgL
VR	Bitter Creek	Below the Yavapai Apache Indian Reservation boundary to confluence with the Verde River			A&Ww			FBC			FC	AgL	AgL
VR	Black Canyon Creek	Headwaters to confluence with unnamed tributary at 34°39'20"/112°05'06"		A&Wc				FBC			FC		AgL
VR	Black Canyon Creek	Below confluence with unnamed tributary to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Bonita Creek	Headwaters to confluence with Ellison Creek		A&Wc				FBC			FC		
VR	Bray Creek	Headwaters to confluence with Webber Creek		A&Wc				FBC			FC		AgL
VR	Camp Creek	Headwaters to confluence with the Sycamore Creek			A&Ww			FBC			FC		AgL
VR	Cereus Wash	Headwaters to the Fort McDowell Indian Reservation boundary				A&We			PBC				
VR	Chase Creek	Headwaters to confluence with the East Verde River		A&Wc				FBC		DWS	FC		
VR	Clover Creek	Headwaters to confluence with Headwaters of West Clear Creek		A&Wc				FBC			FC		AgL
VR	Coffee Creek	Headwaters to confluence with Spring Creek			A&Ww			FBC			FC		AgL
VR	Colony Wash	Headwaters to the Fort McDowell Indian Reservation boundary				A&We			PBC				
VR	Dead Horse Lake	34°45'08"/112°00'42"	Shallow		A&Ww			FBC			FC		
VR	Deadman Creek	Headwaters to Horseshoe Reservoir			A&Ww			FBC			FC		AgL
VR	Del Monte Gulch	Headwaters to confluence with City of Cottonwood WWTP outfall 002 at 34°43'57"/112°02'46"				A&We			PBC				
VR	Del Monte Gulch (EDW)	City of Cottonwood WWTP outfall 002 at 34°43'57"/112°02'46" to confluence with Blow-out Creek					A&Wed w		PBC				
VR	Del Rio Dam Lake	34°48'55"/112°28'03"	Sedimentary		A&Ww			FBC			FC		AgL
VR	Dry Beaver Creek	Headwaters to confluence with Beaver Creek			A&Ww			FBC			FC	AgL	AgL
VR	Dry Creek (EDW)	Sedona Ventures WWTP outfall at 34°50'02"/111°52'17" to 34°48'12"/111°52'48"					A&Wed w		PBC				
VR	Dude Creek	Headwaters to confluence with the East Verde River		A&Wc				FBC			FC	AgL	AgL
VR	East Verde River	Headwaters to confluence with Ellison Creek		A&Wc				FBC		DWS	FC	AgL	AgL
VR	East Verde River	Below confluence with Ellison Creek to confluence with the Verde River			A&Ww			FBC		DWS	FC	AgL	AgL
VR	Ellison Creek	Headwaters to confluence with the East Verde River		A&Wc				FBC			FC		AgL
VR	Fossil Creek (OAW)	Headwaters to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Fossil Springs (OAW)	34°25'24"/111°34'27"			A&Ww			FBC		DWS	FC		
VR	Foxboro Lake	34°53'42"/111°39'55"			A&Ww			FBC			FC		AgL
VR	Fry Lake	35°03'45"/111°48'04"			A&Ww			FBC			FC		AgL
VR	Gap Creek	Headwaters to confluence with Government Spring		A&Wc				FBC			FC		AgL
VR	Gap Creek	Below Government Spring to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Garrett Tank	35°18'57"/112°42'20"			A&Ww			FBC			FC		AgL
VR	Goldwater Lake, Lower	34°29'56"/112°27'17"	Sedimentary	A&Wc				FBC		DWS	FC		
VR	Goldwater Lake, Upper	34°29'52"/112°26'59"	Igneous	A&Wc				FBC		DWS	FC		

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

VR	Granite Basin Lake	34°37'01"/112°32'58"	Igneous	A&Wc				FBC			FC	AgI	AgL
VR	Granite Creek	Headwaters to Watson Lake		A&Wc				FBC			FC	AgI	AgL
VR	Granite Creek	Below Watson Lake to confluence with the Verde River			A&Ww			FBC			FC	AgI	AgL
VR	Green Valley Lake (EDW)	34°13'54"/111°20'45"	Urban				A&Wedw		PBC		FC		
VR	Heifer Tank	35°20'27"/112°32'59"			A&Ww			FBC			FC		AgL
VR	Hells Canyon Tank	35°04'59"/112°24'07"	Igneous		A&Ww			FBC			FC		AgL
VR	Homestead Tank	35°21'24"/112°41'36"	Igneous		A&Ww			FBC			FC		AgL
VR	Horse Park Tank	34°58'15"/111°36'32"			A&Ww			FBC			FC		AgL
VR	Horseshoe Reservoir	34°00'25"/111°43'36"	Sedimentary		A&Ww			FBC			FC	AgI	AgL
VR	Houston Creek	Headwaters to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Huffer Tank	34°27'46"/111°23'11"			A&Ww			FBC			FC		AgL
VR	J.D. Dam Lake	35°04'02"/112°01'48"	Shallow	A&Wc				FBC			FC	AgI	AgL
VR	Jacks Canyon	Headwaters to Big Park WWTP outfall at 34°45'46"/111°45'51"					A&We		PBC				
VR	Jacks Canyon (EDW)	Below Big Park WWTP outfall to confluence with Dry Beaver Creek					A&Wedw		PBC				
VR	Lime Creek	Headwaters to Horseshoe Reservoir			A&Ww			FBC			FC		AgL
VR	Masonry Number 2 Reservoir	35°13'32"/112°24'10"		A&Wc				FBC			FC	AgI	AgL
VR	McLellan Reservoir	35°13'09"/112°17'06"	Igneous		A&Ww			FBC			FC	AgI	AgL
VR	Meath Dam Tank	35°07'52"/112°27'35"			A&Ww			FBC			FC		AgL
VR	Mullican Place Tank	34°44'16"/111°36'10"	Igneous		A&Ww			FBC			FC		AgL
VR	Oak Creek (OAW)	Headwaters to confluence with unnamed tributary at 34°59'15"/111°44'47"		A&Wc				FBC		DWS	FC	AgI	AgL
VR	Oak Creek (OAW)	Below confluence with unnamed tributary to confluence with Verde River			A&Ww			FBC		DWS	FC	AgI	AgL
VR	Oak Creek, West Fork (OAW)	Headwaters to confluence with Oak Creek		A&Wc				FBC			FC		AgL
VR	Odell Lake	34°56'5"/111°37'53"	Igneous	A&Wc				FBC			FC		
VR	Peck's Lake	34°46'51"/112°02'01"	Shallow		A&Ww			FBC			FC	AgI	AgL
VR	Perkins Tank	35°06'42"/112°04'12"	Shallow	A&Wc				FBC			FC		AgL
VR	Pine Creek	Headwaters to confluence with unnamed tributary at 34°21'51"/111°26'49"		A&Wc				FBC		DWS	FC	AgI	AgL
VR	Pine Creek	Below confluence with unnamed tributary to confluence with East Verde River			A&Ww			FBC		DWS	FC	AgI	AgL
VR	Red Creek	Headwaters to confluence with the Verde River			A&Ww			FBC			FC		AgL
VR	Reservoir #1	35°13'5"/111°50'09"	Igneous		A&Ww			FBC			FC		
VR	Reservoir #2	35°13'17"/111°50'39"	Igneous		A&Ww			FBC			FC		
VR	Roundtree Canyon Creek	Headwaters to confluence with Tangle Creek			A&Ww			FBC			FC		AgL
VR	Scholze Lake	35°11'53"/112°00'37"	Igneous	A&Wc				FBC			FC		AgL
VR	Spring Creek	Headwaters to confluence with unnamed tributary at 34°57'23"/111°57'21"		A&Wc				FBC			FC	AgI	AgL
VR	Spring Creek	Below confluence with unnamed tributary to confluence with Oak Creek			A&Ww			FBC			FC	AgI	AgL
VR	Steel Dam Lake	35°13'36"/112°24'54"	Igneous	A&Wc				FBC			FC		AgL

## CHAPTER 11. DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY STANDARDS

VR	Stehr Lake	34°22'01"/111°40'02"	Sedi- mentary		A&Ww			FBC			FC		AgL
VR	Stoneman Lake	34°46'47"/111°31'14"	Shallow	A&Wc				FBC			FC	AgI	AgL
VR	Sullivan Lake	34°51'42"/112°27'51"			A&Ww			FBC			FC	AgI	AgL
VR	Sycamore Creek	Headwaters to confluence with unnamed tributary at 35°03'41"/111°57'31"		A&Wc				FBC			FC	AgI	AgL
VR	Sycamore Creek	Below confluence with unnamed tributary to confluence with Verde River			A&Ww			FBC			FC	AgI	AgL
VR	Sycamore Creek	Headwaters to confluence with Verde River at 33°37'55"/111°39'58"			A&Ww			FBC			FC	AgI	AgL
VR	Sycamore Creek	Headwaters to confluence with Verde River at 34°04'42"/111°42'14"			A&Ww			FBC			FC		AgL
VR	Tangle Creek	Headwaters to confluence with Verde River			A&Ww			FBC			FC	AgI	AgL
VR	Trinity Tank	35°27'44"/112°48'01"			A&Ww			FBC			FC		AgL
VR	Unnamed Wash	Flagstaff Meadows WWTP outfall at '35°13'59'/111°48'35" to Volunteer Wash					A&Wed w		PBC				
VR	Verde River	From headwaters at confluence of Chino Wash and Granite Creek to Bartlett Lake Dam			A&Ww			FBC			FC	AgI	AgL
VR	Verde River	Below Bartlett Lake Dam to Salt River			A&Ww			FBC		DWS	FC	AgI	AgL
VR	Walnut Creek	Headwaters to confluence with Big Chino Wash			A&Ww			FBC			FC		AgL
VR	Watson Lake	34°34'58"/112°25'26"	Igneous		A&Ww			FBC			FC	AgI	AgL
VR	Webber Creek	Headwaters to confluence with the East Verde River		A&Wc				FBC			FC		AgL
VR	West Clear Creek	Headwaters to confluence with Meadow Canyon		A&Wc				FBC			FC		AgL
VR	West Clear Creek	Below confluence with Meadow Canyon to confluence with the Verde River			A&Ww			FBC			FC	AgI	AgL
VR	Wet Beaver Creek	Headwaters to unnamed springs at 34°41'17"/111°34'34"		A&Wc				FBC			FC	AgI	AgL
VR	Wet Beaver Creek	Below unnamed springs to confluence with Dry Beaver Creek			A&Ww			FBC			FC	AgI	AgL
VR	Whitehorse Lake	35°06'59"/112°00'48"	Igneous	A&Wc				FBC		DWS	FC	AgI	AgL
VR	Williamson Valley Wash	Headwaters to confluence with Mint Wash				A&We			PBC				AgL
VR	Williamson Valley Wash	From confluence of Mint Wash to 10.5 km downstream			A&Ww			FBC			FC		AgL
VR	Williamson Valley Wash	From 10.5 km downstream of Mint Wash confluence to confluence with Big Chino Wash				A&We			PBC				AgL
VR	Williscraft Tank	35°11'22"/112°35'40"			A&Ww			FBC			FC		AgL
VR	Willow Creek	Above Willow Creek Reservoir		A&Wc				FBC			FC		AgL
VR	Willow Creek	Below Willow Creek Reservoir to confluence with Granite Creek			A&Ww			FBC			FC		AgL
VR	Willow Creek Reservoir	34°36'17"/112°26'19"	Shallow		A&Ww			FBC			FC	AgI	AgL
VR	Willow Valley Lake	34°41'08"/111°20'02"	Sedi- mentary		A&Ww			FBC			FC		AgL

**Historical Note**

Adopted effective February 18, 1992 (Supp. 92-1). Appendix B repealed, new Appendix B adopted effective April 24, 1996 (Supp. 96-2). Amended by final rulemaking at 8 A.A.R. 1264, effective March 8, 2002 (Supp. 02-1). Amended by final rulemaking at 14 A.A.R. 4708, effective January 31, 2009 (Supp. 08-4). Amended by final rulemaking at 22 A.A.R. 2328, effective August 2, 2016 (Supp. 16-4). Appendix B amended by final rulemaking at 25 A.A.R. 2515, effective November 9, 2019 (Supp. 19-3).

# DRAFT Protected Surface Water List

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<b>Watershed</b>	<b>Surface Water</b>	<b>Segment Description and Location (Latitude and Longitudes are in NAD 83)</b>
BW	Alamo Lake	34°14'06"/113°35'00"
BW	Big Sandy River	Headwaters to Alamo Lake
BW	Bill Williams River	Alamo Lake to confluence with Colorado River
BW	Boulder Creek	Headwaters to confluence with unnamed tributary at 34°41'13"/113°03'37"
BW	Boulder Creek	Below confluence with unnamed tributary to confluence with Burro Creek
BW	Burro Creek	Below confluence with Boulder Creek to confluence with Big Sandy River
BW	Burro Creek (OAW)	Headwaters to confluence with Boulder Creek
BW	Conger Creek	Headwaters to confluence with unnamed tributary at 34°45'15"/113°05'46"

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BW	Conger Creek	Below confluence with unnamed tributary to confluence with Burro Creek
BW	Copper Basin Wash	Headwaters to confluence with unnamed tributary at 34°28'12"/112°35'33"
BW	Cottonwood Canyon	Headwaters to Bear Trap Spring
BW	Cottonwood Canyon	Below Bear Trap Spring to confluence at Smith Canyon Sycamore Creek
BW	Date Creek	Headwaters to confluence with Santa Maria River
BW	Francis Creek (OAW)	Headwaters to confluence with Burro Creek
BW	Kirkland Creek	Headwaters to confluence with Santa Maria River
BW	Knight Creek	Headwaters to confluence with Big Sandy River
BW	Peeples Canyon (OAW)	Headwaters to confluence with Santa Maria River
BW	Santa Maria River	Headwaters to Alamo Lake
BW	Trout Creek	Headwaters to confluence with unnamed tributary at 35°06'47"/113°13'01"

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BW	Trout Creek	Below confluence with unnamed tributary to confluence with Knight Creek
CG	Agate Canyon	Headwaters to confluence with the Colorado River
CG	Beaver Dam Wash	Headwaters to confluence with the Virgin River
CG	Boucher Creek	Headwaters to confluence with the Colorado River
CG	Bright Angel Creek	Headwaters to confluence with Roaring Springs Creek
CG	Bright Angel Creek	Below Roaring Spring Springs Creek to confluence with Colorado River
CG	Bright Angel Wash (EDW)	Grand Canyon National Park South Rim WWTP outfall to Coconino Wash
CG	Cataract Creek	Headwaters to Santa Fe Reservoir
CG	Cataract Creek	Santa Fe Reservoir to City of Williams WWTP outfall at 35°14'40"/112°11'18"
CG	Cataract Creek (EDW)	City of Williams WWTP outfall to 1 km downstream

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CG	Cataract Lake	35°15'04"/112°12'58"
CG	Chuar Creek	Headwaters to confluence with unnamed tributary at 36°11'35"/111°52'20"
CG	Chuar Creek	Below unnamed tributary to confluence with the Colorado River
CG	City Reservoir	35°13'57"/112°11'25"
CG	Clear Creek	Headwaters to confluence with unnamed tributary at 36°07'33"/112°00'03"
CG	Clear Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Coconino Wash (EDW)	South Grand Canyon Sanitary District Tusayan WRF outfall at 35°58'39"/112°08'25" to 1 km downstream
CG	Colorado River	Lake Powell to Lake Mead
CG	Cottonwood Creek	Headwaters to confluence with unnamed tributary at 35°20'46"/113°35'31"



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CG	Cottonwood Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Crystal Creek	Headwaters to confluence with unnamed tributary at 36°13'41"/112°11'49"
CG	Crystal Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Deer Creek	Headwaters to confluence with unnamed tributary at 36°26'15"/112°28'20"
CG	Deer Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Dogtown Reservoir	35°12'40"/112°07'54"
CG	Dragon Creek	Headwaters to confluence with Milk Creek
CG	Dragon Creek	Below confluence with Milk Creek to confluence with Crystal Creek
CG	Garden Creek	Headwaters to confluence with Pipe Creek
CG	Gonzalez Lake	35°15'26"/112°12'09"

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CG	Grapevine Creek	Headwaters to confluence with the Colorado River
CG	Hakatai Canyon	Headwaters to confluence with the Colorado River
CG	Hance Creek	Headwaters to confluence with the Colorado River
CG	Havasupai Creek	From the Havasupai Indian Reservation boundary to confluence with the Colorado River
CG	Hermit Creek	Headwaters to Hermit Pack Trail crossing at 36°03'38"/112°14'00"
CG	Hermit Creek	Below Hermit Pack Trail crossing to confluence with the Colorado River
CG	Horn Creek	Headwaters to confluence with the Colorado River
CG	Jacob Lake	36°42'27"/112°13'50"
CG	Kaibab Lake	35°17'04"/112°09'32"
CG	Kanab Creek	Headwaters to confluence with the Colorado River

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CG	Kwagunt Creek	Headwaters to confluence with unnamed tributary at 36°13'37"/111°54'50"
CG	Kwagunt Creek	Below confluence with unnamed tributary to confluence with the Colorado River
CG	Lake Mead	36°06'18"/114°26'33"
CG	Lake Powell	36°59'53"/111°08'17"
CG	Lonetree Canyon Creek	Headwaters to confluence with the Colorado River
CG	Matkatamiba Creek	Below Havasupai Indian Reservation boundary to confluence with the Colorado River
CG	Monument Creek	Headwaters to confluence with the Colorado River
CG	Nankoweap Creek	Headwaters to confluence with unnamed tributary at 36°15'29"/111°57'26"
CG	Nankoweap Creek	Below confluence with unnamed tributary to confluence with Colorado River

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CG	National Canyon Creek	Headwaters to Hualapai Indian Reservation boundary at 36°15'15"/112°52'34"
CG	North Canyon Creek	Headwaters to confluence with unnamed tributary at 36°33'58"/111°55'41"
CG	North Canyon Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Olo Canyon	Headwaters to confluence with the Colorado River
CG	Parashant Canyon	Headwaters to confluence with unnamed tributary at 36°21'02"/113°27'56"
CG	Parashant Canyon	Below confluence with unnamed tributary to confluence with the Colorado River
CG	Paria River	Utah border to confluence with the Colorado River
CG	Phantom Creek	Headwaters to confluence with unnamed tributary at 36°09'29"/112°08'13"

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CG	Phantom Creek	Below confluence with unnamed tributary to confluence with Bright Angel Creek
CG	Pipe Creek	Headwaters to confluence with the Colorado River
CG	Red Canyon Creek	Headwaters to confluence with the Colorado River '
CG	Roaring Springs	36°11'45"/112°02'06"
CG	Roaring Springs Creek	Headwaters to confluence with Bright Angel Creek
CG	Royal Arch Creek	Headwaters to confluence with the Colorado River
CG	Ruby Canyon	Headwaters to confluence with the Colorado River
CG	Saddle Canyon Creek	Headwaters to confluence with unnamed tributary at 36°21'36"/112°22'43"
CG	Saddle Canyon Creek	Below confluence with unnamed tributary to confluence with Colorado River
CG	Santa Fe Reservoir	35°14'31"/112°11'10"

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CG	Sapphire Canyon	Headwaters to confluence with the Colorado River
CG	Serpentine Canyon	Headwaters to confluence with the Colorado River
CG	Shinumo Creek	Headwaters to confluence with unnamed tributary at 36°18'18"/112°18'07"
CG	Shinumo Creek	Below confluence with unnamed tributary to confluence with the Colorado River
CG	Slate Creek	Headwaters to confluence with the Colorado River
CG	Spring Canyon Creek	Headwaters to confluence with the Colorado River
CG	Stone Creek	Headwaters to confluence with the Colorado River
CG	Tapeats Creek	Headwaters to confluence with the Colorado River
CG	Thunder River	Headwaters to confluence with Tapeats Creek
CG	Trail Canyon Creek	Headwaters to confluence with the Colorado River

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CG	Transept Canyon (EDW)	Grand Canyon National Park North Rim WWTP outfall to 1 km downstream
CG	Travertine Canyon Creek	Headwaters to confluence with the Colorado River
CG	Turquoise Canyon	Headwaters to confluence with the Colorado River
CG	Unkar Creek	Below confluence with unnamed tributary at 36°07'54"/111°54'06" to confluence with Colorado River
CG	Unnamed Wash (EDW)	Grand Canyon National Park Desert View WWTP outfall at 36°02'06"/111°49'13" to confluence with Cedar Canyon
CG	Unnamed Wash (EDW)	Valle Airpark WRF outfall at 35°38'34"/112°09'22" to confluence with Spring Valley Wash
CG	Vasey's Paradise	A spring at 36°29'52"/111°51'26"
CG	Virgin River	Headwaters to confluence with the Colorado River

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CG	Vishnu Creek	Headwaters to confluence with the Colorado River
CG	Warm Springs Creek	Headwaters to confluence with the Colorado River
CG	West Cataract Creek	Headwaters to confluence with Cataract Creek
CG	White Creek	Headwaters to confluence with unnamed tributary at 36°18'45"/112°21'03"
CG	White Creek	Below confluence with unnamed tributary to confluence with the Colorado River
CG	Wright Canyon Creek	Headwaters to confluence with unnamed tributary at 35°20'48"/113°30'40"
CG	Wright Canyon Creek	Below confluence with unnamed tributary to confluence with Truxton Wash
CL	A10 Backwater	33°31'45"/114°33'19"
CL	A7 Backwater	33°34'27"/114°32'04"
CL	Adobe Lake	33°02'36"/114°39'26"



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CL	Cibola Lake	33°14'01"/114°40'31"
CL	Clear Lake	33°01'59"/114°31'19"
CL	Colorado River	Lake Mead to Topock Marsh
CL	Colorado River	Topock Marsh to Morelos Dam
CL	Gila River	Painted Rock Dam to confluence with the Colorado River
CL	Holy Moses Wash (EDW)	City of Kingman Downtown WWTP outfall to 3 km downstream
CL	Hunter's Hole Backwater	32°31'13"/114°48'07"
CL	Imperial Reservoir	32°53'02"/114°27'54"
CL	Island Lake	33°01'44"/114°36'42"
CL	Laguna Reservoir	32°51'35"/114°28'29"
CL	Lake Havasu	34°35'18"/114°25'47"
CL	Lake Mohave	35°26'58"/114°38'30"

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CL	Martinez Lake	32°58'49"/114°28'09"
CL	Mittry Lake	32°49'17"/114°27'54"
CL	Nortons Lake	33°02'30"/114°37'59"
CL	Painted Rock (Borrow Pit) Lake	33°04'55"/113°01'17"
CL	Pretty Water Lake	33°19'51"/114°42'19"
CL	Quigley Ponds	32°43'40"/113°57'44"
CL	Redondo Lake	32°44'32"/114°29'03"
CL	Sawmill Canyon	Headwaters to abandoned gaging station at 35°09'45"/113°57'56"
CL	Topock Marsh	34°43'27"/114°28'59"
CL	Tyson Wash (EDW)	Town of Quartzsite WWTP outfall at 33°42'39"/114°13'10" to 1 km downstream
CL	Wellton Canal	Wellton-Mohawk Irrigation District

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CL	Wellton Ponds	32°40'32"/114°00'26"
CL	Yuma Proving Ground Pond	32°50'58"/114°26'14"
CL	Yuma Area Canals	Above municipal water treatment plant intakes
LC	Als Lake	35°02'10"/111°25'17"
LC	Ashurst Lake	35°01'06"/111°24'18"
LC	Atcheson Reservoir	33°59'59"/109°20'43"
LC	Auger Creek	Headwaters to confluence with Nutrioso Creek
LC	Barbershop Canyon Creek	Headwaters to confluence with East Clear Creek
LC	Bear Canyon Creek	Headwaters to confluence with General Springs Canyon
LC	Bear Canyon Creek	Headwaters to confluence with Willow Creek
LC	Bear Canyon Lake	34°24'00"/111°00'06"
LC	Becker Lake	34°09'11"/109°18'23"

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LC	Billy Creek	Headwaters to confluence with Show Low Creek
LC	Black Canyon	Headwaters to confluence with Chevelon Creek
LC	Black Canyon Lake	34°20'32"/110°40'13"
LC	Boot Lake	34°58'54"/111°20'11"
LC	Buck Springs Canyon Creek	Headwaters to confluence with Leonard Canyon Creek
LC	Bunch Reservoir	34°02'20"/109°26'48"
LC	Carnero Lake	34°06'57"/109°31'42"
LC	Chevelon Canyon Lake	34°29'18"/110°49'30"
LC	Chevelon Creek	Headwaters to confluence with the Little Colorado River
LC	Chevelon Creek, West Fork	Headwaters to confluence with Chevelon Creek
LC	Clear Creek	Headwaters to confluence with the Little Colorado River
LC	Clear Creek Reservoir	34°57'09"/110°39'14"

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LC	Coconino Reservoir	35°00'05"/111°24'10"
LC	Colter Creek	Headwaters to confluence with Nutrioso Creek
LC	Colter Reservoir	33°56'39"/109°28'53"
LC	Concho Creek	Headwaters to confluence with Carrizo Wash
LC	Concho Lake	34°26'37"/109°37'40"
LC	Cow Lake	34°53'14"/111°18'51"
LC	Coyote Creek	Headwaters to confluence with the Little Colorado River
LC	Cragin Reservoir (formerly Blue Ridge Reservoir)	34°32'40"/111°11'33"
LC	Dane Canyon Creek	Headwaters to confluence with Barbershop Canyon Creek
LC	Deep Lake	35°03'34"/111°25'00"
LC	Dry Lake (EDW)	34°38'02"/110°23'40"
LC	Ducksnest Lake	34°59'14"/111°23'57"

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LC	East Clear Creek	Headwaters to confluence with Clear Creek
LC	Ellis Wiltbank Reservoir	34°05'25"/109°28'25"
LC	Estates at Pine Canyon lakes (EDW)	35°09'32"/111°38'26"
LC	Fish Creek	Headwaters to confluence with the Little Colorado River
LC	Fool's Hollow Lake	34°16'30"/110°03'43"
LC	General Springs Canyon Creek	Headwaters to confluence with East Clear Creek
LC	Geneva Reservoir	34°01'45"/109°31'46"
LC	Hall Creek	Headwaters to confluence with the Little Colorado River
LC	Hart Canyon Creek	Headwaters to confluence with Willow Creek
LC	Hay Lake	34°00'11"/109°25'57"
LC	Hog Wallow Lake	33°58'57"/109°25'39"
LC	Horse Lake	35°03'55"/111°27'50"

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LC	Hulsey Creek	Headwaters to confluence with Nutrioso Creek
LC	Hulsey Lake	33°55'58"/109°09'40"
LC	Indian Lake	35°00'39"/111°22'41"
LC	Jacks Canyon Creek	Headwaters to confluence with the Little Colorado River
LC	Jarvis Lake	33°58'59"/109°12'36"
LC	Kinnikinick Lake	34°53'53"/111°18'18"
LC	Knoll Lake	34°25'38"/111°05'13"
LC	Lake Humphreys (EDW)	35°11'51"/111°35'19"
LC	Lake Mary, Lower	35°06'21"/111°34'38"
LC	Lake Mary, Upper	35°03'23"/111°28'34"
LC	Lake of the Woods	34°09'40"/109°58'47"
LC	Lee Valley Creek	From Lee Valley Reservoir to confluence with the East Fork of the Little Colorado River

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LC	Lee Valley Creek (OAW)	Headwaters to Lee Valley Reservoir
LC	Lee Valley Reservoir	33°56'29"/109°30'04"
LC	Leonard Canyon Creek	Headwaters to confluence with Clear Creek
LC	Leonard Canyon Creek, East Fork	Headwaters to confluence with Leonard Canyon Creek
LC	Leonard Canyon Creek, Middle Fork	Headwaters to confluence with Leonard Canyon, West Fork
LC	Leonard Canyon Creek, West Fork	Headwaters to confluence with Leonard Canyon, East Fork
LC	Lily Creek	Headwaters to confluence with Coyote Creek
LC	Little Colorado River	Headwaters to Lyman Reservoir
LC	Little Colorado River	Below Lyman Reservoir to confluence with the Puerco River
LC	Little Colorado River	Below Puerco River confluence to the Colorado River, excluding segments on Native American Lands
LC	Little Colorado River, East Fork	Headwaters to confluence with the Little Colorado River



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LC	Little Colorado River, South Fork	Headwaters to confluence with the Little Colorado River
LC	Little Colorado River, West Fork	Below Government Springs to confluence with the Little Colorado River
LC	Little Colorado River, West Fork (OAW)	Headwaters to Government Springs
LC	Little George Reservoir	34°00'37"/109°19'15"
LC	Little Mormon Lake	34°17'00"/109°58'06"
LC	Little Ortega Lake	34°22'47"/109°40'06"
LC	Long Lake, Lower	34°47'16"/111°12'40"
LC	Long Lake, Upper	35°00'08"/111°21'23"
LC	Lower Walnut Canyon Lake (EDW)	35°12'04"/111°34'07"
LC	Lyman Reservoir	34°21'21"/109°21'35"
LC	Mamie Creek	Headwaters to confluence with Coyote Creek

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LC	Marshall Lake	35°07'18"/111°32'07"
LC	McKay Reservoir	34°01'27"/109°13'48"
LC	Merritt Draw Creek	Headwaters to confluence with Barbershop Canyon Creek
LC	Mexican Hay Lake	34°01'58"/109°21'25"
LC	Milk Creek	Headwaters to confluence with Hulsey Creek
LC	Miller Canyon Creek	Headwaters to confluence with East Clear Creek
LC	Miller Canyon Creek, East Fork	Headwaters to confluence with Miller Canyon Creek
LC	Mineral Creek	Headwaters to Little Ortega Lake
LC	Mormon Lake	34°56'38"/111°27'25"
LC	Morton Lake	34°53'37"/111°17'41"
LC	Mud Lake	34°55'19"/111°21'29"
LC	Nelson Reservoir	34°02'52"/109°11'19"

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LC	Norton Reservoir	34°03'57"/109°31'27"
LC	Nutrios Creek	Headwaters to confluence with the Little Colorado River
LC	Paddy Creek	Headwaters to confluence with Nutrios Creek
LC	Pierce Seep	34°23'39"/110°31'17"
LC	Porter Creek	Headwaters to confluence with Show Low Creek
LC	Potato Lake	35°03'15"/111°24'13"
LC	Pratt Lake	34°01'32"/109°04'18"
LC	Puerco River	Headwaters to confluence with the Little Colorado River
LC	Puerco River (EDW)	Sanders Unified School District WWTP outfall at 35°12'52"/109°19'40" to 0.5 km downstream
LC	Rainbow Lake	34°09'00"/109°59'09"
LC	Reagan Reservoir	34°02'09"/109°08'41"

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LC	Rio de Flag	Headwaters to City of Flagstaff WWTP outfall at 35°12'21"/111°39'17"
LC	Rio de Flag (EDW)	From City of Flagstaff WWTP outfall to the confluence with San Francisco Wash
LC	River Reservoir	34°02'01"/109°26'07"
LC	Rogers Reservoir	33°56'30"/109°16'20"
LC	Rudd Creek	Headwaters to confluence with Nutrioso Creek
LC	Russel Reservoir	33°59'29"/109°20'01"
LC	San Salvador Reservoir	33°58'51"/109°19'55"
LC	Scott Reservoir	34°10'31"/109°57'31"
LC	Show Low Creek	Headwaters to confluence with Silver Creek
LC	Show Low Lake	34°11'36"/110°00'12"

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LC	Silver Creek	Headwaters to confluence with the Little Colorado River
LC	Slade Reservoir	33°59'41"/109°20'26"
LC	Soldiers Annex Lake	34°47'15"/111°13'51"
LC	Soldiers Lake	34°47'47"/111°14'04"
LC	Sponseller Lake	34°14'09"/109°50'45"
LC	St Johns Reservoir (Little Reservoir)	34°29'10"/109°22'06"
LC	Tremaine Lake	34°46'02"/111°13'51"
LC	Tunnel Reservoir	34°01'53"/109°26'34"
LC	Turkey Draw (EDW)	High Country Pines II WWTP outfall at 33°25'35"/ 110°38'13" to confluence with Black Canyon Creek
LC	Unnamed Wash (EDW)	Bison Ranch WWTP outfall at 34°23'31"/110°31'29" to Pierce Seep
LC	Unnamed Wash (EDW)	Black Mesa Ranger Station WWTP outfall at 34°23'35"/110°33'36" to confluence of Oklahoma Flat Draw

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LC	Vail Lake	35°05'23"/111°30'46"
LC	Walnut Creek	Headwaters to confluence with Billy Creek
LC	Water Canyon Creek	Headwaters to confluence with the Little Colorado River
LC	Water Canyon Reservoir	34°00'16"/109°20'05"
LC	Whale Lake (EDW)	35°11'13"/111°35'21"
LC	Whipple Lake	'34°16'49"/109°58'29"
LC	White Mountain Lake	34°21'57"/109°59'21"
LC	White Mountain Reservoir	34°00'12"/109°30'39"
LC	Willow Creek	Headwaters to confluence with Clear Creek

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LC	Willow Springs Canyon Creek	Headwaters to confluence with Chevelon Creek
LC	Willow Springs Lake	34°18'13"/110°52'16"
LC	Woodland Reservoir	34°07'35"/109°57'01"
LC	Woods Canyon Creek	Headwaters to confluence with Chevelon Creek
LC	Woods Canyon Lake	34°20'09"/110°56'45"
LC	Zuni River	Headwaters to confluence with the Little Colorado River
MG	Agua Fria River	From State Route 169 to Lake Pleasant
MG	Agua Fria River	From City of Avondale WWTP outfall to confluence with Gila River
MG	Agua Fria River (EDW)	Below confluence with unnamed tributary to State Route 169
MG	Agua Fria River (EDW)	From City of El Mirage WWTP outfall to 2 km downstream
MG	Alvord Park Lake	35th Avenue & Baseline Road, Phoenix at 33°22'23"/112°08'20"

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MG	Antelope Creek	Headwaters to confluence with Martinez Wash
MG	Ash Creek	Headwaters to confluence with Tex Canyon
MG	Ash Creek	Below confluence with Tex Canyon to confluence with Agua Fria River
MG	Big Bug Creek	Headwaters to confluence with Eugene Gulch
MG	Big Bug Creek	Below confluence with Eugene Gulch to confluence with Agua Fria River
MG	Black Canyon Creek	Headwaters to confluence with the Agua Fria River
MG	Blind Indian Creek	Headwaters to confluence with the Hassayampa River
MG	Bonsall Park Lake	59th Avenue & Bethany Home Road, Phoenix at 33°31'24"/112°11'08"
MG	Canal Park Lake	College Avenue & Curry Road, Tempe at 33°26'54"/111°56'19"
MG	Cave Creek	Headwaters to the Cave Creek Dam



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MG	Centennial Wash Ponds	33°54'52"/113°23'47"
MG	Chaparral Park Lake	Hayden Road & Chaparral Road, Scottsdale at 33°30'40"/111°54'27"
MG	Cortez Park Lake	35th Avenue & Dunlap, Glendale at 33°34'13"/112°07'52"
MG	Desert Breeze Lake	Galaxy Drive, West Chandler at 33°18'47"/ 111°55'10"
MG	Devils Canyon	Headwaters to confluence with Mineral Creek
MG	Dobson Lake	Dobson Road & Los Lagos Vista Avenue, Mesa at 33°22'48"/111°52'35"
MG	East Maricopa Floodway	From Brown and Greenfield Rds to the Gila River Indian Reservation Boundary
MG	Eldorado Park Lake	Miller Road & Oak Street, Tempe at 33°28'25"/111°54'53"
MG	Encanto Park Lake	15th Avenue & Encanto Blvd., Phoenix at 33°28'28"/112°05'18"
MG	Fain Lake	Town of Prescott Valley Park Lake 34°34'29"/112°21'06"

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MG	French Gulch	Headwaters to confluence with Hassayampa River
MG	Galloway Wash (EDW)	Town of Cave Creek WWTP outfall at 33°50'15"/111°57'35" to confluence with Cave Creek
MG	Gila River	San Carlos Indian Reservation boundary to the Ashurst-Hayden Dam
MG	Gila River	Ashurst-Hayden Dam to the Town of Florence WWTP outfall at 33°02'20"/111°24'19"
MG	Gila River	Gillespie Dam to confluence with Painted Rock Dam
MG	Gila River (EDW)	Town of Florence WWTP outfall to Felix Road
MG	Gila River (EDW)	From the confluence with the Salt River to Gillespie Dam
MG	Granada Park Lake	6505 North 20th Street, Phoenix at 33°31'56"/112°02'16"
MG	Groom Creek	Headwaters to confluence with the Hassayampa River

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MG	Hassayampa Lake	34°25'45"/112°25'33"
MG	Hassayampa River	Below confluence with Copper Creek to the confluence with Blind Indian Creek.
MG	Hassayampa River	Below Buckeye Irrigation Company canal to the Gila River
MG	Hassayampa River	Headwaters to confluence with Copper Creek
MG	Horsethief Lake	34°09'42"/112°17'57"
MG	Indian Bend Wash Lakes	Scottsdale at 33°30'32"/111°54'24"
MG	Indian School Park Lake	Indian School Road & Hayden Road, Scottsdale at 33°29'39"/111°54'37"
MG	Kiwanis Park Lake	6000 South Mill Avenue, Tempe at 33°22'27"/111°56'22"
MG	Lake Pleasant	33°53'46"/112°16'29"
MG	Lake Pleasant, Lower	33°50'32"/112°16'03"

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MG	Lion Canyon	Headwaters to confluence with Weaver Creek
MG	Little Ash Creek	Headwaters to confluence with Ash Creek at
MG	Lynx Creek	Headwaters to confluence with unnamed tributary at 34°34'29"/112°21'07"
MG	Lynx Creek	Below confluence with unnamed tributary at 34°34'29"/112°21'07" to confluence with Agua Fria River
MG	Lynx Lake	34°31'07"/112°23'07"
MG	Maricopa Park Lake	33°35'28"/112°18'15"
MG	Martinez Canyon	Headwaters to confluence with Box Canyon
MG	Martinez Wash	Headwaters to confluence with the Hassayampa River
MG	McKellips Park Lake	Miller Road & McKellips Road, Scottsdale at 33°27'14"/111°54'49"
MG	McMicken Wash (EDW)	City of Peoria Jomax WWTP outfall at 33°43'31"/112°20'15" to confluence with Agua Fria River

MG	Mineral Creek	Headwaters to 33°12'34"/110°59'58"
MG	Minnehaha Creek	Headwaters to confluence with the Hassayampa River
MG	New River	Headwaters to Interstate 17 at 33°54'19.5"/112°08'46"
MG	Painted Rock Reservoir	33°04'23"/113°00'38"
MG	Papago Park Ponds	Galvin Parkway, Phoenix at 33°27'15"/111°56'45"
MG	Papago Park South Pond	Curry Road, Tempe 33°26'22"/111°55'55"
MG	Phoenix Area Canals	Granite Reef Dam to all municipal WTP intakes
MG	Picacho Reservoir	32°51'10"/111°28'25"
MG	Poland Creek	Headwaters to confluence with Lorena Gulch
MG	Poland Creek	Below confluence with Lorena Gulch to confluence with Black Canyon Creek

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MG	Queen Creek	Headwaters to the Town of Superior WWTP outfall at 33°16'33"/111°07'44"
MG	Queen Creek	Below Potts Canyon to ' Whitlow Dam
MG	Queen Creek (EDW)	Below Town of Superior WWTP outfall to confluence with Potts Canyon
MG	Riverview Park Lake	Dobson Road & 8th Street, Mesa at 33°25'50"/111°52'29"
MG	Roadrunner Park Lake	36th Street & Cactus, Phoenix at 33°35'56"/112°00'21"
MG	Salt River	Verde River to 2 km below Granite Reef Dam
MG	Salt River	2 km below Granite Reef Dam to City of Mesa NW WRF outfall at 33°26'22"/111°53'14"
MG	Salt River	Below Tempe Town Lake to Interstate 10 bridge
MG	Salt River	Below Interstate 10 bridge to the City of Phoenix 23rd Avenue WWTP outfall at . 33°24'44"/ 112°07'59"

MG	Salt River (EDW)	City of Mesa NW WRF outfall to Tempe Town Lake
MG	Salt River (EDW)	From City of Phoenix 23rd Avenue WWTP outfall to confluence with Gila River
MG	Siphon Draw (EDW)	Superstition Mountains CFD WWTP outfall at 33°21'40"/111°33'30" to 6 km downstream
MG	Sycamore Creek	Headwaters to confluence with Tank Canyon
MG	Sycamore Creek	Below confluence with Tank Canyon to confluence with Agua Fria River
MG	Tempe Town Lake	At Mill Avenue Bridge at 33°26'00"/111°56'26"
MG	Tule Creek	Headwaters to confluence with the Agua Fria River
MG	Turkey Creek	Headwaters to confluence with unnamed tributary at 34°19'28"/112°21'33"
MG	Turkey Creek	Below confluence with unnamed tributary to confluence with Poland Creek

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MG	Unnamed Wash (EDW)	Gila Bend WWTP outfall to confluence with the Gila River
MG	Unnamed Wash (EDW)	Luke Air Force Base WWTP outfall at °32'21"/112°19'15" to confluence with the Agua Fria River
MG	Unnamed Wash (EDW)	North Florence WWTP outfall at 33°03'50"/ 111°23'13" to confluence with Gila River
MG	Unnamed Wash (EDW)	Town of Prescott Valley WWTP outfall at 34°35'16"/ 112°16'18" to confluence with the Agua Fria River
MG	Unnamed Wash (EDW)	Town of Cave Creek WRF outfall at 33°48'02"/ 111°59'22" to confluence with Cave Creek
MG	Wagner Wash (EDW)	City of Buckeye Festival Ranch WRF outfall at 33°39'14"/112°40'18" to 2 km downstream
MG	Walnut Canyon Creek	Headwaters to confluence with the Gila River
MG	Weaver Creek	Headwaters to confluence with Antelope Creek, tributary to Martinez Creek Wash



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MG	White Canyon Creek	Headwaters to confluence with Walnut Canyon Creek
MG	Yavapai Lake (EDW)	Town of Prescott Valley WWTP outfall 002 at 34°36'07"/112°18'48" to Navajo Wash
MG	Gila River	Felix Road to the Gila River Indian Reservation boundary
MG	Hassayampa River	Below confluence with Blind Indian Creek to the Buckeye Irrigation Company Canal
MG	Indian Bend Wash	Headwaters to confluence with the Salt River
MG	Queen Creek	Below Whitlow Dam to confluence with Gila River
SC	Agua Caliente Lake	12325 East Roger Road, Tucson 32°16'51"/110°43'52"
SC	Agua Caliente Wash	Headwaters to confluence with Soldier Trail
SC	Alum Gulch	From 31°28'20"/110°43'51" to 31°29'17"/110°44'25"

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SC	Alum Gulch	Below 31°29'17"/110°44'25" to confluence with Sonoita Creek
SC	Arivaca Creek	Headwaters to confluence with Altar Wash
SC	Arivaca Lake	31°31'52"/111°15'06"
SC	Black Wash (EDW)	Pima County WWMD Avra Valley WWTP outfall at 32°09'58"/111°11'17" to confluence with Brawley Wash
SC	California Gulch	Headwaters To U.S./Mexico border
SC	Cañada del Oro	Headwaters to State Route 77
SC	Cienega Creek	Headwaters to confluence with Gardner Canyon
SC	Cienega Creek (OAW)	From confluence with Gardner Canyon to USGS gaging station (#09484600)
SC	Davidson Canyon (OAW)	From unnamed Spring to confluence with unnamed tributary at 31°59'09"/110°38'44"

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SC	Davidson Canyon (OAW)	From unnamed spring to confluence with Cienega Creek
SC	Empire Gulch	From 31°47'18"/110°38'17" to 31°47'03"/110°37'35"
SC	Empire Gulch	From 31°47'05"/110°36'58" to confluence with Cienega Creek
SC	Gardner Canyon Creek	Headwaters to confluence with Sawmill Canyon
SC	Gardner Canyon Creek	Below Sawmill Canyon to confluence with Cienega Creek
SC	Holden Canyon Creek	Headwaters to U.S./Mexico border
SC	Kennedy Lake	Mission Road & Ajo Road, Tucson at 32°10'49"/111°00'27"
SC	Lakeside Lake	8300 East Stella Road, Tucson at 32°11'11"/110°49'00"
SC	Lemmon Canyon Creek	Headwaters to confluence with unnamed tributary at 32°23'48"/110°47'49"

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SC	Lemmon Canyon Creek	Below unnamed tributary at 32°23'48"/110°47'49" to confluence with Sabino Canyon Creek
SC	Madera Canyon Creek	Headwaters to confluence with unnamed tributary at 31°43'42"/110°52'51"
SC	Madera Canyon Creek	Below unnamed tributary at 31°43'42"/110°52'51 to confluence with the Santa Cruz River
SC	Mattie Canyon	Headwaters to confluence with Cienega Creek "
SC	Nogales Wash	Headwaters to confluence with Potrero Creek
SC	Palisade Canyon	Headwaters to confluence with unnamed tributary at 32°22'33"/110°45'31"
SC	Palisade Canyon	Below 32°22'33"/110°45'31" to unnamed tributary of Sabino Canyon
SC	Parker Canyon Creek	Headwaters to confluence with unnamed tributary at 31°24'17"/110°28'47"

SC	Parker Canyon Creek	Below unnamed tributary to U.S./Mexico border
SC	Parker Canyon Lake	31°25'35"/110°27'15"
SC	Patagonia Lake	31°29'56"/110°50'49"
SC	Peña Blanca Lake	31°24'15"/111°05'12"
SC	Potrero Creek	Below Interstate 19 to confluence with Santa Cruz River
SC	Quitobaquito Spring	(Pond and Springs) 31°56'39"/113°01'06"
SC	Redrock Canyon Creek	Headwaters to confluence with Harshaw Creek
SC	Romero Canyon Creek	Headwaters to confluence with unnamed tributary at 32°24'29"/110°50'39"
SC	Romero Canyon Creek	Below unnamed tributary to confluence with Sutherland Wash
SC	Rose Canyon Creek	Headwaters to confluence with Sycamore Canyon

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SC	Rose Canyon Lake	32°23'13"/110°42'38"
SC	Ruby Lakes	31°26'29"/111°14'22"
SC	Sabino Canyon	Headwaters to 32°23'20"/110°47'06"
SC	Sabino Canyon	Below 32°23'20"/110°47'06" to confluence with Tanque Verde River
SC	Santa Cruz River	Headwaters to the at U.S./Mexico border
SC	Santa Cruz River	U.S./Mexico border to the Nogales International WWTP outfall at 31°27'25"/110°58'04"
SC	Santa Cruz River	Josephine Canyon to Agua Nueva WRF outfall at 32°17'04"/111°01'45"
SC	Santa Cruz River (EDW)	Nogales International WWTP outfall to the Josephine Canyon
SC	Santa Cruz River (EDW)	Agua Nueva WRF outfall to Baumgartner Road

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SC	Santa Cruz River	Baumgartner Road to the Ak Chin Indian Reservation boundary
SC	Santa Cruz Wash, North Branch (EDW)	City of Casa Grande WRF outfall to 1 km downstream
SC	Santa Rosa Wash (EDW)	Palo Verde Utilities CO-WRF outfall at 33°04'20"/112°01'47" to the Ak Chin Indian Reservation
SC	Sonoita Creek	Headwaters to the Town of Patagonia WWTP outfall at 31°32'25"/110°45'31"
SC	Sonoita Creek	Below 1600 feet downstream of Town of Patagonia WWTP outfall groundwater upwelling point to confluence with the Santa Cruz River
SC	Sonoita Creek (EDW)	Town of Patagonia WWTP outfall to permanent groundwater upwelling point approximately 1600 feet downstream of outfall
SC	Sutherland Wash	Headwaters to confluence with Cañada del Oro

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SC	Sycamore Canyon	Headwaters to 32°21'60" / 110°44'48"
SC	Sycamore Canyon	From 32°21'60" / 110°44'48" to Sycamore Reservoir
SC	Sycamore Canyon	Headwaters to the U.S./Mexico border
SC	Sycamore Reservoir	32°20'57"/110°47'38"
SC	Tanque Verde Creek	Headwaters to Houghton Road
SC	Three R Canyon	From 31°28'26"/110°46'04" to 31°28'28"/110°47'15" (Cox Gulch)
SC	Unnamed Wash (EDW)	Oracle Sanitary District WWTP outfall at 32°36'54"/ 110°48'02" to 5 km downstream
SC	Unnamed Wash (EDW)	Arizona City Sanitary District WWTP outfall at 32°45'43"/111°44'24" to confluence with Santa Cruz Wash



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SC	Unnamed Wash (EDW)	Saddlebrook WWTP outfall at 32°32'00"/110°53'01" to confluence with Cañada del Oro
SC	Wakefield Canyon	Headwaters to confluence with unnamed tributary at 31°52'48"/110°26'27"
SC	Wakefield Canyon	Below confluence with unnamed tributary to confluence with Cienega Creek
SC	Wild Burro Canyon	Headwaters to confluence with unnamed tributary at 32°27'43"/111°05'47"
SC	Alum Gulch	Headwaters to 31°28'20"/110°43'51"
SC	Pantano Wash	Headwaters to confluence with Tanque Verde Creek
SC	Potrero Creek	Headwaters to Interstate 19
SC	Rillito Creek	Headwaters to confluence with the Santa Cruz River

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SC	Three R Canyon	Headwaters to Unnamed Trib to Three R Canyon at 31°28'26"/110°46'04"
SC	Three R Canyon	From (Cox Gulch) 31°28'28"/110°47'15" to confluence with Sonoita Creek
SC	Greene Wash	Santa Cruz River to the Tohono O'odham Indian Reservation boundary
SC	Greene Wash	Tohono O'odham Indian Reservation boundary to confluence with Santa Rosa Wash at 32°53'52"/111°56'48"
SC	Harshaw Creek	Headwaters to confluence with Sonoita Creek
SP	Abbot Canyon	Headwaters to confluence with Whitewater Draw
SP	Aravaipa Creek	Headwaters to confluence with Stowe Gulch
SP	Aravaipa Creek	Below downstream boundary of Aravaipa Canyon Wilderness Area to confluence with the San Pedro River

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SP	Aravaipa Creek (OAW)	Stowe Gulch to downstream boundary of Aravaipa Canyon Wilderness Area
SP	Ash Creek	Headwaters to 31°50'28"/109°40'04"
SP	Babocomari River	Headwaters to confluence with the San Pedro River
SP	Bass Canyon Creek	Headwaters to confluence with unnamed tributary at 32°26'06"/110°13'22"
SP	Bass Canyon Creek	Below confluence with unnamed tributary to confluence with Hot Springs Canyon Creek
SP	Bear Creek	Headwaters to U.S./Mexico border
SP	Big Creek	Headwaters to confluence with Pitchfork Canyon
SP	Black Draw	Headwaters to the U.S./Mexico border
SP	Booger Canyon	Headwaters to confluence with Aravaipa Creek

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SP	Buck Canyon	Headwaters to confluence with Buck Creek Tank
SP	Buehman Canyon Creek	Below confluence with unnamed tributary to confluence with San Pedro River
SP	Buehman Canyon Creek (OAW)	Headwaters to confluence with unnamed tributary at 32°24'54"/110°32'10"
SP	Bullock Canyon	Headwaters to confluence with Buehman Canyon
SP	Carr Canyon Creek	Headwaters to confluence with unnamed tributary at 31°27'01"/110°15'48"
SP	Carr Canyon Creek	Below confluence with unnamed tributary to confluence with the San Pedro River
SP	Copper Creek	Headwaters to confluence with Prospect Canyon
SP	Deer Creek	Headwaters to confluence with unnamed tributary at 32°59'57"/110°20'11"
SP	Deer Creek	Below confluence with unnamed tributary to confluence with Aravaipa Creek

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SP	Dixie Canyon	Headwaters to confluence with Mexican Canyon
SP	Double R Canyon Creek	Headwaters to confluence with Bass Canyon
SP	Dry Canyon	Headwaters to confluence with Whitewater draw
SP	Espiritu Canyon Creek	Headwaters to confluence with Soza Wash
SP	Fourmile Creek	Headwaters to confluence with Aravaipa Creek
SP	Fourmile Canyon, Left Prong	Headwaters to confluence with unnamed tributary at 32°43'15"/110°23'46"
SP	Fourmile Canyon, Left Prong	Below confluence with unnamed tributary to confluence with Fourmile Canyon Creek
SP	Fourmile Canyon, Right Prong	Headwaters to confluence with Fourmile Canyon
SP	Garden Canyon Creek	Headwaters to confluence with unnamed tributary at 31°29'01"/110°19'44"

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SP	Garden Canyon Creek	Below confluence with unnamed tributary to confluence with the San Pedro River
SP	Glance Creek	Headwaters to confluence with Whitewater Draw
SP	Gold Gulch	Headwaters to U.S./Mexico border
SP	Goudy Canyon Wash	Headwaters to confluence with Grant Creek
SP	Grant Creek	Headwaters to confluence with unnamed tributary at 32°38'10"/109°56'37"
SP	Grant Creek	Below confluence with unnamed tributary to terminus near Willcox Playa
SP	High Creek	Headwaters to confluence with unnamed tributary at 32°33'08"/110°14'42"
SP	High Creek	Below confluence with unnamed tributary to terminus near Willcox Playa
SP	Horse Camp Canyon	Headwaters to confluence with Aravaipa Creek

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SP	Hot Springs Canyon Creek	Headwaters to confluence with the San Pedro River
SP	Johnson Canyon	Headwaters to Whitewater Draw at 31°32'46"/109°43'32"
SP	Lake Cochise (EDW)	South of Twin Lakes Municipal Golf Course at 32°13'50"/109°49'27"
SP	Leslie Canyon Creek	Headwaters to confluence with Whitewater Draw
SP	Mexican Canyon	Headwaters to confluence with Dixie Canyon
SP	Miller Canyon	Headwaters to Broken Arrow Ranch Road at 31°25'35"/110°15'04"
SP	Miller Canyon	Below Broken Arrow Ranch Road to confluence with the San Pedro River
SP	Moonshine Creek	Headwaters to confluence with Post Creek
SP	Mule Gulch	Headwaters to the Lavender Pit at 31°26'11"/109°54'02"
SP	Oak Grove Canyon	Headwaters to confluence with Turkey Creek

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SP	Paige Canyon Creek	Headwaters to confluence with the San Pedro River
SP	Pinery Creek	Headwaters to State Highway 181
SP	Pinery Creek	Below State Highway 181 to terminus near Willcox Playa
SP	Post Creek	Headwaters to confluence with Grant Creek
SP	Ramsey Canyon Creek	Headwaters to Forest Service Road #110 at 31°27'44"/110°17'30"
SP	Ramsey Canyon Creek	Below Forest Service Road #110 to confluence with Carr Wash
SP	Rattlesnake Creek	Headwaters to confluence with Brush Canyon
SP	Rattlesnake Creek	Below confluence with Brush Canyon to confluence with Aravaipa Creek
SP	Redfield Canyon	Headwaters to confluence with unnamed tributary at 32°33'40"/110°18'42"
SP	Redfield Canyon	Below confluence with unnamed tributary to confluence with the San Pedro River



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SP	Riggs Lake	32°42'28"/109°57'53"
SP	Rock Creek	Headwaters to confluence with Turkey Creek Alc
SP	Rucker Canyon	Headwaters to confluence with Whitewater Draw
SP	Rucker Canyon Lake	31°46'46"/109°18'30"
SP	San Pedro River	U.S./ Mexico Border to Buehman Canyon
SP	San Pedro River	From Buehman canyon to confluence with the Gila River
SP	Snow Flat Lake	32°39'10"/109°51'54"
SP	Soldier Creek	Headwaters to confluence with Post Creek at 32°40'50"/109°54'41"
SP	Soto Canyon	Headwaters to confluence with Dixie Canyon
SP	Swamp Springs Canyon	Headwaters to confluence with Redfield Canyon

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SP	Turkey Creek	Headwaters to confluence with Aravaipa Creek
SP	Turkey Creek	Headwaters to confluence with Rock Creek
SP	Turkey Creek	Below confluence with Rock Creek to terminus near Willcox Playa
SP	Unnamed Wash (EDW)	Mt. Lemmon WWTP outfall at 32°26'51"/110°45'08" to 0.25 km downstream
SP	Virgus Canyon	Headwaters to confluence with Aravaipa Creek
SP	Walnut Gulch (EDW)	Tombstone WWTP outfall to the confluence with Tombstone Wash
SP	Ward Canyon	Headwaters to confluence with Turkey Creek
SP	Whitewater Draw	Below confluence with unnamed tributary to U.S./ Mexico border
SR	Ackre Lake	33°37'01"/109°20'40"
SR	Apache Lake	33°37'23"/111°12'26"
SR	Barnhardt Creek	Headwaters to confluence with unnamed tributary at 34°05'37"/111°26'40"

SR	Barnhardt Creek	Below confluence with unnamed tributary to confluence with Rye Creek
SR	Basin Lake	33°55'00"/109°26'09"
SR	Bear Creek	Headwaters to confluence with the Black River
SR	Bear Wallow Creek (OAW)	Headwaters to confluence with the Black River
SR	Bear Wallow Creek, North Fork (OAW)	Headwaters to confluence with Bear Wallow Creek
SR	Bear Wallow Creek, South Fork (OAW)	Headwaters to confluence with Bear Wallow Creek
SR	Beaver Creek	Headwaters to confluence with Black River
SR	Big Lake	33°52'36"/109°25'33"
SR	Black River	Headwaters to confluence with Salt River
SR	Black River, East Fork	From 33°51'19"/109°18'54" to confluence with the Black River

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SR	Black River, North Fork of East Fork	Headwaters to confluence with Boneyard Creek
SR	Black River, West Fork	Headwaters to confluence with the Black River
SR	Boggy Creek	Headwaters to confluence with Centerfire Creek
SR	Boneyard Creek	Headwaters to confluence with Black River, East Fork
SR	Boulder Creek	Headwaters to confluence with LaBarge Creek
SR	Campaign Creek	Headwaters to Roosevelt Lake
SR	Canyon Creek	Headwaters to the White Mountain Apache Reservation boundary
SR	Canyon Lake	33°32'44"/111°26'19"
SR	Centerfire Creek	Headwaters to confluence with the Black River
SR	Chambers Draw Creek	Headwaters to confluence with the North Fork of the East Fork of Black River

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SR	Cherry Creek	Headwaters to confluence with unnamed tributary at 34°05'09"/110°56'07"
SR	Cherry Creek	Below unnamed tributary to confluence with the Salt River
SR	Christopher Creek	Headwaters to confluence with Tonto Creek
SR	Cold Spring Canyon Creek	Headwaters to confluence with unnamed tributary at 33°49'50"/110°52'58"
SR	Cold Spring Canyon Creek	Below confluence with unnamed tributary to confluence with Cherry Creek
SR	Conklin Creek	Headwaters to confluence with the Black River
SR	Coon Creek	Headwaters to confluence with unnamed tributary at 33°46'41"/110°54'26"
SR	Coon Creek	Below confluence with unnamed tributary to confluence with Salt River
SR	Corduoy Creek	Headwaters to confluence with Fish Creek
SR	Coyote Creek	Headwaters to confluence with the Black River, East Fork

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SR	Crescent Lake	33°54'38"/109°25'18"
SR	Deer Creek	Headwaters to confluence with the Black River, East Fork
SR	Del Shay Creek	Headwaters to confluence with Gun Creek
SR	Devils Chasm Creek	Headwaters to confluence with unnamed tributary at 33°48'46" /110°52'35"
SR	Devils Chasm Creek	Below confluence with unnamed tributary to confluence with Cherry Creek
SR	Dipping Vat Reservoir	33°55'47"/109°25'31"
SR	Double Cienega Creek	Headwaters to confluence with Fish Creek
SR	Fish Creek	Headwaters to confluence with the Black River
SR	Fish Creek	Headwaters to confluence with the Salt River

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SR	Gold Creek	Headwaters to confluence with unnamed tributary at 33°59'47"/111°25'10"
SR	Gold Creek	Below confluence with unnamed tributary to confluence with Tonto Creek
SR	Gordon Canyon Creek	Headwaters to confluence with Hog Canyon
SR	Gordon Canyon Creek	Below confluence with Hog Canyon to confluence with Haigler Creek
SR	Greenback Creek	Headwaters to confluence with Tonto Creek
SR	Haigler Creek	Headwaters to confluence with unnamed tributary at 34°12'23"/111°00'15"
SR	Haigler Creek	Below confluence with unnamed tributary to confluence with Tonto Creek
SR	Hannagan Creek	Headwaters to confluence with Beaver Creek
SR	Hay Creek (OAW)	Headwaters to confluence with the Black River, West Fork
SR	Home Creek	Headwaters to confluence with the Black River, West Fork

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SR	Horse Camp Creek	Headwaters to confluence with unnamed tributary at 33°54'00"/110°50'07"
SR	Horse Camp Creek	Below confluence with unnamed tributary to confluence with Cherry Creek
SR	Horse Creek	Headwaters to confluence with the Black River, West Fork
SR	Horton Creek	Headwaters to confluence with Tonto Creek
SR	Houston Creek	Headwaters to confluence with Tonto Creek
SR	Hunter Creek	Headwaters to confluence with Christopher Creek
SR	LaBarge Creek	Headwaters to Canyon Lake
SR	Lake Sierra Blanca	33°52'25"/109°16'05"
SR	Mule Creek	Headwaters to confluence with Canyon Creek
SR	Open Draw Creek	Headwaters to confluence with the East Fork of Black River



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SR	P B Creek	Headwaters to Forest Service Road #203 at 33°57'08"/110°56'12"
SR	P B Creek	Below Forest Service Road #203 to Cherry Creek
SR	Pinal Creek	From Lower Pinal Creek WTP outfall # to See Ranch Crossing at 33°32'25"/110°52'28"
SR	Pinal Creek	From See Ranch Crossing to confluence with unnamed tributary at 33°35'28"/110°54'31"
SR	Pinal Creek	From unnamed tributary to confluence with Salt River
SR	Pinal Creek (EDW)	Confluence with unnamed EDW wash (Globe WWTP) to 33°26'55"/110°49' 25"
SR	Pine Creek	Headwaters to confluence with the Salt River
SR	Pinto Creek	Headwaters to confluence with unnamed tributary at 33°19'27"/110°54'58"
SR	Pinto Creek	Below confluence with unnamed tributary to Roosevelt Lake
SR	Pole Corral Lake	33°30'38"/110°00'15"

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SR	Pueblo Canyon Creek	Headwaters to confluence with unnamed tributary at 33°50'23"/110°51'37"
SR	Pueblo Canyon Creek	Below confluence with unnamed tributary to confluence with Cherry Creek
SR	Reevis Creek	Headwaters to confluence with Pine Creek
SR	Reservation Creek	Headwaters to confluence with the Black River
SR	Reynolds Creek	Headwaters to confluence with Workman Creek
SR	Roosevelt Lake	33°52'17"/111°00'17"
SR	Rye Creek	Headwaters to confluence with Tonto Creek
SR	Saguaro Lake	33°33'44"/111°30'55"
SR	Salome Creek	Headwaters to confluence with the Salt River

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SR	Salt House Lake	33°57'04"/109°20'11"
SR	Salt River	White Mountain Apache Reservation Boundary at 33°48'52"/110°31'33" to Roosevelt Lake
SR	Salt River	Theodore Roosevelt Dam to 2 km below Granite Reef Dam
SR	Slate Creek	Headwaters to confluence with Tonto Creek
SR	Snake Creek (OAW)	Headwaters to confluence with the Black River
SR	Spring Creek	Headwaters to confluence with Tonto Creek
SR	Stinky Creek (OAW)	Headwaters to confluence with the Black River, West Fork
SR	Thomas Creek	Headwaters to confluence with Beaver Creek
SR	Thompson Creek	Headwaters to confluence with the West Fork of the Black River
SR	Tonto Creek	Headwaters to confluence with unnamed tributary at 34°18'11"/111°04'18"

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SR	Tonto Creek	Below confluence with unnamed tributary to Roosevelt Lake
SR	Turkey Creek	Headwaters to confluence with Rock Creek
SR	Wildcat Creek	Headwaters to confluence with Centerfire Creek
SR	Willow Creek	Headwaters to confluence with Beaver Creek
SR	Workman Creek	Headwaters to confluence with Reynolds Creek
SR	Workman Creek	Below confluence with Reynolds Creek to confluence with Salome Creek
UG	Apache Creek	Headwaters to confluence with the Gila River
UG	Ash Creek	Headwaters to confluence with unnamed tributary at 32°46'15"/109°51'45"
UG	Ash Creek	Below confluence with unnamed tributary to confluence with the Gila River
UG	Bitter Creek	Headwaters to confluence with the Gila River

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UG	Blue River	Headwaters to confluence with Strayhorse Creek at 33°29'02"/109°12'14"
UG	Blue River	Below confluence with Strayhorse Creek to confluence with San Francisco River
UG	Bonita Creek (OAW)	San Carlos Indian Reservation boundary to confluence with the Gila River
UG	Buckelew Creek	Headwaters to confluence with Castle Creek
UG	Campbell Blue Creek	Headwaters to confluence with the Blue River
UG	Castle Creek	Headwaters to confluence with Campbell Blue Creek
UG	Cave Creek	Below Coronado National Forest boundary to New Mexico border
UG	Cave Creek (OAW)	Headwaters to confluence with South Fork Cave Creek
UG	Cave Creek (OAW)	Below confluence with South Fork Cave Creek to Coronado National Forest boundary
UG	Cave Creek, South Fork	Headwaters to confluence with Cave Creek

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UG	Chase Creek	Headwaters to the Phelps-Dodge Morenci Mine
UG	Chitty Canyon Creek	Headwaters to confluence with Salt House Creek
UG	Cima Creek	Headwaters to confluence with Cave Creek
UG	Cluff Reservoir #1	32°48'55"/109°50'46"
UG	Cluff Reservoir #3	32°48'21"/109°51'46"
UG	Coleman Creek	Headwaters to confluence with Campbell Blue Creek
UG	Dankworth Lake	32°43'13"/109°42'17"
UG	Deadman Canyon Creek	Headwaters to confluence with unnamed tributary at 32°43'50"/109°49'03"
UG	Deadman Canyon Creek	Below confluence with unnamed tributary to confluence with Graveyard Wash
UG	Eagle Creek	Headwaters to confluence with unnamed tributary at 33°22'32"/109°29'43"

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UG	Eagle Creek	Below confluence with unnamed tributary to confluence with the Gila River
UG	East Eagle Creek	Headwaters to confluence with Eagle Creek
UG	East Turkey Creek	Headwaters to confluence with unnamed tributary at 31°58'22"/109°12'20"
UG	East Turkey Creek	Below confluence with unnamed tributary to terminus near San Simon River
UG	East Whitetail	Headwaters to terminus near San Simon River
UG	Emigrant Canyon	Headwaters to terminus near San Simon River
UG	Evans Pond #1	32°49'19"/109°51'12"
UG	Evans Pond #2	32°49'14"/109°51'09"
UG	Fishhook Creek	Headwaters to confluence with the Blue River
UG	Foote Creek	Headwaters to confluence with the Blue River

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UG	Frye Canyon Creek	Headwaters to Frye Mesa Reservoir
UG	Frye Canyon Creek	Frye Mesa reservoir to terminus at Highline Canal.
UG	Frye Mesa Reservoir	32°45'14"/109°50'02"
UG	Gibson Creek	Headwaters to confluence with Marijilda Creek
UG	Gila River	New Mexico border to the San Carlos Indian Reservation boundary
UG	Grant Creek	Headwaters to confluence with the Blue River
UG	Judd Lake	33°51'15"/109°09'35"
UG	K P Creek (OAW)	Headwaters to confluence with the Blue River
UG	Lanphier Canyon Creek	Headwaters to confluence with the Blue River
UG	Little Blue Creek	Headwaters to confluence with Dutch Blue Creek



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UG	Little Blue Creek	Below confluence with Dutch Blue Creek to confluence with Blue Creek
UG	Little Creek	Headwaters to confluence with the San Francisco River
UG	Luna Lake	33°49'50"/109°05'06"
UG	Marijilda Creek	Headwaters to confluence with Gibson Creek
UG	Marijilda Creek	Below confluence with Gibson Creek to confluence with Stockton Wash
UG	Markham Creek	Headwaters to confluence with the Gila River
UG	Pigeon Creek	Headwaters to confluence with the Blue River
UG	Raspberry Creek	Headwaters to confluence with the Blue River
UG	Roper Lake	32°45'23"/109°42'14"
UG	San Francisco River	Headwaters to the New Mexico border
UG	San Francisco River	New Mexico border to confluence with the Gila River

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UG	Smith Pond	32°49'15"/109°50'36"
UG	Squaw Creek	Headwaters to confluence with Thomas Creek
UG	Stone Creek	Headwaters to confluence with the San Francisco River
UG	Strayhorse Creek	Headwaters to confluence with the Blue River
UG	Thomas Creek	Headwaters to confluence with Rousensock Creek
UG	Thomas Creek	Below confluence with Rousensock Creek to confluence with Blue River
UG	Tinny Pond	33°47'49"/109°04'27"
UG	Turkey Creek	Headwaters to confluence with Campbell Blue Creek
VR	American Gulch	Headwaters to the Northern Gila County Sanitary District WWTP outfall at 34°14'02"/111°22'14"
VR	American Gulch (EDW)	Below Northern Gila County Sanitary District WWTP outfall to confluence with the East Verde River
VR	Apache Creek	Headwaters to confluence with Walnut Creek

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VR	Aspen Creek	Headwaters to confluence with Granite Creek
VR	Bartlett Lake	33°49'52"/111°37'44"
VR	Beaver Creek	Headwaters to confluence with the Verde River
VR	Bitter Creek	Below the Yavapai Apache Indian Reservation boundary to confluence with the Verde River
VR	Bitter Creek (EDW)	Jerome WWTP outfall to the Yavapai Apache Indian Reservation boundary
VR	Black Canyon Creek	Headwaters to confluence with unnamed tributary at 34°39'20"/112°05'06"
VR	Black Canyon Creek	Below confluence with unnamed tributary to confluence with the Verde River
VR	Bonita Creek	Headwaters to confluence with Ellison Creek
VR	Bray Creek	Headwaters to confluence with Webber Creek

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VR	Camp Creek	Headwaters to confluence with the Sycamore Creek
VR	Chase Creek	Headwaters to confluence with the East Verde River
VR	Clover Creek	Headwaters to confluence withHeadwaters of West Clear Creek
VR	Coffee Creek	Headwaters to confluence with Spring Creek
VR	Dead Horse Lake	34°45'08"/112°00'42"
VR	Deadman Creek	Headwaters to Horseshoe Reservoir
VR	Del Monte Gulch (EDW)	City of Cottonwood WWTP outfall 002 at 34°43'57"/112°02'46" to confluence with Blowout Creek
VR	Del Rio Dam Lake	34°48'55"/112°28'03"
VR	Dry Beaver Creek	Headwaters to confluence with Beaver Creek

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VR	Dry Creek (EDW)	Sedona Ventures WWTP outfall at 34°50'02"/111°52'17" to 34°48'12"/111°52'48"
VR	Dude Creek	Headwaters to confluence with the East Verde River
VR	East Verde River	Headwaters to confluence with Ellison Creek
VR	East Verde River	Below confluence with Ellison Creek to confluence with the Verde River
VR	Ellison Creek	Headwaters to confluence with the East Verde River
VR	Fossil Creek (OAW)	Headwaters to confluence with the Verde River
VR	Fossil Springs (OAW)	34°25'24"/111°34'27"
VR	Foxboro Lake	34°53'42"/111°39'55"
VR	Fry Lake	35°03'45"/111°48'04"
VR	Gap Creek	Headwaters to confluence with Government Spring

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VR	Gap Creek	Below Government Spring to confluence with the Verde River
VR	Goldwater Lake, Lower	34°29'56"/112°27'17"
VR	Goldwater Lake, Upper	34°29'52"/112°26'59"
VR	Granite Basin Lake	34°37'01"/112°32'58"
VR	Granite Creek	Headwaters to Watson Lake
VR	Granite Creek	Below Watson Lake to confluence with the Verde River
VR	Green Valley Lake (EDW)	34°13'54"/111°20'45"
VR	Horseshoe Reservoir	34°00'25"/111°43'36"
VR	Houston Creek	Headwaters to confluence with the Verde River
VR	J.D. Dam Lake	35°04'02"/112°01'48"
VR	Jacks Canyon (EDW)	Below Big Park WWTP outfall to confluence with Dry Beaver Creek

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VR	Lime Creek	Headwaters to Horseshoe Reservoir
VR	Masonry Number 2 Reservoir	35°13'32"/112°24'10"
VR	McLellan Reservoir	35°13'09"/112°17'06"
VR	Oak Creek (OAW)	Headwaters to confluence with unnamed tributary at 34°59'15"/111°44'47"
VR	Oak Creek (OAW)	Below confluence with unnamed tributary to confluence with Verde River
VR	Oak Creek, West Fork (OAW)	Headwaters to confluence with Oak Creek
VR	Odell Lake	34°56'5"/111°37'53"
VR	Peck's Lake	34°46'51"/112°02'01"
VR	Pine Creek	Headwaters to confluence with unnamed tributary at 34°21'51"/111°26'49"
VR	Pine Creek	Below confluence with unnamed tributary to confluence with East Verde River

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VR	Red Creek	Headwaters to confluence with the Verde River
VR	Reservoir #1	35°13'5"/111°50'09"
VR	Reservoir #2	35°13'17"/111°50'39"
VR	Roundtree Canyon Creek	Headwaters to confluence with Tangle Creek
VR	Scholze Lake	35°11'53"/112°00'37"
VR	Spring Creek	Headwaters to confluence with unnamed tributary at 34°57'23"/111°57'21"
VR	Spring Creek	Below confluence with unnamed tributary to confluence with Oak Creek
VR	Steel Dam Lake	35°13'36"/112°24'54"
VR	Stehr Lake	34°22'01"/111°40'02"
VR	Stoneman Lake	34°46'47"/111°31'14"



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VR	Sullivan Lake	34°51'42"/112°27'51"
VR	Sycamore Creek	Headwaters to confluence with unnamed tributary at 35°03'41"/111°57'31"
VR	Sycamore Creek	Below confluence with unnamed tributary to confluence with Verde River
VR	Sycamore Creek	Headwaters to confluence with Verde River at 33°37'55"/111°39'58"
VR	Sycamore Creek	Headwaters to confluence with Verde River at 34°04'42"/111°42'14"
VR	Tangle Creek	Headwaters to confluence with Verde River
VR	Unnamed Wash	Flagstaff Meadows WWTP outfall at '35°13'59"/111°48'35" to Volunteer Wash
VR	Verde River	From headwaters at confluence of Chino Wash and Granite Creek to Bartlett Lake Dam
VR	Verde River	Below Bartlett Lake Dam to Salt River
VR	Walnut Creek	Headwaters to confluence with Big Chino Wash

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VR	Watson Lake	34°34'58"/112°25'26"
VR	Webber Creek	Headwaters to confluence with the East Verde River
VR	West Clear Creek	Headwaters to confluence with Meadow Canyon
VR	West Clear Creek	Below confluence with Meadow Canyon to confluence with the Verde River
VR	Wet Beaver Creek	Headwaters to unnamed springs at 34°41'17"/111°34'34"
VR	Wet Beaver Creek	Below unnamed springs to confluence with Dry Beaver Creek
VR	Whitehorse Lake	35°06'59"/112°00'48"
VR	Williamson Valley Wash	From confluence of Mint Wash to 10.5 km downstream
VR	Willow Creek	Above Willow Creek Reservoir
VR	Willow Creek	Below Willow Creek Reservoir to confluence with Granite Creek

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VR	Willow Creek Reservoir	34°36'17"/112°26'19"
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