

*[The entirety of the following text, except the italicized annotations, is proposed to be adopted as the Mono Basin Tribal Beneficial Uses Basin Plan Amendment (Mono Basin Project). Strikethrough text is proposed for deletion. Underlined text is proposed as an addition. The Mono Basin Project would constitute new regulatory language. Several editorial revisions may be made when the Mono Basin Project is incorporated into the Water Quality Control Plan for the Lahontan Region (Basin Plan). Editorial revisions may include, but are not limited to, changes to the title page, table of contents, appendices, page numbers, table and figure numbers, footnote numbers, headers and footers, and other non-substantive changes to improve accessibility of the document.]*

## Chapter 2

# PRESENT AND POTENTIAL BENEFICIAL USES

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An effective water quality control plan requires determination of the beneficial water uses, which are to be designated and maintained. This Chapter identifies beneficial water uses in the Lahontan Region and projects probable future uses.

Section 303 of the federal Clean Water Act (P.L. 92-500, as amended) defines water quality standards as both the uses of the waters involved and the water quality criteria applied to protect those uses. Under the Porter-Cologne Water Quality Control Act (CA Water Code § 13000 et seq.), beneficial uses and water quality objectives are considered separately (see Chapter 3, Water Quality Objectives). Beneficial uses and water quality objectives to protect those beneficial uses are to be established for all waters of the State, both surface (including wetlands) and ground waters.

Twenty-three beneficial uses and their definitions were developed by the State Board staff and recommended for use in the Regional Board Basin Plans. Three of those beneficial uses (Marine Habitat, Estuarine Habitat, and Shellfish Harvesting) are not found within the Region. Regional Board staff added two additional uses (Water Quality Enhancement, Flood Peak Attenuation/Flood Water Storage). Three more uses (Tribal Tradition and Culture, Subsistence Fishing, Tribal Subsistence Fishing) were added from *Part 2 of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California – Tribal and Subsistence Fishing Beneficial Uses and Mercury Provisions*. ~~For the Regional Water Board to designate the Tribal Tradition and Culture or Tribal Subsistence Fishing beneficial uses in a water quality control plan for a particular waterbody segment and time(s) of year, a CALIFORNIA NATIVE AMERICAN TRIBE must confirm the designation is appropriate. A CALIFORNIA NATIVE~~

~~AMERICAN TRIBE is a federally recognized California tribal government listed on the most recent notice of the Federal Register or a non-federally recognized California tribal government on the California Tribal Consultation List maintained by the California Native American Heritage Commission.~~ Thus, the following twelve beneficial use designations have been added since adoption of the 1975 Basin Plans: Industrial Process Supply, Fish Spawning, Fish Migration, Navigation, Commercial and Sport Fishing, Water Quality Enhancement, Preservation of Biological Habitats of Special Significance, Aquaculture Flood Peak Attenuation/Flood Water Storage, Tribal Tradition and Culture, Subsistence Fishing, and Tribal Subsistence Fishing. Specific wetland habitats and their associated beneficial uses has been added in recognition of the value of protecting wetlands. This Chapter contains two tables (Tables 2-1 and 2-2) designating the beneficial uses of surface waters, ground waters, and wetlands.

### Definitions of Beneficial Uses

- AGR Agricultural Supply.** Beneficial uses of waters used for farming, horticulture, or ranching, including, but not limited to, irrigation, stock watering, and support of vegetation for range grazing.
- AQUA Aquaculture.** Beneficial uses of waters used for aquaculture or mariculture operations including, but not limited to, propagation, cultivation, maintenance, and harvesting of aquatic plants and animals for human consumption or bait purposes.
- BIOL Preservation of Biological Habitats of Special Significance.** Beneficial uses of waters that support designated areas or

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habitats, such as established refuges, parks, sanctuaries, ecological reserves, and Areas of Special Biological Significance (ASBS), where the preservation and enhancement of natural resources requires special protection.

**COLD Cold Freshwater Habitat.** Beneficial uses of waters that support cold water ecosystems including, but not limited to, preservation and enhancement of aquatic habitats, vegetation, fish, and wildlife, including invertebrates.

**COMM Commercial and Sportfishing.** Beneficial uses of waters used for commercial or recreational collection of fish or other organisms including, but not limited to, uses involving organisms intended for human consumption.

**CUL Tribal Tradition and Culture.** Uses of water that support the cultural, spiritual, ceremonial, or traditional rights or LIFEWAYS of CALIFORNIA NATIVE AMERICAN TRIBES, including, but not limited to: navigation, ceremonies, or fishing, gathering, or consumption of natural aquatic resources, including fish, shellfish, vegetation, and materials.

LIFEWAYS: Any customs, practices, or art of a CALIFORNIA NATIVE AMERICAN TRIBE

CALIFORNIA NATIVE AMERICAN TRIBE(S): A federally-recognized California tribal government listed on the most recent notice of the Federal Register or a non-federally recognized California tribal government on the California Tribal Consultation List maintained by the California Native American Heritage Commission.

**FLD Flood Peak Attenuation/Flood Water Storage.** Beneficial uses of riparian wetlands in flood plain areas and other wetlands that receive natural surface drainage and buffer its passage to receiving waters.

**FRSH Freshwater Replenishment.** Beneficial uses of waters used for natural or artificial maintenance of surface water quantity or quality (e.g., salinity).

**GWR Ground Water Recharge.** Beneficial uses of waters used for natural or artificial recharge of ground water for purposes of future extraction, maintenance of water quality, or halting of saltwater intrusion into freshwater aquifers.

**IND Industrial Service Supply.** Beneficial uses of waters used for industrial activities that do not depend primarily on water quality including, but not limited to, mining, cooling water supply, geothermal energy production, hydraulic conveyance, gravel washing, fire protection, and oil well repressurization.

**MIGR Migration of Aquatic Organisms.** Beneficial uses of waters that support habitats necessary for migration, acclimatization between fresh and salt water, or temporary activities by aquatic organisms, such as anadromous fish.

**MUN Municipal and Domestic Supply.** Beneficial uses of waters used for community, military, or individual water supply systems including, but not limited to, drinking water supply.

**NAV Navigation.** Beneficial uses of waters used for shipping, travel, or other transportation by private, military, or commercial vessels.

**POW Hydropower Generation.** Beneficial uses of waters used for hydroelectric power generation.

**PRO Industrial Process Supply.** Beneficial uses of waters used for industrial activities that depend primarily on water quality.

**RARE Rare, Threatened, or Endangered Species.** Beneficial uses of waters that support habitat necessary for the survival and successful maintenance of plant or animal species established under state and/or federal law as rare, threatened or endangered.

**REC-1 Water Contact Recreation.** Beneficial uses of waters used for recreational activities involving body contact with water where ingestion of water is reasonably possible. These uses include, but are not limited to, swimming, wading, water-skiing, skin and scuba diving, surfing, white water activities, fishing, and use of natural hot springs.

- REC-2 **Noncontact Water Recreation.** Beneficial uses of waters used for recreational activities involving proximity to water, but not normally involving body contact with water where ingestion of water is reasonably possible. These uses include, but are not limited to, picnicking, sunbathing, hiking, beach-combing, camping, boating, tidepool and marine life study, hunting, sightseeing, and aesthetic enjoyment in conjunction with the above activities.
  
- SAL **Inland Saline Water Habitat.** Beneficial uses of waters that support inland saline water ecosystems including, but not limited to, preservation and enhancement of aquatic saline habitats, vegetation, fish, and wildlife, including invertebrates.
  
- SPWN **Spawning, Reproduction, and Development.** Beneficial uses of waters that support high quality aquatic habitat necessary for reproduction and early development of fish
  
- SUB **Subsistence Fishing.** Uses of water involving the non-commercial catching or gathering of natural aquatic resources, including fish and shellfish, for consumption by individuals, households, or communities, to meet needs for sustenance.
  
- T-SUB **Tribal Subsistence Fishing.** Uses of water involving the non-commercial catching or gathering of natural aquatic resources, including fish and shellfish, for consumption by individuals, households, or communities of California Native American Tribes to meet needs for sustenance.
  
- WARM **Warm Freshwater Habitat.** Beneficial uses of waters that support warm water ecosystems including, but not limited to, preservation and enhancement of aquatic habitats, vegetation, fish, and wildlife, including invertebrates.
  
- WILD **Wildlife Habitat.** Beneficial uses of waters that support wildlife habitats including, but not limited to, the preservation and enhancement of vegetation and prey species used by wildlife, such as waterfowl.
  
- WQE **Water Quality Enhancement.** Beneficial uses of waters that support natural enhancement or improvement of water quality in or downstream of a water body including, but not limited to, erosion control, filtration and purification of naturally occurring

water pollutants, streambank stabilization, maintenance of channel integrity, and siltation control.

## Historical Beneficial Uses

The 1975 Basin Plans included brief discussions of the history of human water use in the Lahontan Region, and tables of “historical” beneficial use designations from earlier interstate water policies and “interim” final Basin Plans. Earlier beneficial use designations were primarily on a watershed basis; the 1975 Plans designated uses for specific water bodies. Copies of historical information from the 1975 Plans may be obtained by contacting Regional Board staff. The 1975 beneficial use designations were based on knowledge of the existing and potential water uses, with emphasis on the former. For example, many high quality surface waters of the North Lahontan Basin were not designated for municipal use because water supplies in these areas were taken from ground water sources. Historical beneficial uses have been incorporated into Table 2-1 and 2-2 as potential uses (a use which once existed could potentially exist again).

Removal of a use designation requires a “Use Attainability Analysis,” using U.S. Environmental Protection Agency methodology, to show that the use does not occur and cannot reasonably be attained.

### Present and Potential Beneficial Uses

In the Basin Planning process, a number of beneficial uses are usually identified for a given body of water. Water quality objectives are established (see Chapter 3) which are sufficiently stringent to protect the most sensitive use. The Regional Board reserves the right to resolve any conflicts among beneficial uses, based on the facts in a given case. It should be noted that the assimilation of wastes is not a beneficial use.

In the tables of beneficial uses (Tables 2-1 and 2-2), an "X" indicates an existing or potential use. Many of the existing uses are documented by biological data or human use statistics; some are not. Lakes and streams may have potential beneficial uses established because: (1) plans already exist to put the water to those uses, (2) conditions (location, demand) make such future use likely, (3) the water has been identified as a potential source of drinking water based on the quality and quantity available (see Sources of Drinking Water Policy, in Appendix B), and/or (4) existing water quality does not support these uses, but remedial measures may lead to attainment in the future. The establishment of a potential beneficial use can have different purposes such as: (1) establishing a water quality goal which must be achieved through control actions in order to reestablish a beneficial use as in No. 4, above, or (2) serving to protect the existing quality of a water source for eventual use.

The water body listings in Tables 2-1 and 2-2 name all significant surface waters, ground water basins and wetlands. Maps of the hydrologic units and the ground water basins are included as part of this Basin Plan (see Plates 1A and 1B, 2A and 2B). Hydrologic units, ground water basins, and wetlands are listed from north to south. Unit and basin numbers are provided in the tables for reference to the Department of Water Resources standardized maps. Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1 (i.e., specific surface waters which are not listed have the same beneficial uses as the streams, lakes, wetlands, or reservoirs to which they are tributary). Note that nondegradation policies (see Chapter 3 of this Basin Plan) would supersede in the instances where the tributary is of higher quality than its receiving water. Other minor surface waters, including wetlands, springs, streams, lakes, and ponds, are included under one heading for each hydrologic unit. These minor surface waters have an "X" to designate each potential or existing beneficial use. Also, ground waters which are not a part of the named basins are

recognized as potential or existing "municipal and domestic water supply" (MUN). The beneficial uses for ground water which are contained in Table 2-2 are for each ground water basin or subbasin as an entirety. Some ground water basins contain multiple aquifers or a single aquifer with varying water quality which may support different beneficial uses. In some areas of the Region, useable ground water occurs above or below an aquifer of highly mineralized ground water, which can contain concentrations of dissolved solids and metals, such as arsenic, unsuitable for drinking water. Therefore, the placing of an "X" in Table 2-2 does not indicate that all of the ground waters in that particular location are suitable (without treatment) for a designated beneficial use. However, all waters are designated as MUN unless they have been specifically exempted by the Regional Board through adoption of a Basin Plan amendment after consideration of substantial evidence to exempt such waters (see Sources of Drinking Water Policy in Appendix B). Also, certain surface waters, including internal drainage lakes, may have varying water quality from changes in natural conditions (e.g., change in water volume). The designation of multiple beneficial uses in Table 2-1, which may appear conflicting for a particular surface water, indicates existing or probable future beneficial uses that may occur only temporarily.

In most cases, removing a beneficial use designation from Table 2-1 will require a Use Attainability Analysis (UAA) to be conducted (using USEPA methodology). If there is substantial evidence to remove a use designation from a specific water body, the Regional Board will consider adoption of a Basin Plan amendment to remove a designated beneficial use. However, there are many beneficial uses which are not intended to apply to the entire length of a stream or to a surface water during certain temporal conditions (see above). The beneficial use designations that may be considered for temporary or site specific designation are: IND, PRO, GWR, FRSH, NAV, POW, WARM, COLD, SAL, MIGR, SPWN, and WQE. For these situations, Regional Board staff, in order to make a recommendation to the Regional Board, will rely on site-specific documentation which may include: water quality data, field data, professional opinions (from Regional Board staff or other state and federal agencies, also universities), and other evidence collected by a discharger. The most sensitive existing or probable future use will be protected. Uses that did not exist, do not exist and will not exist in the foreseeable future, will not be required to be protected. The MUN designation will not be considered for a site-specific designation since it is designated for all waters, unless specifically exempted by the Regional Board

in accordance with the State Board's Sources of Drinking Water Policy.

In the 1975 Basin Plans, industrial use of waters in the Lahontan Region was recognized under the "Industrial Service Supply" (IND) beneficial use designation. "Industrial Service Supply" includes uses of water which do not depend primarily on water quality such as cooling water supply, and gravel washing. The beneficial use designation, "Industrial Process Supply" (PRO) includes industrial uses of water for processing and manufacturing of products which do require specific water quality.

This designation has been added to this Plan to differentiate the types of industrial uses. Many of the waters in the Region meet the high quality standards necessary for manufacturing and processing. However, the "Industrial Process Supply" designation has only been added for Searles Lake, the only water body in the Region with a current industrial process use (North American Chemical Corporation's industrial chemical processing operation).

In the 1975 Basin Plans, the "Freshwater Replenishment" (FRSH) designation was used only for ground waters. This Plan adds this designation for many surface waters in the Region which flow to saline lakes. For example, FRSH has been added to the Susan River which is tributary to Honey Lake.

Beneficial use designations of "Spawning, Reproduction, and Development" (SPWN) and "Migration of Aquatic Organisms" (MIGR) have been added to this Plan. These uses were previously considered to be included under "Cold" or "Warm Freshwater Habitat." However, it is acknowledged that SPWN and MIGR require different or greater resource protection than that afforded by the COLD or WARM designations. "Spawning, Reproduction and Development" (SPWN) is designated for streams and lakes where there is evidence (an historic or presently self-sustaining population) that spawning and reproduction regularly occurs. For example, SPWN has been added to Hot Creek in the Owens River watershed. The beneficial use "Migration of Aquatic Organisms" (MIGR) is designated for streams and lakes through which migrations of fish or other aquatic organisms occur or could occur. Taylor Creek is now designated MIGR to protect the migration corridor of the Kokanee salmon. MIGR and SPWN are designated for the stream or lake in its entirety, although, in most cases they are intended to be applied to only portions of the water body. The Regional Board may apply more stringent protection requirements (such as prohibiting culvert installations which result in

detrimental increased stream velocities, or requiring the maintenance of colder stream temperatures for spawning, etc.) along portions of streams where spawning or migration occurs or may occur (see Chapter 3, temperature objectives, and Chapter 4, Fisheries Protection and Management). Conversely, if there is no evidence of, or potential for, spawning, reproduction and/or migration in a specific portion of a water body, specific water quality standards for spawning, reproduction, and/or migration may not be required. The Regional Board will evaluate appropriate use designations on a case-by-case basis if a conflict arises.

The "Navigation" (NAV) beneficial use designation has been added to many surface waters in the Region because of the State Board's revised definition which now includes travel by private vessels. Several rivers, including the Truckee River, and many lakes, including Lake Tahoe, provide for recreational boating and are now recognized with the addition of the NAV beneficial use.

Recreation uses (both Water Contact Recreation, or REC-1, and Non-contact Water Recreation, or REC-2) have been designated for all surface waters of the Lahontan Region. The REC-1 designation meets the intent of the "swimmable" goal of the federal Clean Water Act. Because of the possibility of ingestion, the USEPA expects states to set bacteriological criteria sufficient to support primary contact recreation. The Lahontan Regional Board's regionwide water quality objective for coliform bacteria, which provides that "waters shall not contain concentrations of coliform organisms attributable to anthropogenic sources including human and livestock wastes", is more stringent than the USEPA's current (1986) bacteria criteria for recreational waters, which allow specific minimum concentrations of *Escherichia coli* and enterococci (criteria cited in USEPA, 1998). The USEPA's water quality standards guidance (USEPA, 1993 and 40 CFR 131.10) recognizes that recreation in and on the water may not always be attainable in certain waters, such as wetlands, that do not have sufficient water, at least seasonally, and that "In certain instances, people will use whatever water bodies are available for recreation, regardless of the physical conditions." Although some of the alkaline lakes and geothermal springs of the Lahontan Region may have chemical quality unfit for ingestion, they are generally located within public lands. It would be difficult to show that no public access to a specific water body for water contact recreation has occurred since the adoption of the USEPA water quality standards regulation in 1975, as required for removal of the REC-1 use. The REC-2 use depends to some extent on land uses around surface water bodies, but water quality objectives, including

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nondegradation, which are designed to protect natural water quality, will help to protect this use. The “aesthetic enjoyment” component of the REC-2 use is an important consideration in efforts to preserve the clarity and deep blue color of Lake Tahoe, and to prevent eutrophication of other oligotrophic waters.

The beneficial use designation of “Commercial and Sport Fishing” (COMM) has been added in recognition of commercial and sport fishing, and the collection of other aquatic organisms, including but not limited to uses involving organisms intended for human consumption. This designation has been added for many surface waters in the Region. This use previously was solely designated to protect large populations of fish for commercial collection. The revised definition emphasizes the protection of human health from consumption of fish or other aquatic species collected for commercial or recreation purposes.

The addition of the “Water Quality Enhancement” (WQE) beneficial use designation recognize additional characteristics of water bodies which previously received no formal designation. Beneficial uses of surface waters include their ability to enhance and protect water quality. Characteristics which enable surface waters to provide water quality enhancement include, but are not limited to, riparian vegetation and streambank configuration. The definition of this use is broad enough to allow designation of virtually all surface waters of the Lahontan Region. However, this use is only being added to named wetlands to give special recognition of the value wetlands provide in improving the water quality of other surface waters.

Previously, other regions incorporated “Areas of Special Biological Significance” (ASBS) in their listings of water bodies and beneficial use designations. ASBS is a formal designation reserved for ocean waters. The State Board's development of the beneficial use, “Preservation of Biological Habitats of Special Significance” (BIOL), enables all regions to identify areas or habitats that require special protection. The watercourses, lakes and wetlands designated BIOL provide important habitat to unique combinations of plant and/or animal species.

The beneficial use designation, “Aquaculture” (AQUA), has been added to surface and ground waters where there is an existing, past, or proposed use of the waters for purposes of aquaculture. Surface waters, such as Oak Creek used by the California Department of Fish and Game for hatcheries or nurseries, are included.

The beneficial use designation of “Flood Peak Attenuation/Flood Water Storage” (FLD) has been added to those riparian wetlands in flood plain areas and other wetlands that receive natural surface drainage and buffer its passage to receiving waters. These waters slow runoff and provide temporary storage of direct precipitation and runoff, serving to reduce the heights of flood peaks in adjacent receiving waters and lengthen the periods of runoff supplied to them. This form of water storage is vital to a number of other beneficial uses, including agriculture and wildlife.

Regional Board staff identified the listed wetlands based on existing information gathered during the statewide Water Quality Assessment process, and from a contract with the University of California at Santa Cruz. For information regarding wetlands definition and identification, see the “Wetland” discussion in the “Resources Management” section of Chapter 4. Also, see the discussion of “Stream Environment Zones” in Chapter 5.

The beneficial uses of surface waters of the Lahontan Region generally include REC-1 (swimmable) and WARM, COLD, or SAL (fishable), implementing the national goals expressed by the federal Clean Water Act. In a few cases, such as agricultural reservoirs, wastewater reservoirs, or drinking water canals, and some special wildlife protection areas, REC-1 uses are restricted or prohibited by the entities which control those waters. It is believed that the lists of beneficial uses in Tables 2-1 and 2-2 accurately reflect current and probable future demands on the water resources of the Lahontan Region.

The beneficial use designations of Tribal Tradition and Culture (CUL) and Tribal Subsistence Fishing (T-SUB) have been added to recognize California Native American Tribal uses of water. The State Board established definitions for CUL and T-SUB beneficial uses in *Part 2 of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California – Tribal and Subsistence Fishing Beneficial Uses and Mercury Provisions* (“Mercury Provisions”). Those definitions were subsequently incorporated into the Lahontan Basin Plan. For the Regional Water Board to designate the Tribal Tradition and Culture or Tribal Subsistence Fishing beneficial uses in a water quality control plan for a particular waterbody segment and time(s) of year, a CALIFORNIA NATIVE AMERICAN TRIBE must confirm the designation is appropriate. A CALIFORNIA NATIVE AMERICAN TRIBE is a federally-recognized California tribal government listed on the most recent notice of the Federal Register or a non-federally recognized California

tribal government on the California Tribal Consultation List maintained by the California Native American Heritage Commission. The Mercury Provisions should be consulted in their entirety for a complete accounting of the beneficial use.

In the table of beneficial uses of surface waters (Table 2-1), for the Mono Hydrologic Unit (HU 601.00), an "X" in the column for CUL or T-SUB indicates an existing or potential use. (Designation of the T-SUB use to Mono Lake takes into account the consumption of *kutsavi*, pupae of the Alkali fly, by California Native American Tribes, including the Kutzadika Tribe.) For all other hydrologic units except the Mono Hydrologic Unit, the absence of an "X" in the CUL or T-SUB column does not reflect a decision on designation of beneficial uses.

The State Board established a definition for the non-tribal Subsistence Fishing (SUB) beneficial use in *Part 2 of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California – Tribal and Subsistence Fishing Beneficial Uses and Mercury Provisions* ("Mercury Provisions"). That definition was subsequently incorporated into the Lahontan Basin Plan. The Mercury Provisions should be consulted in their entirety for a complete accounting of the beneficial use.

Waterbody designations for SUB have not yet occurred. For all hydrologic units, the absence of an "X" in the SUB column does not reflect a decision on designation of the beneficial use.

## Key to Table 2-1

**“HU No.”** This column contains numbers used by the California Department of Water Resources in mapping surface water Hydrologic Units, Hydrologic Areas, and Hydrologic Subareas (watersheds and subwatersheds). See Plates 1A and 1B. More precise information on wetland locations is available in the Regional Board's wetland database.

**“Hydrologic Unit/Subunit/Drainage Feature”**

This column contains (in bold type) the names of watersheds and subwatersheds corresponding to the Hydrologic Unit numbers in the preceding column, and the names of surface waterbodies, including lakes, streams and wetlands. Many wetlands have no “official” names identifiable on USGS topographic maps. For these wetlands, names were assigned by the Regional Board's wetland identification contractor, generally based on the location or nearby landmarks. For example “Oak Creek Campground Wetlands” (HU No. 603.30) refers to wetlands located at a campground in the Owens River Valley. The wetlands in the Madeline Plains Hydrologic Unit (HU No. 638.00) in Lassen County whose names include the descriptor “Cold Springs Mtn” are located on or near Cold Springs Mountain. Such names should not be understood to simply that a campground or a mountain is a wetland. Hydrologic Units in Table 2-1 are listed in order from north to south. HU numbers, which were originally assigned by the California Department of Water Resources, do not reflect this north to south order. For example, the East Walker River HU (#630.00) is just north of the Mono HU (601.00).

**“Waterbody Class Modifier”** This column includes descriptive information on each waterbody in the preceding column. It distinguishes perennial from ephemeral streams, and indicates the type of wetlands. Some terms have been abbreviated to save space. The following are definitions of wetland types occurring in the Lahontan Region (Mitsch and Gosselink 1986):

Marsh—A frequently or continually inundated wetland characterized by emergent herbaceous vegetation adapted to saturated soil conditions.

Emergent Wetlands—Wetlands dominated by erect, rooted, herbaceous aquatic plants such as cattails, which extend above the standing water level. Marshes are a type of emergent wetland.

Wet Meadow—Grassland with waterlogged soil near the surface but without standing water for most of the year.

Playa lakes/wetlands—Shallow marshes or intermittent lakes formed in nearly level areas at the bottom of desert basins.

Slough—A slowly flowing shallow marsh.

Vernal Pool—A shallow pond which temporarily holds water from spring precipitation and runoff, but which is dry during the summer.

**“Beneficial Uses”** The subheadings under this heading are abbreviations of beneficial uses which are defined at the beginning of Chapter 2. An “x” in a column beneath one of these designates an existing or potential beneficial use for a given waterbody.

**“Receiving Water”** This column names the waterbody to which a “drainage feature” named at the far left of the table is tributary.

**“Tributary rule”** Table 2-1 does not specifically name all surface waters of the Lahontan Region. Waters not mentioned by name are included in the categories “Minor Surface Waters” and “Minor Wetlands” within each Hydrologic Unit or Hydrologic Area. Beneficial uses are designated for these categories. However, additional beneficial uses may apply to waters within these categories under the “tributary rule”, which provides that water quality standards for specific waterbodies apply upstream to tributaries for which no site-specific standards have been adopted.

## TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD		BIOL	RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
642.00	<b>COWHEAD LAKE HYDROLOGIC UNIT</b>																											
		COWHEAD LAKE WETLANDS	X	X			X				X	X			X	X	X						X	X				
		COWHEAD LAKE	X	X			X				X	X	X		X	X	X						X					INTERNALLY DRAINED LAKE
		COWHEAD SLOUGH	X	X			X	X			X	X			X	X	X		X		X	X	X					COWHEAD LAKE
		NORTH TWIN LAKE	X	X			X				X	X	X		X	X	X											INTERNALLY DRAINED LAKES
		SOUTH TWIN LAKE	X	X			X				X	X	X		X	X	X											INTERNALLY DRAINED LAKES
		TWELVE MILE CREEK	X	X			X				X	X			X	X							X					
		SPRINGS/SEEPS/EMERGENT WETLANDS	X	X			X	X			X	X			X	X		X		X	X	X	X	X				(OREGON & NEVADA)
		MINOR SURFACE WATERS	X	X			X	X			X	X			X				X		X							
	MINOR WETLANDS	X	X			X	X			X	X	X		X	X	X		X		X	X	X	X				COWHEAD LAKE/GW	
641.00	<b>SURPRISE VALLEY HYDROLOGIC UNIT</b>																											
641.10	<b>BARE CREEK HYDROLOGIC AREA</b>																											
		BARE CREEK	X	X			X	X			X	X	X		X	X	X					X						LOWER ALKALI LAKE
		LOWER ALKALI LAKE									X	X	X		X	X		X		X		X						INTERNALLY DRAINED LAKE
		MINOR SURFACE WATERS	X	X			X	X	X		X	X	X		X	X	X					X						LOWER ALKALI LAKE
		SPRINGS/SEEPS/EMERGENT WETLANDS	X	X			X	X			X	X			X	X	X		X		X	X	X					LOWER ALKALI LAKE
		EAGLE CREEK	X	X			X	X			X	X	X		X	X						X						LOWER ALKALI LAKE
		EMERSON CREEK	X	X			X	X			X	X	X		X	X						X						LOWER ALKALI LAKE
		SILVER CREEK	X	X			X				X	X	X		X	X						X						BARE CREEK
		SNAKE LAKE	X	X			X	X			X	X	X		X	X						X	X	X				BARE CREEK
		SPRINGS/SEEPS/EMERGENT WETLANDS	X	X			X	X			X	X			X	X						X	X	X				SNAKE LAKE
		SWORINGER RESERVOIR	X	X			X	X			X	X	X		X	X						X						SILVER CREEK
		SPRINGS/SEEPS/EMERGENT WETLANDS	X	X			X				X	X			X	X						X	X	X				SILVER CREEK
		MINOR SURFACE WATERS	X	X			X	X			X	X	X		X	X		X		X		X						
		MINOR WETLANDS	X	X			X	X			X	X	X		X	X	X		X		X	X	X					LOWER ALKALI LAKE / HA GW
641.20	<b>CEDARVILLE HYDROLOGIC AREA</b>																											
		BOGGS RESERVOIR	X	X			X	X			X	X			X	X	X	X	X	X	X	X	X					SAND CREEK
		CEDAR CREEK	X	X			X	X			X	X	X		X	X						X						MIDDLE ALKALI LAKE
		OWL CREEK	X	X			X	X			X	X	X		X	X						X						MIDDLE ALKALI LAKE
		OWL CREEK WETLANDS	X	X			X	X			X	X	X		X	X						X	X	X				
		RAIDER CREEK	X	X			X	X			X	X	X		X	X						X						MIDDLE ALKALI LAKE
		SAND CREEK	X	X			X	X			X	X			X	X	X	X				X						MIDDLE ALKALI LAKE
		MIDDLE ALKALI LAKE									X	X	X		X	X	X		X		X							INTERNALLY DRAINED LAKE
		MIDDLE ALKALI LAKE EMERGENT SHORELINE WETLANDS	X	X							X	X			X	X	X		X		X	X	X					MIDDLE ALKALI LAKE
		MIDDLE ALKALI L. SPRINGS/EMERGENT WETLANDS	X	X			X	X			X	X			X	X	X		X		X	X	X					MIDDLE ALKALI LAKE

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB	
641.20	SURPRISE VALLEY MINERAL WELLS/HOT SPRINGS	COLD & HOT SPRINGS/EMERGENT MDW	X	X			X	X			X	X	X			X	X	X	X	X	X	X	X						MIDDLE ALKALI LAKE
	LEONARDS HOT SPRINGS	HOT SPRINGS/EMERGENT MEADOWS	X	X			X	X			X	X	X			X		X	X	X	X	X	X						MIDDLE ALKALI LAKE
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X	X	X	X	X	X							
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X	X	X	X	X	X	X					MIDDLE ALKALI LAKE / HA GW
641.30	<b>FORT BIDWELL HYDROLOGIC AREA</b>																												
	BIG MUD LAKE	SEASONAL LAKE/PLAYA	X	X			X				X	X			X	X	X	X											INTERNALLY DRAINED LAKE
	DISMAL CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X	X				X							DEEP CREEK (OREGON)
	DISMAL SWAMP WETLANDS	FLOODPLAIN, EMERGENT MEADOW	X	X			X				X	X				X	X	X				X	X	X					DEEP CREEK (OREGON)
	SPRINGS/SEEPS/EMERGENT WETLANDS	SPRINGS/EMERGENT MEADOWS	X	X			X				X	X				X	X	X				X	X	X					DEEP CREEK (OREGON)
	CRANE LAKE	SEASONAL LAKE/EMERGENT MEADOW	X	X			X				X	X				X	X	X				X	X						UPPER ALKALI LAKE
	BIDWELL CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X				X							UPPER ALKALI LAKE
	MILL CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X				X							UPPER ALKALI LAKE
	ALKALI LAKE WETLANDS	WETLANDS	X	X			X				X	X				X	X	X	X			X	X						
	UPPER ALKALI LAKE	SALINE LAKE									X	X	X			X	X	X	X			X							INTERNALLY DRAINED LAKE
	SPRINGS/SEEPS/EMERGENT WETLANDS	COLD & HOT SPRINGS/EMERGENT MDWS	X	X			X	X			X	X				X	X	X	X			X	X	X					UPPER ALKALI LAKE
	MUD LAKE	SEASONAL LAKE/EMERGENT MEADOW	X	X			X	X			X	X				X	X	X	X				X	X					INTERNALLY DRAINED LAKE
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X	X	X			X							
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X	X			X	X	X					UPPER ALKALI LAKE / HA GW
640.00	<b>DUCK FLAT HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X			X	X			X	X			X	X	X												
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X				X	X	X				X	X						DUCK FLAT GW
639.00	<b>SMOKE CREEK HYDROLOGIC UNIT</b>																												
	SMOKE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X	X	X			X							SMOKE CREEK RESERVOIR
	SMOKE CREEK RESERVOIR	RESERVOIR	X	X			X	X			X	X	X			X	X	X											SMOKE CREEK GROUNDWATER
	RUSH CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X	X											SMOKE CREEK GROUNDWATER
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X	X			X	X	X					SMOKE CREEK GROUNDWATER
638.00	<b>MADELINE PLAINS HYDROLOGIC UNIT</b>																												
	GRASSHOPPER VALLEY WETLANDS	WET MEADOW/EMERGENT/SPRINGS	X	X			X				X	X				X	X	X				X	X					GRASSHOPPER VALLEY GW	
	BOOT LAKE	EPHEMERAL POND	X	X			X				X	X	X			X	X	X										RED ROCK CREEK	
	RED ROCK LAKE	SEASONAL LAKE/EMERGENT MEADOW	X	X			X				X	X				X	X	X				X	X					RED ROCK CREEK	
	SPRINGS/SEEPS/EMERGENT WETLANDS		X	X			X				X	X				X	X	X				X	X					RED ROCK CREEK	
	RED ROCK CREEK WETLANDS	WETLANDS	X	X			X	X			X	X				X	X	X				X	X						
	DODGE RESERVOIR	RESERVOIR	X	X			X				X	X	X			X	X	X										RED ROCK CREEK	
	DUNN RESERVOIR	RESERVOIR	X	X			X				X	X	X			X	X	X										RED ROCK CREEK	
	RED ROCK CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X	X										MADELINE PLAINS GW	

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQIE	FLD	CUL	T-SUB	SUB
638.00	SAID RESERVOIR	RESERVOIR	X	X			X				X	X	X															MADELINE PLAINS GW
	COLD SPRING CREEK	EPHEMERAL STREAM	X	X			X				X	X	X															MADELINE PLAINS GW
	SPRINGS/SEEPS/EMERGENT WETLANDS	SPRINGS/SEEPS/EMERGENT	X	X			X	X			X	X				X	X						X	X				MADELINE PLAINS GW
	COLD SPRINGS MTN 5 WETLANDS	WET MEADOW	X	X			X				X	X	X			X	X						X	X				
	COLD SPRINGS MTN 5 MEADOW RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MOON LAKE
	MADELINE 7 WETLANDS	SEASONAL SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	COLD SPRINGS MTN 3 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BOX SPRINGS
	COLD SPRINGS MTN 6 OVAL RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BOX SPRINGS
	COLD SPRINGS MTN 4 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK (COLD SPRS CRK)
	COLD SPRINGS MTN 2 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 1 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 2 PINTO RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BOX SPRINGS
	COLD SPRINGS MTN 6 RES.	SEASONAL SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 6A RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 4 DUNN RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RESERVOIR
	COLD SPRINGS MTN 5 SPRING	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RESERVOIR
	COLD SPRINGS MTN 7 LOAMY RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RESERVOIR
	COLD SPRINGS MTN 4A WETLANDS	SPRING/EMERGENT MEADOW	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 8 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 3 BRAIDED WETLANDS	RIPARIAN/EMERGENT MEADOW	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 2 NAME TAG RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 025 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 048 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 028 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 047 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 046 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 045 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 008 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK
	COLD SPRINGS MTN 009 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 029 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	COLD SPRINGS MTN 007 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	RAVENDALE 1 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	RAVENDALE SPAULDING RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK
RAVENDALE MARR RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK	
DODGE RESERVOIR COLD SPR DAM	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK	
RAVENDALE SHORTHORN RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK	
RAVENDALE LONG SPR. 1 RES.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
RAVENDALE LONG SPR. 2 RES.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
RAVENDALE TURKEY RES	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
COLD SPRINGS MTN DRY COW 2 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RES	

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HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQIE	FLD	CUL	T-SUB	SUB
638.00	COLD SPRINGS MTN DRY COW 3 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RES
	COLD SPRINGS MTN DRY COW 1 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				BIG MEADOWS RES
	MADELINE 006 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN CREEK
	MENDIBOURE RESERVOIR RES.	RESERVOIR/EMERGENT	X	X			X		X		X	X	X			X	X						X	X				VAN LOAN CREEK
	MADELINE 065 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MENDIBOURE RESERVOIR
	JUNIPER RIDGE POULSEN SPR.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MENDIBOURE RESERVOIR
	JUNIPER RIDGE 070 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	JUNIPER RIDGE 071 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 069 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 069 ETCHECOPAR SPR.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 063 RES.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MENDIBOURE RESERVOIR
	JUNIPER RIDGE 074 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 072 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 073 RES.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 075 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 078 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 076 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 079 RES.	SPRING/RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 080 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 077 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 061 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MENDIBOURE RESERVOIR
	JUNIPER RIDGE 081 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 082 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 049 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN RESERVOIR
	MC DONALD PEAK 053 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN RESERVOIR
	MC DONALD PEAK 052 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN RESERVOIR
	MC DONALD PEAK 047 13-MILE RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN CREEK
	MC DONALD PEAK 044 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				3-MILE CREEK
	MC DONALD PEAK 045 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				3-MILE CREEK
	MC DONALD PEAK 046 RES.	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 048 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				3-MILE CREEK
	MC DONALD PEAK 041 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				3-MILE CREEK
	MC DONALD PEAK 051 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
MC DONALD PEAK 102 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
MC DONALD PEAK 096 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
MC DONALD PEAK 099 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
MC DONALD PEAK 101 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
MC DONALD PEAK 103 RES.	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
DRY CREEK SPRINGS	SPRING/EMERGENT	X	X			X				X	X				X	X	X		X		X	X	X				DRY CREEK	
MC DONALD PEAK S06 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	

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			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
638.00	MC DONALD PEAK S07 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	BIG SPRINGS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN CREEK
	JUNIPER RIDGE S04 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE S03 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE S09 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE S10 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE S11 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	COLD SPRINGS MTN LOWER DRY COW SPR.	SPRING/EMERGENT/RIPARIAN	X	X			X				X	X				X	X						X	X				DRY CREEK
	MC DONALD PEAK DEER SPRING	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				VAN LOAN CREEK
	JUNIPER RIDGE JUOC SPRING	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	JUNIPER RIDGE S12 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE S13 WETLANDS	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	JUNIPER RIDGE NORT SPRING	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				DRY CREEK
	JUNIPER RIDGE EROSION SPR.	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	DODGE RESERVOIR MADELINE SPRING	SPRING/EMERGENT	X	X			X				X	X				X	X						X	X				COLD SPRINGS CREEK
	WHITINGER MTN C47 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY VALLEY GW
	WHITINGER MTN C46 WETLANDS	EMERGENT MEADOW	X	X			X				X	X				X	X						X	X				DRY VALLEY GW
	WHITINGER MTN C48 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				DRY VALLEY GW
	SAID VALLEY A001 RES	RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				SAID VALLEY RESERVOIR
	MC DONALD PEAK 095 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 098 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 086 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 089 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 088 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 090 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 094 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 093 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	MC DONALD PEAK 091 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 084 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
	JUNIPER RIDGE 085 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW
JUNIPER RIDGE 087 RES	SEASONAL RESERVOIR/EMERGENT	X	X			X				X	X				X	X						X	X				MADELINE PLAINS GW	
MINOR SURFACE WATERS			X	X			X	X		X	X	X		X	X	X												
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES		X	X			X	X		X	X	X		X	X	X						X	X	X				MADELINE PLAINS GW
637.00	<b>SUSANVILLE HYDROLOGIC UNIT</b>																											
637.10	<b>HERLONG HYDROLOGIC AREA</b>																											
	PURDY CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X					LONG VALLEY CREEK	
	EVANS CANYON CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X						LONG VALLEY CREEK
	BALLS CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X						LONG VALLEY CREEK



# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
637.31	SHEEP CAMP MEADOWS WETLANDS	WET MEADOW	X	X			X			X	X				X	X	X						X	X				SUSAN RIVER
	MINOR SURFACE WATERS	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X											SNOWSTORM CREEK
	PITTVILLE ROAD SPRING	SPRING AND WET MEADOW	X	X			X				X	X				X	X	X					X	X				SUSAN RIVER
	LONG LAKE	WET MEADOW, SEASONAL LAKE	X	X			X				X	X				X	X						X					GROUNDWATER
	PINE CREEK DOWNSTREAM OF HWY. 201	PERENNIAL STREAM	X	X			X	X			X	X				X	X	X	X			X	X	X				EAGLE LAKE
	PINE CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X	X	X		X	X	X				EAGLE LAKE
	PAPOOSE MEADOWS WETLANDS	WET MEADOW	X	X			X	X			X	X	X			X	X	X	X			X	X	X				EAGLE LAKE
	PAPOOSE CREEK	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X	X	X			X						EAGLE LAKE
	MERRILL CREEK	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X	X	X			X						EAGLE LAKE
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X											
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X	X	X		X	X	X					
637.32	<b>EAGLE LAKE HYDROLOGIC SUBAREA</b>																											
	EAGLE LAKE	LAKE	X	X			X	X	X		X	X	X			X	X	X	X	X	X							INTERNALLY DRAINED LAKE
	MINOR SURFACE WATERS		X	X			X	X			X	X				X	X											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X				X	X						X	X				
637.40	<b>SNOWSTORM MOUNTAIN HYDROLOGIC AREA</b>																											
	DEEP CREEK	EPHEMERAL STREAM	X	X			X				X	X	X			X	X											SNOWSTORM CREEK
	SECRET CREEK	EPHEMERAL STREAM	X	X			X				X	X	X			X	X					X						SNOWSTORM CREEK
	SNOWSTORM CREEK	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X											PETES CREEK
	SNOWSTORM CREEK WETLANDS	WETLANDS	X	X			X	X			X	X				X	X						X	X				
	PETE'S CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X				X						WILLOW CREEK
	WILLOW CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X				X						SUSAN RIVER
	HORSE LAKE WETLANDS	WETLANDS	X	X			X				X	X				X	X						X	X				
	ISOLATED WETLAND BOUNDED BY RR TRACKS ON WEST	VERNAL POOL	X	X			X				X	X				X	X						X	X				CLOSED DEPRESSION
	HORSE LAKE	EPHEMERAL LAKE	X	X			X				X	X	X			X	X					X						PETES CREEK
	PINE CREEK WETLAND AND MEADOWS	WETLANDS	X	X			X	X			X	X				X	X	X	X	X		X	X	X	X			
	PINE CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X	X	X			X						HORSE LAKE
	ROUND VALLEY RESERVOIR	RESERVOIR	X	X			X				X	X	X			X	X	X										WILLOW CREEK
	LITTLE MUD FLAT LAKE	EPHEMERAL LAKE	X	X			X				X	X				X	X	X	X			X						INTERNALLY DRAINED LAKE
	MUD FLAT LAKE	DRY/ SEASONAL LAKE	X	X			X				X	X				X	X	X				X	X					INTERNALLY DRAINED LAKE
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X	X	X		X	X	X	X			
636.00	<b>LITTLE TRUCKEE RIVER HYDROLOGIC UNIT</b>																											
	LITTLE TRUCKEE RIVER	PERENNIAL RIVER	X	X			X	X	X		X	X	X	X		X	X	X	X	X	X							TRUCKEE RIVER
	WEBBER LAKE	LAKE	X	X			X	X			X	X	X			X	X	X	X		X							LITTLE TRUCKEE RIVER
	COLD STREAM CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X	X	X	X		X						LITTLE TRUCKEE RIVER
	INDEPENDENCE LAKE	LAKE	X	X			X	X			X	X	X			X	X	X	X		X							INDEPENDENCE CREEK

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB	
636.00	INDEPENDENCE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							LITTLE TRUCKEE RIVER
	STAMPEDE RESERVOIR	RESERVOIR	X	X			X		X		X	X	X			X		X		X		X							LITTLE TRUCKEE RIVER
	SAGEHEN CREEK WETLANDS	WETLANDS	X	X			X				X	X	X			X		X	X	X		X	X	X					
	SAGEHEN CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X	X	X		X							STAMPEDE RESERVOIR
	DAVIES CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							STAMPEDE RESERVOIR
	BOCA RESERVOIR	RESERVOIR	X	X			X		X		X	X	X			X		X		X		X							LITTLE TRUCKEE RIVER
	SARDINE MEADOWS WETLANDS	WET MEADOW	X	X			X				X	X	X			X		X		X		X	X	X					STAMPEDE RESERVOIR
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X		X		X		X							
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X		X	X	X	X	X	X	X					
635.00	<b>TRUCKEE RIVER HYDROLOGIC UNIT</b>																												
635.10	<b>DOG VALLEY HYDROLOGIC AREA</b>																												
	DOG VALLEY WETLANDS	WET MDW, FLOODPLAIN, MINOR STREAMS	X	X			X				X	X	X			X		X		X	X	X	X	X					TRUCKEE RIVER
	DOG VALLEY CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							TRUCKEE RIVER
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X		X	X	X	X	X							
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X		X	X	X	X	X	X	X					
635.20	<b>TRUCKEE RIVER HYDROLOGIC AREA</b>																												
	TRUCKEE RIVER	PERENNIAL RIVER	X	X			X	X	X		X	X	X	X		X		X		X	X	X	X						PYRAMID LAKE, NEV.
	BEAR CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X		X		X	X	X							TRUCKEE RIVER
	SQUAW CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	SQUAW VALLEY MEADOW WETLANDS	WETLANDS	X	X			X				X	X	X			X		X		X		X	X						
	POLE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	COLD STREAM CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							DONNER CREEK
	DONNER LAKE	LAKE	X	X					X		X	X	X			X		X		X		X							DONNER CREEK
	DONNER CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	PROSSER CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	PROSSER RESERVOIR	RESERVOIR	X	X			X		X		X	X	X			X		X		X		X							PROSSER CREEK
	MARTIS CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	MARTIS CREEK RESERVOIR	RESERVOIR	X	X			X		X		X	X	X			X		X		X		X							MARTIS CREEK
	TROUT CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							TRUCKEE RIVER
	ALDER CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X	X	X							TRUCKEE RIVER
	JUNIPER CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							TRUCKEE RIVER
	GRAY CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							TRUCKEE RIVER
	BRONCO CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X		X		X							TRUCKEE RIVER
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X		X		X		X							
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X		X	X	X	X	X	X	X					
634.00	<b>LAKE TAHOE HYDROLOGIC UNIT</b>																												

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
634.10	<b>SOUTH TAHOE HYDROLOGIC AREA</b>																											
	TAHOE MEADOWS WETLANDS	WETLANDS	X			X				X	X				X	X							X	X				
	HEAVENLY VALLEY CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X			X	X	X	X						TROUT CREEK
	COLD CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X					X	X						TROUT CREEK
	TROUT CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X					X	X						UPPER TRUCKEE RIVER
	SAXON CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X					X	X						TROUT CREEK
	GRASS LAKE WETLANDS	WETLANDS	X	X		X				X	X	X			X	X	X					X	X	X				
	GRASS LAKE	LAKE	X	X		X				X	X	X			X	X	X					X						GRASS LAKE CREEK
	GRASS LAKE CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						UPPER TRUCKEE RIVER
	MEISS MEADOWS/WETLANDS	WETLANDS	X	X		X				X	X				X	X				X	X	X	X					
MEISS LAKE	LAKE	X	X		X				X	X	X			X	X	X			X	X							UPPER TRUCKEE RIVER	
UPPER TRUCKEE RIVER	PERENNIAL STREAM	X	X		X	X			X	X	X			X	X					X	X						LAKE TAHOE	
ECHO LAKES	LAKES	X			X	X			X	X	X			X	X						X						ECHO CREEK/U. TRUCKEE RIVER	
UPPER ANGORA LAKE	LAKE	X	X		X	X			X	X	X			X	X						X						LOWER ANGORA LAKE	
LOWER ANGORA LAKE	LAKE	X	X		X	X			X	X	X			X	X						X						ANGORA CREEK	
GLEN ALPINE CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						FALLEN LEAF LAKE	
FALLEN LEAF LAKE	LAKE	X				X			X	X	X			X	X						X						TAYLOR CREEK	
TAYLOR CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X	X					LAKE TAHOE	
TAYLOR CREEK MEADOW MARSH	WETLANDS	X	X		X				X	X				X	X				X	X	X	X	X					
TALLAC CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE	
CASCADE LAKE	LAKE	X					X		X	X	X			X	X				X	X							CASCADE CREEK	
CASCADE CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE	
MEEKS CREEK MEADOW/WETLANDS	WETLANDS	X	X		X				X	X				X	X							X	X					
POPE MARSH/WETLANDS	WETLANDS	X			X				X	X				X	X							X	X					
OSGOOD SWAMP	WETLANDS	X			X				X	X				X	X	X						X	X					
EAGLE CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE	
MINOR SURFACE WATERS		X	X		X				X	X	X			X	X						X							
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X		X	X			X	X	X			X	X	X	X	X	X	X	X	X	X					
634.20	<b>NORTH TAHOE HYDROLOGIC AREA</b>																											
	LONELY GULCH CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE
	MEEKS CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X					X	X						LAKE TAHOE
	GENERAL CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X					X	X						LAKE TAHOE
	McKINNEY CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE
	MADDEN CREEK	PERENNIAL STREAM	X			X				X	X	X			X	X						X						LAKE TAHOE
	BLACKWOOD CREEK	PERENNIAL STREAM	X							X	X	X			X	X						X	X					LAKE TAHOE
	WARD CREEK	PERENNIAL STREAM	X			X				X	X	X			X	X						X	X					LAKE TAHOE
	BURTON CREEK	PERENNIAL STREAM	X			X				X	X	X			X	X						X						LAKE TAHOE
	DOLLAR CREEK	PERENNIAL STREAM	X	X		X				X	X	X			X	X						X						LAKE TAHOE



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Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
632.10	WETLANDS/BIG SPRINGS TO HWY. 89	WET MEADOW, SPRINGS	X	X			X				X	X	X			X	X	X	X	X	X	X	X					EAST FORK CARSON RIVER
	WETLANDS, PONDS W. OF MONITOR PASS @ HWY 89	VERNAL POND	X	X			X				X	X	X		X	X	X					X	X					EAST FORK CARSON RIVER
	EAST FORK CARSON RIVER	PERENNIAL RIVER	X	X			X	X	X		X	X	X		X	X		X	X			X						CARSON SINK
	KINNEY RESERVOIR	RESERVOIR	X	X			X		X		X	X	X		X	X						X						SILVER CREEK
	KINNEY LAKES	LAKES	X	X			X				X	X	X		X	X					X	X						SILVER CREEK
	SILVER CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X						X						EAST FORK CARSON RIVER
	WOLF CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X		X				X						EAST FORK CARSON RIVER
	WOLF CREEK MEADOWS WETLANDS	WETLANDS/WET MEADOW,FLOODPLAIN	X	X			X				X	X			X	X		X	X	X	X	X	X	X				EAST FORK CARSON RIVER
	SILVER KING CREEK	EPHEMERAL STREAM	X	X			X				X	X	X		X	X		X	X			X						EAST FORK CARSON RIVER
	CHARITY VALLEY WETLANDS	WET MEADOW, FLOODPLAIN	X	X			X				X	X	X		X	X		X	X			X	X	X				EAST FORK CARSON RIVER
	MONITOR CREEK	PERENNIAL STREAM	X	X		X	X				X	X	X		X	X		X	X			X						EAST FORK CARSON RIVER
	PLEASANT VALLEY CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X		X	X			X						MARKLEEVILLE CREEK
	PLEASANT VALLEY WETLANDS	WETLANDS	X	X			X				X	X			X	X							X	X				
	MILBERRY CREEK	EPHEMERAL STREAM	X	X			X				X	X	X		X	X												MARKLEEVILLE CREEK
	MARKLEEVILLE CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X						X	X					EAST FORK CARSON RIVER
	LEVIATHAN CREEK (ABOVE LEVIATHAN MINE)	PERENNIAL STREAM	X	X			X				X	X	X		X	X												BRYANT CREEK
	LEVIATHAN CREEK (BELOW LEVIATHAN MINE)	PERENNIAL STREAM	X	X			X				X	X	X		X	X												BRYANT CREEK
	ASPEN CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X												EAST FORK CARSON RIVER
BRYANT CREEK (BELOW LEVIATHAN CREEK)	PERENNIAL STREAM	X	X			X				X	X			X	X												EAST FORK CARSON RIVER	
MINOR SURFACE WATERS		X	X		X	X	X			X	X	X		X	X						X							
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X		X	X	X	X	X	X	X					
632.20	<b>INDIAN CREEK HYDROLOGIC AREA</b>																											
	STEVENS LAKE	LAKE	X	X			X				X	X	X		X	X					X						INDIAN CREEK	
	INDIAN CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X		X	X			X						EAST FORK CARSON RIVER
	INDIAN CREEK RESERVOIR	RESERVOIR	X	X			X	X	X		X	X	X		X	X												EAST FORK CARSON RIVER
	WETLANDS, MEADOWS NW OF SUMMIT LAKE	WETLANDS/WET MEADOW	X	X			X				X	X	X		X	X		X	X			X	X	X				EAST FORK CARSON RIVER
	DIAMOND, DUTCH AND WADE VALLEYS WETLANDS	WETLANDS/WET MEADOW	X	X			X				X	X			X	X		X	X			X	X					INDIAN CREEK/WF CARSON R.
	MINOR SURFACE WATERS		X	X			X	X	X		X	X	X		X	X		X	X			X						
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X		X	X	X	X	X	X	X				
631.00	<b>WEST WALKER RIVER HYDROLOGIC UNIT</b>																											
631.10	<b>ANTELOPE VALLEY HYDROLOGIC AREA</b>																											
	W. FORK WALKER R. WTLNDS (ABOVE TOPAZ LK MEADOW)		X	X			X				X	X			X	X					X	X	X					
	RODRIGUEZ CREEK	EPHEMERAL STREAM	X	X			X				X	X	X		X	X												WEST WALKER RIVER
	MILL CREEK	PERENNIAL STREAM	X				X				X	X	X		X	X		X	X			X						WEST WALKER RIVER
	WEST WALKER RIVER (BELOW WALKER)	PERENNIAL RIVER	X	X			X		X		X	X	X		X	X						X						WEST WALKER RIVER
	LOST CANNON CREEK	PERENNIAL STREAM	X				X				X	X	X		X	X		X	X			X						MILL CREEK
	TOPAZ LAKE	RESERVOIR	X	X			X		X		X	X	X		X	X						X						TOPAZ LAKE



# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
630.40	ROBINSON CREEK	PERENNIAL STREAM	X	X			X			X	X	X	X			X	X					X						EAST WALKER RIVER
	TWIN LAKES	LAKES	X	X			X		X		X	X	X			X	X					X		X				ROBINSON CREEK
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X					X	X	X				
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X					X	X	X				
601.00	<b>MONO HYDROLOGIC UNIT</b>																											
	RUSH CREEK (ABOVE GRANT LAKE)	PERENNIAL STREAM	X				X			X	X	X	X			X	X					X			X			GRANT LAKE
	RUSH CREEK (BELOW GRANT LAKE)	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			MONO LAKE
	GRANT LAKE	LAKE	X								X	X	X			X	X					X			X			OWENS R/VIA AQUEDUCT/MONO LK
	SILVER LAKE	LAKE	X								X	X	X			X	X					X			X			RUSH CREEK
	ALGER CREEK	PERENNIAL STREAM	X				X	X			X	X	X			X	X					X			X			SILVER LAKE
	GULL LAKE	LAKE	X						X		X	X	X			X	X					X			X			REVERSED CREEK
	JUNE LAKE	LAKE	X						X		X	X	X			X	X					X			X			REVERSED CREEK
	FERN LAKE	LAKE	X	X					X		X	X	X			X	X					X			X			REVERSED CREEK
	YOST LAKE	LAKE	X				X	X			X	X	X			X	X					X			X			TRIBUTARY TO YOST CREEK
	YOST CREEK	PERENNIAL STREAM	X				X	X			X	X	X			X	X					X			X			REVERSED CREEK
	REVERSED CREEK	PERENNIAL STREAM	X								X	X	X			X	X					X			X			RUSH CREEK
	AGNEW LAKE	LAKE	X								X	X	X			X	X					X			X			RUSH CREEK
	GEM LAKE	LAKE	X								X	X	X			X	X					X			X			RUSH CREEK
	UNNAMED LAKE (37°45'20.14"N, 119°14'54.04"W)	LAKE	X	X			X	X			X	X	X			X	X					X			X			TRIBUTARY TO RUSH CREEK
	CREST CREEK	PERENNIAL STREAM	X				X	X			X	X	X			X	X					X			X			GEM LAKE
	UNNAMED LAKE (37°48'0.28"N, 119°11'26.43"W)	LAKE	X	X			X	X			X	X	X			X	X					X			X			TRIBUTARY TO ALGER CREEK
	ALGER LAKES	LAKES	X								X	X	X			X	X					X			X			SILVER LAKE
	MILL CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			MONO LAKE
	LUNDY LAKE	LAKE	X						X	X	X	X	X			X	X					X			X			TRIBUTARY TO MILL CREEK
	BLUE LAKE	LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO MILL CREEK
	CRYSTAL LAKE	LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO MILL CREEK
	ONEIDA LAKE	LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO MILL CREEK
	WARREN FORK, LEE VINING CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			LEE VINING CREEK
	MINE CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			LEE VINING CREEK
	SPULLER LAKE	LAKE	X	X			X	X			X	X	X			X	X					X			X			TRIBUTARY TO MINE CREEK
	LEE VINING CREEK (ABOVE DIVERSION)	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			GRANT LAKE VIA AQUEDUCT
	LEE VINING CREEK (BELOW DIVERSION)	EPHEMERAL STREAM	X				X	X			X	X	X			X	X					X			X			MONO LAKE
	BEARTRACK CREEK	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK
	SADDLEBAG LAKE	LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK
	TIOGA LAKE	LAKE	X						X	X	X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK
	ELLERY LAKE	LAKE	X						X	X	X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK
KIDNEY LAKE	LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK	
GIBBS LAKE	EPHEMERAL LAKE	X								X	X	X			X	X					X			X			TRIBUTARY TO LEE VINING CREEK	
WALKER CREEK (INCLUDE WALKER LAKE)	PERENNIAL STREAM	X	X			X	X			X	X	X			X	X					X			X			TRIBUTARY TO OWENS	



# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
603.10	LAKE MAMIE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	LAKE MARY	LAKE	X	X					X	X	X	X			X	X	X					X						MAMMOTH CREEK
	COLD WATER CREEK	PERENNIAL STREAM	X							X	X	X			X	X	X					X						LAKE MARY
	ARROWHEAD LAKE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	SHELTON LAKE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	WOODS LAKE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	RED LAKE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	LAKE GEORGE	LAKE	X						X	X	X	X			X	X	X					X						MAMMOTH CREEK
	HOT CREEK	PERENNIAL STREAM	X	X		X	X			X	X	X	X	X	X	X	X			X	X	X	X					OWENS RIVER
	LITTLE HOT CREEK	PERENNIAL STREAM		X			X	X			X	X	X			X	X					X						HOT CREEK OR OWENS RIVER
	HORSESHOE LAKE	LAKE	X							X	X	X	X			X	X					X						MAMMOTH CREEK
	MCCLOUD LAKE	LAKE	X							X	X	X	X			X	X					X						MAMMOTH CREEK
	SHERWIN CREEK	PERENNIAL STREAM	X				X			X	X	X	X			X	X					X						MAMMOTH CREEK
	SHERWIN LAKES	LAKE	X							X	X	X	X			X	X					X						SHERWIN CREEK
	LOST LAKE	LAKE	X							X	X	X	X			X	X					X						SHERWIN CREEK
	VALENTINE LAKE	LAKE	X							X	X	X	X			X	X					X						SHERWIN CREEK
	LAUREL CREEK	PERENNIAL STREAM	X							X	X	X	X			X	X					X						MAMMOTH CREEK
	CONVICT CREEK	PERENNIAL STREAM	X	X			X	X		X	X	X	X			X	X					X						CROWLEY LAKE
	CONVICT LAKE	LAKE	X						X	X	X	X				X	X					X						CONVICT CREEK
	MCGEE CREEK	PERENNIAL STREAM	X	X			X	X		X	X	X	X			X	X					X						CROWLEY LAKE
HILTON CREEK	PERENNIAL STREAM	X	X			X	X	X		X	X	X			X	X					X						CROWLEY LAKE	
HILTON LAKES	LAKES	X						X	X	X	X				X	X					X						HILTON CREEK	
LITTLE ALKALI LAKE	ALKALI LAKE		X			X	X		X	X	X	X			X	X					X						CROWLEY LAKE	
MINOR SURFACE WATERS		X	X			X	X		X	X	X	X			X	X					X							
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X		X	X	X	X			X	X					X	X	X					
603.20	<b>UPPER OWENS HYDROLOGIC AREA</b>																											
	OWENS RIVER WETLANDS	WETLANDS	X	X			X				X	X			X	X	X			X	X	X						
	OWENS RIVER (BELOW CROWLEY LAKE)	PERENNIAL STREAM	X					X		X	X	X	X			X	X			X	X	X						LA DWP POWER PLANT & PLEASANT VALLEY RESERVOIR
	OWENS RIVER (BELOW FIRST P.H.)	EPHEMERAL STREAM	X					X		X	X	X	X			X	X			X	X	X						LA DWP POWER PLANT & PLEASANT VALLEY RESERVOIR
	OWENS RIVER (BELOW PLEASANT VALLEY RESERVOIR)	PERENNIAL RIVER	X	X			X	X	X		X	X	X			X	X			X	X	X						TINEMAHA RESERVOIR
	ROCK CREEK	PERENNIAL STREAM	X	X			X	X	X		X	X	X			X	X					X						
	ROCK CREEK WETLANDS @ BOUNDARY ROAD	RIPARIAN/FLOODPLAIN/EMERGENT	X	X			X	X			X	X	X			X	X					X	X	X				ROCK CREEK
	ROCK CREEK LAKE	LAKE	X								X	X	X			X	X					X						ROCK CREEK
	EASTERN BROOK LAKES	LAKES	X								X	X	X			X	X					X						ROCK CREEK
	PINE CREEK	PERENNIAL STREAM	X	X			X	X	X		X	X	X	X		X	X					X						PLEASANT VALLEY RESERVOIR
	BIRCHIM LAKE	LAKE	X								X	X	X			X	X			X								PINE CREEK



# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQIE	FLD	CUL	T-SUB	SUB
	KEOUGH HOT SPRINGS	SPRINGS		X			X			X	X	X		X	X	X												OWENS RIVER
	BIG PINE CANAL	EPHEMERAL CANAL	X	X			X				X	X	X			X		X										OWENS RIVER
	BIG PINE CANAL	WETLANDS, MAINTAINED IRRIG CANAL	X	X			X	X			X	X			X		X						X	X				OWENS RIVER
	BAKER CREEK	PERENNIAL CREEK	X	X			X	X			X	X	X			X		X					X					BIG PINE CANAL
	BIRCH CREEK	PERENNIAL CREEK	X	X			X	X		X	X	X	X			X	X	X					X					TINEMAHA CREEK
	RED MOUNTAIN CREEK	PERENNIAL CREEK	X	X			X	X			X	X	X			X		X					X					TINEMAHA CREEK
	FISH SPRINGS	SPRINGS	X	X			X	X			X	X	X	X	X	X	X	X	X	X			X					TINEMAHA CREEK
	TINEMAHA CREEK	PERENNIAL CREEK	X	X			X				X	X	X			X		X					X					TINEMAHA RESERVOIR
	TINEMAHA RESERVOIR	RESERVOIR	X	X			X				X	X	X			X		X		X								OWENS RIVER
	MORRIS CREEK	PERENNIAL IN UPPER REACH	X	X			X				X	X	X			X		X										BENTON VALLEY GROUNDWATER
	<b>CHALFANT VALLEY WATERSHED</b>																											
	BARTLETT RANCH SPRINGS	SPRINGS	X	X			X				X	X	X			X		X										BENTON VALLEY GROUNDWATER
	MONTGOMERY CREEK	PERENNIAL IN UPPER REACH	X	X			X				X	X	X			X		X										BENTON VALLEY GROUNDWATER
	MARBLE CREEK	PERENNIAL IN UPPER REACH	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	ROCK CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	FALLS CANYON CREEK	INTERMITTENT STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	PELLISIER CREEK	INTERMITTENT STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	MIDDLE CANYON CREEK	INTERMITTENT STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	BIRCH CREEK	INTERMITTENT STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	WILLOW CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					HAMIL VALLEY GROUNDWATER
	COTTONWOOD CANYON CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					HAMIL VALLEY GROUNDWATER
	LONE TREE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					HAMIL VALLEY GROUNDWATER
	MINOR STREAMS		X	X			X				X	X	X			X		X										
	YELLOWJACKET CANYON CREEK	INTERMITTENT STREAM	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	BENTON HOT SPRINGS	SPRINGS	X	X			X				X	X	X			X		X										HAMIL VALLEY GROUNDWATER
	MILNER CREEK	INTERMITTENT STREAM	X	X			X			X	X	X	X			X		X										CHALFANT VALLEY GW
	SILVER CANYON CREEK	PERENNIAL IN UPPER REACH	X	X			X				X	X	X			X		X										CHALFANT VALLEY GW
	WARM SPRINGS	SPRINGS	X	X			X				X	X	X			X		X		X	X							
	WETLANDS/HOUSE S. OF REDDING CYN.	WETLANDS	X	X			X				X	X	X			X		X					X	X				OWENS VALLEY GW
	WARM SPRINGS	SPRING	X	X			X	X			X	X				X		X	X	X			X					OWENS RIVER
	WETLANDS/1st CYN S. OF SILVER CREEK	WETLANDS/SPRINGS	X	X			X				X	X				X		X					X	X		X		OWENS VALLEY GW
	WETLANDS/MEADOW LEFT OF PINE CREEK RD.	WET MEADOW	X	X			X				X	X						X					X	X				PLEASANT VALLEY RESERVOIR
	PINE CREEK AT ROVANA	WETLANDS, RIPARIAN	X	X			X				X	X				X		X					X	X				OWENS R./ PLEASANT VAL. RES.
	WETLANDS/FORKS CAMPGROUND	WETLANDS	X	X			X				X	X				X		X					X	X				BISHOP CREEK
	DUTCH JOHNS MEADOWS WETLANDS	WET MEADOW	X	X			X				X	X				X		X					X	X				BISHOP CREEK
	WETLANDS/POWER STATION 3 (ELEV. 6500')	RIPARIAN	X	X			X	X			X	X				X		X					X	X				
	WETLANDS/LOWER BIRCH CREEK(HWY 168, ELEV 5700')	WETLANDS	X	X			X				X	X						X					X	X				
	WETLANDS/LOWER McGEE CREEK(ELEV 5700')	RIPARIAN, WETLANDS	X	X			X	X			X	X				X		X					X	X				BISHOP CREEK
	SHARPS MEADOW(UPPER McGEE CREEK) WETLANDS	WETLANDS/ SPRINGS	X	X			X				X	X				X		X					X	X				MCGEE CREEK/ BISHOP CREEK
	WELLS UPPER MEADOW WETLANDS	WET MEADOW/ WETLANDS	X	X			X				X	X						X					X	X				

603.20

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HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB	
	BUTTERMILK CANYON(ELEV 7800') CREEK	WETLANDS	X	X			X				X	X				X	X						X	X					
	UPPER BIRCH CREEK		X	X			X				X	X				X	X						X	X					PLEASANT VALLEY RES
	MIDDLE FORK BISHOP CREEK(ELEV.9000') WETLANDS	WET MEADOW, RIPARIAN	X				X				X	X				X	X						X	X					BISHOP CREEK
	SOUTH FORK BISHOP CREEK WETLANDS	WET MEADOW, RIPARIAN	X	X			X				X	X				X	X						X	X					BISHOP CREEK
	WARREN DRY LAKE WETLANDS	WETLANDS	X	X			X				X	X			X		X						X	X					OWENS RIVER
	WETLANDS/HALF Km. NW OF WARREN LAKE	WETLANDS, WET MEADOW	X	X			X				X	X					X						X	X					OWENS VALLEY GW
	WETLANDS/HALF Km. WEST OF WARREN LAKE	WETLANDS, WET MEADOW	X	X			X				X	X					X						X	X					OWENS VALLEY GW
	WETLANDS/WELL NORTH OF KLONDIKE LAKE	WETLANDS, WET MEADOW	X	X			X	X			X	X					X	X					X	X					OWENS RIVER
	WETLANDS/CHANNEL N OF KLONDIKE LAKE	WETLANDS, RIPARIAN	X	X			X				X	X			X		X	X					X	X					OWENS RIVER, KLONDIKE LAKE
	WETLANDS/OWENS RIVER CHANNEL N. OF KLONDIKE LK	WETLANDS, RIPARIAN	X	X			X				X	X			X		X	X					X	X					OWENS LAKE
	WETLANDS/EAST SIDE OF OWENS VALLEY, 0.5 Km N OF HWY 168	WETLANDS	X	X			X	X			X	X					X						X	X					OWENS RIVER
	WETLANDS/E. SIDE OF OWENS VALLEY	WETLANDS	X	X			X	X			X	X					X						X	X					OWENS RIVER
	BAKER CREEK, ABOVE BIG PINE	WETLANDS	X	X			X				X	X	X			X		X	X				X	X					OWENS RIVER
	UHLMEYER SPRINGS	SPRING	X	X			X				X	X					X												OWENS VALLEY GROUNDWATER
	MINOR SURFACE WATERS		X	X			X	X			X	X	X			X	X		X				X						
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X			X	X	X					X	X					
603.30	<b>LOWER OWENS HYDROLOGIC AREA</b>																												
603.30	OWENS RIVER WETLANDS	WETLANDS	X	X			X				X	X				X	X	X			X		X	X					
	OWENS LAKE WETLANDS	WETLANDS	X	X			X				X	X				X	X	X					X	X					
	OWENS RIVER ( BELOW TINEMAHA RESERVOIR)	CONTROLLED RIVER	X	X			X				X	X	X			X	X	X		X		X							HAIWEE RES./VIA L.A. AQUEDUCT
	OWENS RIVER (BELOW INTAKE DAM)	EPHEMERAL STREAM	X	X			X	X			X	X	X			X	X	X	X		X		X						OWENS LAKE
	WETLANDS/ALKALI FLAT EAST OF OWENS RIVER, DOLOMITE	WETLANDS	X	X			X	X			X	X					X						X	X					LA AQUEDUCT
	WETLANDS/DOLOMITE	WETLANDS	X	X			X	X			X	X					X						X	X					LA AQUEDUCT
	LOWER OWENS RIVER CHANNEL WETLANDS	WETLANDS	X	X			X				X	X				X		X	X				X	X					LA AQUEDUCT
	TABOOSE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						L.A. AQUEDUCT
	GOODALE CREEK	PERENNIAL STREAM	X	X			X				X	X	X	X		X	X						X						L.A. AQUEDUCT
	DIVISION CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X	X		X	X						X						L.A. AQUEDUCT
	SAWMILL CREEK	PERENNIAL STREAM	X	X			X				X	X	X	X		X	X						X						L.A. AQUEDUCT
	THIBAUT CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						L.A. AQUEDUCT
	OAK CREEK CAMPGROUND WETLANDS	WETLANDS	X	X			X	X			X	X				X	X						X	X					OAK CREEK
	OAK CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X	X	X	X	X		X		X		X						L.A. AQUEDUCT
	NORTH FORK OAK CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						OAK CREEK
	SOUTH FORK OAK CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						OAK CREEK
	INDEPENDENCE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						L.A. AQUEDUCT
	PINYON CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						TRIB. TO INDEPENDENCE
	SYMMES CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						L.A. AQUEDUCT
	SPRING N OF SHEPHERD CREEK	SPRINGS	X	X			X				X	X	X				X	X	X										L.A. AQUEDUCT
	SHEPHERD CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X	X						X						L.A. AQUEDUCT
	BAIRS CREEK	PERENNIAL STREAM	X				X				X	X	X			X	X						X						L.A. AQUEDUCT

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
603.30	GEORGE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X				X						L.A. AQUEDUCT
	HOGBACK CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X			X		X	X	X		X	X					L.A. AQUEDUCT
	WETLANDS/EAST OF MOVIE FLAT		X			X	X				X	X						X					X	X				OWENS VALLEY GW
	WETLANDS/HWY 395	WETLANDS	X	X			X				X	X						X	X				X	X				L.A. AQUEDUCT
	WTLNDS/FAULT SCARP W OF MT WHIT CEMTRY LONE PINE	WETLANDS	X	X			X				X	X						X					X	X				OWENS RIVER
	LOWER LONE PINE CREEK WETLANDS	WETLANDS	X	X			X		X		X	X				X		X					X	X				OWENS RIVER
	SPRING SOUTH OF LONE PINE CREEK	SPRING	X	X			X				X	X			X			X					X					LONE PINE CREEK
	SEEP WEST OF HORSESHOE MEADOW ROAD	WETLANDS	X	X			X				X	X						X					X	X				LONE PINE CREEK
	WETLANDS/PIHEASANT CLUB EAST OF TUTTLE CREEK RD	SPRINGS	X	X		X	X				X	X						X	X				X	X				N FORK LUBKEN CREEK
	INDIAN SPRING	SPRINGS	X	X		X	X				X	X			X			X					X					LUBKEN CREEK
	POND ON INDIAN SPRINGS ROAD	SPRINGS	X	X			X				X	X			X			X					X					DIAZ LAKE
	TUTTLE CREEK	RIPARIAN	X	X			X				X	X				X		X					X					OWENS RIVER
	SEEP NORTH OF MOVIE FLAT	SPRING	X	X			X				X	X						X										
	WETLANDS/LONE PINE NARROW GORGE ROAD	WETLANDS	X	X			X				X	X						X	X	X			X	X				LA AQUEDUCT
	LONE PINE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					L.A. AQUEDUCT
	TUTTLE CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					L.A. AQUEDUCT
	DIAZ CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					L.A. AQUEDUCT
	DIAZ LAKE	LAKE	X	X			X		X		X	X	X		X	X	X	X					X					OWENS VALLEY GROUNDWATER
	NORTH FORK LUBKIN CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					OWENS VALLEY GROUNDWATER
	SOUTH FORK LUBKIN CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					OWENS VALLEY GROUNDWATER
	CARROLL CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					OWENS VALLEY GROUNDWATER
	COTTONWOOD CREEK	PERENNIAL STREAM	X	X			X			X	X	X	X			X		X					X					L.A. AQUEDUCT
	COTTONWOOD LAKES (NO. 1,2,3,4,5,6)	LAKES	X				X				X	X	X			X		X					X					COTTONWOOD CREEK
	ASH CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X	X	X			X					HAIWEE RESERVOIR
	CARTAGO CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					HAIWEE RESERVOIR
	OLANCHA CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					HAIWEE RESERVOIR
	HAIWEE RESERVOIR WETLANDS	WETLANDS	X	X			X				X	X				X		X					X	X				
	HAIWEE RESERVOIR	RESERVOIR	X	X		X	X				X	X	X			X		X		X			X					L.A. AQUEDUCT
	SUMMIT CREEK	PERENNIAL STREAM	X	X			X				X	X	X			X		X					X					L.A. AQUEDUCT
	HOGBACK CREEK	PERENNIAL STREAM	X	X		X	X				X	X	X			X		X					X					HAIWEE RESERVOIR
	WETLANDS EAST OF STEVENS CANAL	WETLANDS	X	X			X	X			X	X						X	X	X			X	X				L.A. AQUEDUCT
	WETLANDS/FORT INDEPENDENCE RD. AT HWY 395	WET MEADOW	X	X			X	X			X	X				X		X	X	X			X	X				L.A. AQUEDUCT
	FORT INDEPENDENCE INDIAN RESERVATION	WETLANDS	X	X			X				X	X						X	X	X			X	X				OAK CREEK/ LA AQUEDUCT
WTLNDS/SPR E OF SHABBEL LN, N OF INDEPENDENCE	SPRING	X	X			X				X	X						X	X	X			X					LA AQUEDUCT	
SPRINGS S. OF KEELER	SPRINGS	X	X		X	X				X	X						X										OWENS LAKE	
CERRO GORDO SPRING	SPRINGS	X	X		X	X				X	X						X										OWENS LAKE	
DIRTY SOCKS HOT SPRING	SPRINGS	X	X			X				X	X						X										OWENS LAKE	
SPRING NE OF OLANCHA	SPRINGS	X	X			X				X	X						X										OWENS LAKE	
KEELER SPRINGS	SPRINGS	X	X		X	X	X			X	X				X	X	X	X				X					OWENS LAKE	
OWENS LAKE	INTERMITTENT LAKE									X	X	X			X	X	X	X									INTERNALLY DRAINED LAKE	

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
	MINOR SURFACE WATERS		X	X							X	X	X		X	X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
603.40	<b>CENTENNIAL HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X	X			X	X	X		X	X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
604.00	<b>FISH LAKE HYDROLOGIC UNIT</b>																											
	CABIN CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X		X									FISH LAKE VALLEY GW
	CHIATOVICH CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	INDIAN CREEK	STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	LEIDY CREEK	PERENNIAL STREAM	X	X						X	X	X	X		X	X	X		X									FISH LAKE VALLEY GW
	PERRY AIKEN CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	MCAFFEE CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X		X	X	X											FISH LAKE VALLEY GW
	TOLER CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	IRON CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	WILDHORSE CREEK	INTERMITTENT STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	FURNACE CREEK	INTERMITTENT STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	INDIAN GARDEN CREEK	INTERMITTENT STREAM	X	X			X				X	X	X		X	X	X											FISH LAKE VALLEY GW
	COTTONWOOD CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X		X									FISH LAKE VALLEY GW
604.00	MINOR SURFACE WATERS		X	X			X				X	X	X		X	X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
605.00	<b>DEEP SPRINGS HYDROLOGIC UNIT</b>																											
	WYMAN CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X		X											DEEP SPRINGS VAL. GW
	CROOKED CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X		X											TRIBUTARY TO WYMAN CREEK
	DEEP SPRINGS LAKE WETLANDS AND MARSH		X								X	X		X	X	X	X		X			X	X					
	DEEP SPRINGS LAKE	INTERMITTENT LAKE					X				X	X	X		X	X	X		X									DEEP SPRINGS VAL. GW
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X		X									
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
606.00	<b>EUREKA HYDROLOGIC UNIT</b>																											
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X						X	X				
606.10	<b>MARBLE BATH HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X				X	X			X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X						X	X				

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD		BIOL	RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB
606.20	<b>MARBLE CANYON HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X	X			X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X						X	X			
607.00	<b>SALINE HYDROLOGIC UNIT</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X	X	X	X									
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X	X		X	X	X						X	X			
607.10	<b>SALT LAKE HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
607.20	<b>CAMEO HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
608.00	<b>RACE TRACK HYDROLOGIC UNIT</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X	X	X	X	X			X					
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X	X		X	X	X						X	X			
608.10	<b>TEAKETTLE JUNCTION HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
608.20	<b>HIDDEN VALLEY HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
608.30	<b>ULIDA HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
608.40	<b>SAND FLAT HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X			X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X			X	X	X						X	X			
609.00	<b>AMARGOSA HYDROLOGIC UNIT</b>																										
	TECOPA WETLANDS	WETLANDS	X								X	X			X		X	X	X	X		X	X				
	COTTONBALL MARSH	WETLANDS	X								X	X			X		X	X	X			X	X				



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HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																RECEIVING WATER										
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD		BIOL	RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB	
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.21	<b>AVAWATZ HYDROLOGIC SUBAREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.22	<b>RED PASS HYDROLOGIC SUBAREA</b>																												
	RED PASS LAKE	ALKALI LAKE	X				X				X	X			X	X	X	X	X					X				INTERNL DRN LK/RED PASS LK GW	
	NO NAME LAKE	ALKALI LAKE	X				X				X	X			X	X	X	X	X					X				INTERNL DRN LK/RED PASS LK GW	
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.23	<b>VALJEAN HYDROLOGIC SUBAREA</b>																												
	SILURIAN LAKE	ALKALI LAKE	X				X				X	X			X	X	X	X	X									SILURIAN LK/SILURIAN VAL GW	
	KINGSTON SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X						SILURIAN LK/SILURIAN VAL GW	
	COYOTE HOLES SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X						KINGSTON W./SALT C./SILURIAN L.	
	RABBIT HOLES SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X						SILURIAN LAKE/SILURIAN VAL GW	
	MINOR SURFACE WATERS		X	X			X	X			X	X			X	X	X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.24	<b>SHADOW HYDROLOGIC SUBAREA</b>																												
	COW COVE SPRINGS	FLOODPLAIN/SEEPS/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X						SHADOW VALLEY GW	
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
609.24	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.30	<b>RYAN HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.31	<b>FURNACE CREEK HYDROLOGIC SUBAREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.32	<b>GREENWATER HYDROLOGIC SUBAREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						
609.40	<b>AMARGOSA DESERT HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X						

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Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER										
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB		
609.41	<b>CALICO HYDROLOGIC SUBAREA</b>																													
	SALSBERRY SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER	
	MONTGOMERY SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER	
	MINOR SURFACE WATERS		X	X			X				X	X			X		X													
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X					X	X						
609.42	<b>SHOSHONE HYDROLOGIC SUBAREA</b>																													
	WILLOW SPRING	SPRING/RIPARIAN/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER	
	TECOPA HOT SPRINGS	SPRINGS	X	X			X				X	X			X		X	X	X										DEATH VALLEY GW	
	TECOPA MARSHES	MARSHES/EMERGENT	X	X			X				X	X			X	X	X	X	X			X	X						DEATH VALLEY GW	
	GRIMSHAM LAKE	LAKE/EMERGENT MARSHES	X	X			X				X	X			X	X	X	X	X			X	X						DEATH VALLEY GW	
	SHOSHONE SPRING	SPRING/EMERGENT MARSHES/RIPARIAN	X	X			X	X			X	X			X	X	X	X	X			X	X						AMARGOSA RIVER	
	CHAPPO SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER	
	AMARGOSA RIVER/TECOPA RIPARIAN WETLANDS	RIPARIAN/EMERGENT/FLOODPLAIN	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER	
		MINOR SURFACE WATERS		X	X			X				X	X			X		X												
		MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X					X	X					
		RESTING SPRING/SPANISH TRAIL RIPARIAN WETLANDS	SPRING/RIPARIAN/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X	X						AMARGOSA RIVER
		SHEEPHEAD SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							AMARGOSA RIVER
		MINOR SURFACE WATERS		X	X			X	X			X	X			X	X	X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X							
609.43	<b>CHICAGO HYDROLOGIC SUBAREA</b>																													
		MINOR SURFACE WATERS		X	X			X			X	X			X		X	X	X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X	X	X			X	X							
609.44	<b>CALIFORNIA VALLEY HYDROLOGIC SUBAREA</b>																													
	BECK SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							CALIFORNIA VALLEY GW	
	CRYSTAL SPRING	SPRING/EMERGENT	X	X			X	X			X	X			X	X	X	X	X			X							CALIFORNIA VALLEY GW	
		MINOR SURFACE WATERS		X	X			X	X			X	X			X		X	X											
	MINOR SPRINGS/SEEPS/WETLANDS	SPRING/SEEPS/EMERGENT	X	X			X	X			X	X			X		X	X	X			X	X						CALIFORNIA VALLEY GW	
610.00	<b>PAHRUMP HYDROLOGIC UNIT</b>																													
		MINOR SURFACE WATERS		X	X			X			X	X	X		X		X	X	X			X								
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X	X	X			X	X							
611.00	<b>MESQUITE HYDROLOGIC UNIT</b>																													
	MESQUITE LAKE	ALKALI LAKE	X	X			X			X	X	X		X		X	X	X			X							INTERNL DRN LAKE/MESQUITE --		
	HORSE THIEF SPRINGS	SPRINGS/EMERGENT	X	X			X			X	X	X		X	X	X	X	X			X							MESQUITE VALLEY GW		
		MINOR SURFACE WATERS		X	X			X			X	X	X		X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X	X	X			X	X							

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQOE	FLD	CUL	T-SUB	SUB	
612.00	<b>IVANPAH HYDROLOGIC UNIT</b>																												
	IVANPAH LAKE	ALKALI LAKE	X	X			X				X	X			X	X	X	X					X	X					INTERNL DRN LK/IVANPAH VAL GW
	IVANPAH SPRINGS	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	WILLOW SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	MINERAL SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	WHEATON SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						WHEATON WASH
	CLIFF CANYON SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	SLAUGHTERHOUSE SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	SACATON SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	CHINA SPRINGS	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						WHEATON WASH
	HARDROCK QUEEN SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						WHEATON WASH
	GROANER SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						WHEATON WASH
	JUNIPER SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X			X			X						IVANPAH LAKE
	WILLOW SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X			X			X						IVANPAH LAKE
	DOVE SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X			X			X						IVANPAH LAKE
	COTTONWOOD SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
	LIVE OAK SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE
CABIN SPRING	SPRINGS/EMERGENT	X	X			X	X			X	X			X	X	X						X						IVANPAH LAKE	
MINOR SURFACE WATERS		X	X			X				X	X	X		X	X	X													
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X			X	X	X						X	X						
613.00	<b>OWLSHEAD HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X			X			X	X	X		X	X	X													
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X					
613.10	<b>LOST LAKE HYDROLOGIC AREA</b>																												
	LOST LAKE	ALKALI LAKE	X				X			X	X					X	X											INTERNALLY DRAINED LAKE	
	MINOR SURFACE WATERS		X	X			X			X	X	X		X		X													
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X						
613.20	<b>OWL LAKE HYDROLOGIC AREA</b>																												
	OWL LAKE	ALKALI LAKE	X				X			X	X					X	X											INTERNALLY DRAINED LAKE	
	QUAIL SPRING	SPRING	X	X			X	X			X	X			X	X	X											OWL LAKE	
	MINOR SURFACE WATERS		X	X			X			X	X	X		X		X													
MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X						
614.00	<b>LEACH HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X			X			X	X	X		X	X	X													
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X					

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQOE	FLD	CUL	T-SUB	SUB
615.00	<b>GRANITE HYDROLOGIC UNIT</b>																											
	MINOR SURFACE WATERS		X				X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X				X	X			X	X	X		X	X	X						X	X				
615.10	<b>MCLEAN HYDROLOGIC AREA</b>																											
	MCLEAN LAKE	ALKALI LAKE	X				X				X	X	X		X		X	X										INTERNALLY DRAINED LAKE
	MINOR SURFACE WATERS		X				X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
615.20	<b>NELSON HYDROLOGIC AREA</b>																											
	NELSON LAKE	ALKALI LAKE	X				X				X	X	X		X		X	X										INTERNALLY DRAINED LAKE
	MINOR SURFACE WATERS		X				X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
616.00	<b>BICYCLE HYDROLOGIC UNIT</b>																											
	MINOR SURFACE WATERS		X				X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
617.00	<b>GOLDSTONE HYDROLOGIC UNIT</b>																											
	GOLDSTONE LAKE	ALKALI LAKE	X				X				X	X			X		X	X										INTERNALLY DRAINED LAKE
	PIONEER LAKE	ALKALI LAKE	X				X				X	X			X		X	X										INTERNALLY DRAINED LAKE
	GOLDSTONE LAKE	LAKE	X								X	X			X		X											
	MINOR SURFACE WATERS		X				X				X	X			X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
618.00	<b>COYOTE HYDROLOGIC UNIT</b>																											
	PARADISE SPRINGS	SPRINGS/HOT SPRINGS	X	X			X	X			X	X			X		X						X					COYOTE LAKE GW
	JACK SPRING	SPRINGS	X	X			X	X			X	X			X	X	X											COYOTE LAKE GW
	COYOTE LAKE		X				X	X			X	X	X		X		X											COYOTE LAKE
	JACK RABBIT SPRINGS		X	X			X				X	X	X		X		X											COYOTE LAKE
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X											
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				
	619.00	<b>SUPERIOR HYDROLOGIC UNIT</b>																										
SUPERIOR LAKE		LAKE	X								X	X			X		X											SUPERIOR LAKE
INDIAN SPRINGS		SPRINGS	X	X							X	X			X		X											SUPERIOR LAKE
UNNAMED LAKES		LAKE	X								X	X			X		X											SUPERIOR LAKE
MINOR SURFACE WATERS			X	X			X				X	X	X		X		X											
MINOR WETLANDS		SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X				

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD		BIOL	RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB
620.00	<b>BALLARAT HYDROLOGIC UNIT</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.10	<b>WINGATE PASS HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X	X	X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.20	<b>WILDROSE HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X	X			X				X	X	X		X	X	X	X	X	X	X		X				
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.21	<b>WHITE SAGE HYDROLOGIC SUBAREA</b>																										
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.22	<b>WILD ROSE PEAK HYDROLOGIC SUBAREA</b>																										
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.30	<b>LEE FLAT HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.40	<b>SANTA ROSA FLAT HYDROLOGIC AREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.41	<b>MALPAIS MESA HYDROLOGIC SUBAREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.42	<b>RAINBOW HYDROLOGIC SUBAREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			
620.43	<b>SILVER DOLLAR HYDROLOGIC SUBAREA</b>																										
	MINOR SURFACE WATERS		X				X				X	X	X		X		X										
	MINOR WETLANDS	SPRINGS/SEEPS/EMERGENT/MARSHES	X	X			X	X			X	X	X		X	X	X						X	X			



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HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB	
	MINOR SURFACE WATERS		X															X											
	MINOR WETLANDS	WETLANDS	X				X	X			X	X			X			X					X	X					
622.00	<b>COSO HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X	X		X			X											
	MINOR WETLANDS		X	X			X	X			X	X			X			X					X	X					
622.10	<b>WILD HORSE HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X			X			X											
	MINOR WETLANDS	WETLANDS	X	X			X				X	X			X			X					X	X					
622.20	<b>AIRPORT HYDROLOGIC AREA</b>																												
	AIRPORT LAKE	ALKALI LAKE	X				X				X	X			X		X	X										INTERNALLY DRAINED LAKE	
	MOUNTAIN SPRINGS & UPSTREAM	SPRINGS	X				X				X	X			X		X											MT SPR CYN WSH/INDIAN WELL GW	
	MINOR SURFACE WATERS		X				X				X	X			X		X												
	MINOR WETLANDS	WETLANDS	X				X	X			X	X			X		X						X	X					
623.00	<b>UPPER CACTUS HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X	X		X			X											
	MINOR WETLANDS	WETLANDS	X	X			X				X	X			X			X					X	X					
624.00	<b>INDIAN WELLS HYDROLOGIC UNIT</b>																												
	INDIAN WELLS "BRIAN WELLS"		X	X			X	X			X	X			X			X										INDIAN WELLS VALLEY GW	
	MINOR SURFACE WATERS		X	X			X				X	X			X			X											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X					
624.10	<b>ROSE HYDROLOGIC AREA</b>																												
	LITTLE LAKE	LAKE	X	X			X				X	X			X			X										LITTLE LAKE	
	LITTLE LAKE CANYON CREEK		X	X			X				X	X			X			X										LITTLE LAKE	
624.10	<b>INTERMITTENT TRIBUTARY</b>																												
	MINOR SURFACE WATERS		X	X			X				X	X	X		X	X		X					X						
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X					
624.20	<b>CHINA LAKE HYDROLOGIC AREA</b>																												
	NINE MILE CANYON CREEK	INTERMITTENT STREAM	X	X			X				X	X	X		X	X		X										INDIAN WELLS SUBUNIT GW	
	LARK SEEP LAGOON	LAKE	X	X			X				X	X			X			X	X	X		X	X					INDIAN WELLS SUBUNIT GW	
	G-1 SEEP	SPRINGS	X	X			X				X	X			X	X		X		X		X						LARK SEEP	
	SPRING IN FREEMAN CANYON	SPRINGS	X	X			X				X	X			X	X		X										FREEMAN CREEK	
	BIG SPRINGS	SPRINGS	X	X			X				X	X			X	X		X										FREEMAN CREEK	
	DRY LAKE SPRINGS	SPRINGS	X	X			X				X	X			X	X		X										INDIAN WELLS VALLEY GW	

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			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQVE	FLD	CUL	T-SUB	SUB
	DRY LAKE'	PLAYA LAKE	X	X			X				X	X			X	X	X											LAKE BED
	MOSCOW SPRINGS (3)	SPRINGS	X	X			X				X	X			X	X	X											SWEETWTR WSH,INDIAN WLS GW
	BIG SPRINGS	SPRINGS	X	X			X				X	X			X	X	X											INDIAN WELLS VALLEY GW
	INDIAN WELLS CANYON SPRINGS	SPRINGS	X	X			X				X	X			X	X	X											INDIAN WELLS VALLEY GW
	GRAPEVINE CYN SPRINGS	SPRINGS	X	X			X				X	X			X	X	X											INDIAN WELLS VALLEY GW
	SHORT CYN SPRINGS	SPRINGS	X	X			X				X	X			X	X	X											INDIAN WELLS VALLEY GW
	CHINA LAKE		X	X			X				X	X			X		X											CHINA LAKE
	SHEEP SPRINGS	SPRINGS	X	X			X				X	X			X	X	X											INDIAN WELLS VALLEY GW
	MINOR SURFACE WATERS		X	X			X				X	X	X		X	X	X											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X	X						X	X				
625.00	<b>FREMONT HYDROLOGIC UNIT</b>																											
	TUCKER ROAD WETLANDS	WETLANDS, PERENNIAL	X	X			X				X	X			X		X						X	X				TEACHAPI V B GW
	WETLANDS ABOVE NEW DAM	EPHEMERAL STREAM	X				X				X	X			X		X						X	X				TEACHAPI V B GW
	E MOST SPRING IN "TUCKER ROAD" TRANSECT	SPRING	X	X			X				X	X			X		X											TEACHAPI V B GW
	OAK CREEK PASS SPRINGS	SPRINGS	X	X			X	X			X	X			X		X											TEACHAPI V B GW
	WTLNDS/OAK CR. PASS, 0.5 MI DWNSTREAM FROM SPRGS	WETLANDS	X				X	X			X	X			X		X						X	X				TEACHAPI V B GW
	OAK CREEK CANYON WETLANDS	WETLANDS	X	X			X				X	X			X		X						X	X				OAK CREEK
	GREEN SPRING	SPRINGS	X	X			X				X	X			X		X											KELSO VALLEY GROUNDWATER
	QUAIL SPRING	SPRINGS	X	X			X				X	X			X		X						X					COTTONWOOD CR./KELSO VAL GW
	UPPER COTTONWOOD CREEK		X	X			X				X	X			X		X						X					COTTONWOOD CREEK
	UPPER SAND CREEK		X	X			X				X	X			X		X											CACHE CREEK
	LOWER SAND CREEK		X	X			X				X	X			X		X											
	UPPER CACHE CREEK		X	X			X				X	X			X		X											CACHE CREEK
	CACHE CREEK		X	X			X				X	X			X		X											FREMONT VALLEY
	CACHE CREEK 2		X				X				X	X			X		X											CACHE CREEK/ FREMONT VALLEY
	PROCTOR DRY LAKE, S OF HWY 58		X	X			X				X	X			X		X											PROCTOR LAKE
	SPRINGS SOUTH OF PROCTOR LAKE	SPRINGS	X	X			X				X	X			X		X											PROCTOR LAKE
	WETLANDS/CAMERON CANYON RD OFFRAMP(W BOUND)		X				X				X	X			X		X						X	X				CACHE CREEK
	LOWER CACHE CREEK		X				X				X	X			X		X											CACHE CREEK
625.00	SEEP SOUTH OF CAMERON CANYON		X	X			X				X	X			X		X											CACHE CREEK
	SEEP ON SLOPE S. OF CAMERON CYN RD.		X	X			X				X	X			X		X											CACHE CREEK
	SPRING W OF CAMERON CANYON RD	SPRING	X	X			X				X	X			X		X											CACHE CREEK
	TEHACHAPI WILLOW SPRINGS RD WETLANDS		X				X				X	X			X		X						X	X				
	KOEHN DRY LAKE		X	X	X	X	X				X	X			X		X											GROUNDWATER
	MESQUITE SPRINGS	SPRINGS	X	X			X				X	X			X		X											FREMONT VALLEY GW
	RED ROCK CANYON CREEK		X				X				X	X			X		X											FREMONT VALLEY/ KOEHN LAKE
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X		X						X	X				

# TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER								
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQOE	FLD	CUL	T-SUB	SUB
625.10	<b>DOVE SPRINGS HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X		X		X	X			X			X										
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X				
625.20	<b>KELSON LANDIS HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X		X		X	X			X			X										
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X				
625.30	<b>EAST TEHACHAPI HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X		X		X	X			X			X										
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X				
625.40	<b>KOEHN HYDROLOGIC AREA</b>																											
	DUCK PONDS		X				X		X		X	X			X			X										KOEHN LAKE
	KOEHN LAKE		X				X		X		X	X			X			X										KOEHN LAKE
	MESA SPRINGS, POISON SPRINGS	SPRINGS	X	X			X		X		X	X			X			X										KOEHN LAKE
	MINOR SURFACE WATERS		X	X			X		X		X	X			X			X										
MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X					
626.00	<b>ANTELOPE HYDROLOGIC UNIT</b>																											
	ROGERS LAKE WETLANDS	WETLANDS	X								X	X			X		X	X					X	X				
	OAK CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X		X			X										ANTELOPE VALLEY GW
	LITTLE ROCK CREEK	INTERMITTENT STREAM	X				X				X	X	X		X			X										ANTELOPE VALLEY GW
	BIG ROCK CREEK	PERENNIAL STREAM	X	X			X	X			X	X	X		X			X				X						ANTELOPE VALLEY GW
	MESCAL CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X			X				X						L.A. AQUEDUCT
	FAIRMONT RESERVOIR	RESERVOIR	X	X			X	X			X	X	X		X			X										L.A. AQUEDUCT
	HAROLD RESERVOIR	RESERVOIR	X	X			X	X			X	X	X		X			X										ANTELOPE VALLEY GW
	LITTLE ROCK RESERVOIR	RESERVOIR	X	X			X	X			X	X	X		X			X										ANTELOPE VALLEY GW
	LAKE PALMDALE	RESERVOIR	X	X			X				X	X	X		X			X				X	X					L.A. AQUEDUCT
	MINOR SURFACE WATERS		X	X			X				X	X	X		X			X										
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X				
	626.10	<b>CHAFEE HYDROLOGIC AREA</b>																										
MINOR SURFACE WATERS			X	X			X				X	X	X		X		X											
MINOR WETLANDS		WETLANDS	X	X			X	X			X	X			X			X					X	X				
626.20	<b>GLOSTER HYDROLOGIC AREA</b>																											
	MINOR SURFACE WATERS		X	X			X				X	X	X		X		X											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X			X					X	X				
626.30	<b>WILLOW SPRINGS HYDROLOGIC AREA</b>																											

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HU No.	HYDROLOGIC UNIT/SUBUNIT DRAINAGE FEATURE	WATERBODY CLASS MODIFIER	BENEFICIAL USES																	RECEIVING WATER									
			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQIE	FLD	CUL	T-SUB	SUB	
	MINOR SURFACE WATERS		X	X																									
	MINOR WETLANDS	WETLANDS	X	X				X	X														X	X					
626.40	<b>NEENACH HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X				X				X	X	X		X	X		X										
	MINOR WETLANDS	WETLANDS	X	X				X	X						X				X					X	X				
626.50	<b>LANCASTER HYDROLOGIC AREA</b>																												
	AMARGOSA CREEK ABOVE LACSD DISCHARGE	EPHEMERAL STREAM	X	X				X	X			X	X	X		X	X		X										LOWER AMARGOSA CREEK
	AMARGOSA CREEK BELOW LACSD DISCHARGE	EPHEMERAL STREAM		X				X	X			X			X				X										PIUTE PONDS AND WETLANDS
	PIUTE PONDS	PONDS		X				X	X			X			X				X	X	X								ROSAMOND DRY LAKE
	PIUTE PONDS WETLANDS	WETLANDS		X				X	X			X			X				X	X	X			X	X				ROSAMOND DRY LAKE
	ROSAMOND DRY LAKE <sup>1</sup>	PLAYA LAKE						X				X			X		X	X											TERMINAL LAKE
	MINOR SURFACE WATERS		X	X				X				X	X	X		X	X		X										
	MINOR WETLANDS	WETLANDS	X	X				X	X			X			X				X				X	X					
626.60	<b>NORTH MUROC HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X				X				X	X	X		X	X		X										
	MINOR WETLANDS	WETLANDS	X	X				X	X			X			X				X					X	X				
626.70	<b>BUTTES HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X				X				X	X	X		X	X		X										
	MINOR WETLANDS	WETLANDS	X	X				X	X			X	X		X				X					X	X				
626.80	<b>ROCK CREEK HYDROLOGIC AREA</b>																												
	MINOR SURFACE WATERS		X	X				X				X	X	X		X	X		X										
	MINOR WETLANDS	WETLANDS	X	X				X	X			X			X				X					X	X				
<sup>1</sup> The SAL use does not apply to tributaries of Rosamond Dry Lake																													
627.00	<b>CUDEBACK HYDROLOGIC UNIT</b>																												
	MINOR SURFACE WATERS		X	X				X				X	X	X		X		X											
	MINOR WETLANDS	WETLANDS	X					X	X			X			X				X										
628.00	<b>MOJAVE HYDROLOGIC UNIT</b>																												
628.10	<b>EL MIRAGE HYDROLOGIC AREA</b>																												
	SHEEP CREEK	PERENNIAL STREAM	X	X				X				X	X	X		X	X		X										EL MIRAGE VLY GW BASIN, EL MIRAGE DRY LK
	HEATH CANYON CREEK	PERENNIAL STREAM	X	X				X				X	X	X		X	X		X										SHEEP CREEK

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			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQIE	FLD	CUL	T-SUB	SUB
	MINOR SURFACE WATERS		X	X							X	X	X		X	X	X											EL MIRAGE VLY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X							X	X			X	X	X						X	X				EL MIRAGE VLY GW BASIN
628.20	<b>UPPER MOJAVE HYDROLOGIC AREA</b>																											
	MOJAVE RIVER (MOJAVE FORKS DAM TO BEAR VALLEY RD) (See Figure 2-2.1)		X	X							X	X	X		X	X	X											UPPER MOJAVE R. VLY GW BASIN, SODA LK, CRONESE LAKES
	MOJAVE RIVER (BEAR VALLEY RD TO ONE MILE DOWNSTREAM OF THE HWY 66 BRIDGE) (See Figure 2-1.1)		X	X			X				X	X	X		X	X	X		X	X								UPPER MOJAVE R. VLY GW BASIN, SOLDA LAKE, CRONESE LAKES
	MOJAVE RIVER (ONE MILE DOWNSTREAM OF THE HWY 66 BRIDGE TO HELENDALE) (See Figure 2-1.1)		X	X			X				X	X	X		X	X	X		X	X								UPPER MOJAVE R. VLY GW BASIN, SOLDA LAKE, CRONESE LAKES
	LOWER NARROWS OF MOJAVE R. WETLANDS	WETLANDS	X	X			X				X	X			X	X	X		X	X			X	X				MOJAVE RIVER, UPPER MOJAVE R. VLY GW BASIN
	TURNER SPRINGS	SPRINGS	X	X			X				X	X			X		X						X	X				MOJAVE RIVER
	WEST FORK MOJAVE RIVER	INTERMITTENT STREAM	X	X			X				X	X	X		X	X	X											SILVERWOOD LK, MOJAVE RIVER, UPPER MOJAVE R. VLY GW BASIN
	EAST FORK OF WEST FORK OF MOJAVE RIVER	PERENNIAL STREAM	X	X							X	X	X		X	X	X					X						SILVERWOOD LAKE
	LAKE GREGORY	LAKE	X	X			X		X		X	X	X		X	X	X					X						HOUSTON CREEK
	SEELEY CANYON CREEK	PERENNIAL STREAM	X	X							X	X	X		X	X	X											EAST FORK OF WEST FORK
	HOUSTON CREEK	PERENNIAL STREAM	X	X							X	X	X		X	X	X											EAST FORK OF WEST FORK
	DART CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											HOUSTON CREEK
	DEEP CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											FORKS RESERVOIR, MOJAVE RIVER
	SAWPIT CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											WEST FORK MOJAVE
	WILLOW CREEK	INTERMITTENT STREAM	X	X							X	X	X		X	X	X											DEEP CREEK
	TROY CREEK	INTERMITTENT STREAM	X	X			X				X	X	X		X	X	X											DEEP CREEK
	TROY POND	INTERMITTENT POND	X	X			X				X	X	X		X	X	X											DEEP CREEK
	HOLCOMB CREEK	INTERMITTENT STREAM	X	X							X	X	X		X	X	X											DEEP CREEK
	LITTLE BEAR CREEK	INTERMITTENT STREAM	X	X							X	X	X		X	X	X											DEEP CREEK
	LAKE ARROWHEAD	LAKE	X	X			X		X		X	X	X		X	X	X											WILLOW CREEK
	ARROWBEAR LAKE	LAKE	X	X			X		X		X	X	X		X	X	X											DEEP CREEK
	HOOKS CREEK	PERENNIAL STREAM	X	X							X	X	X		X	X	X											LITTLE BEAR CREEK
	TWIN PEAKS CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											(UPPER) GRASS VALLEY CREEK
	SHAKE CREEK	PERENNIAL STREAM	X	X							X	X	X		X	X	X					X						DEEP CREEK
	SHEEP CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											DEEP CREEK
	CRAB CREEK	PERENNIAL STREAM	X	X							X	X	X		X	X	X					X						DEEP CREEK
	GREEN VALLEY LAKE	LAKE	X	X			X				X	X	X		X	X	X											GREEN VALLEY CREEK
	GREEN VALLEY CREEK	PERENNIAL STREAM	X	X			X				X	X	X		X	X	X											GREEN VALLEY LAKE, DEEP CREEK
	SILVERWOOD LAKE	RESERVOIR	X	X			X				X	X	X		X	X	X											WEST FORK MOJAVE RIVER, UPPER MOJAVE R. VLY GW BASIN
	628.20	GRASS VALLEY LAKE	LAKE	X	X			X			X	X	X		X	X	X											GRASS VALLEY CREEK
		GRASS VALLEY CREEK	PERENNIAL STREAM	X	X			X			X	X	X		X	X	X											GRASS VALLEY LAKE, WEST FORK MOJAVE RIVER
		UPPER MOJAVE RIVER, LOWER SLOUGH	WETLANDS	X	X			X			X	X			X		X						X	X				MOJAVE RIVER
		MINOR SURFACE WATERS		X	X			X			X	X	X		X	X	X											UPPER MOJAVE R VLY GW BASIN
MINOR WETLANDS		WETLANDS	X	X			X	X			X	X			X	X	X					X	X				UPPER MOJAVE R VLY GW BASIN	



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			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
	MOJAVE RIVER (See Figure 2-1.1)		X	X			X				X	X			X			X										CAVES CYN VLY GW BASIN, SODA LAKE, CRONESE LAKES
	MOJAVE RIVER, AFTON CANYON		X	X			X				X	X			X			X	X	X								CAVES CYN VLY GW BASIN, SODA LAKE, CRONESE LAKES
	MINOR SURFACE WATERS		X	X			X				X	X			X	X		X										CAVES CYN VLY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X		X		X			X	X				CAVES CYN VLY GW BASIN
628.72	<b>CRONESE HYDROLOGIC SUBAREA</b>																											
	BITTER SPRINGS	WETLANDS	X	X			X				X	X			X	X		X					X	X				CRONESE VALLEY GW ASIN
	CRONESE LAKES (EAST AND WEST)	WETLANDS	X	X			X				X	X			X	X		X					X	X				INTERNALLY DRAINED LAKES, CRONESE VLY GW BASIN
	MINOR SURFACE WATERS		X	X			X				X	X			X	X		X										CRONESE VALLEY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X		X		X			X	X				CRONESE VALLEY GW BASIN
628.73	<b>LANGFORD HYDROLOGIC SUBAREA</b>																											
	MINOR SURFACE WATERS		X	X			X				X	X			X	X		X										LANGFORD VLY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X		X		X			X	X				LANGFORD VLY GW BASIN
628.80	<b>BAKER HYDROLOGIC AREA</b>																											
628.81	<b>SILVER LAKE HYDROLOGIC SUBAREA</b>																											
	SILVER LAKE	ALKALI LAKE	X	X			X				X	X			X	X	X	X										INTRNL DRN LK/SILVER LK VLY GW BASIN
	HALLORAN SPRING	SPRING/EMERGENT	X	X			X				X	X			X	X		X										SILVER LAKE VLY GW BASIN
	MINOR SURFACE WATERS		X	X			X				X	X			X	X		X										SILVER LAKE VLY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X		X		X			X	X				SILVER LAKE VLY GW BASIN
628.82	<b>SODA LAKE HYDROLOGIC SUBAREA</b>																											
	SODA LAKE	ALKALI LAKE	X	X			X				X	X	X		X	X		X					X					INTERNALLY DRAINED LAKE, SILVER LAKE, SODA LAKE VLY GW BASIN
	ZYZYX SPRING	SPRING	X	X			X				X	X	X		X	X		X	X	X								SODA LAKE VLY GW BASIN
	MOJAVE RIVER (See Figure 2-1.1)		X	X							X	X			X	X		X										SODA LAKE, SODA LAKE VLY GW BASIN
	MOJAVE RIVER, AFTON CANYON		X	X							X	X			X	X		X	X	X								SODA LAKE, SODA LAKE VLY GW BASIN
	INDIAN SPRING	SPRING	X	X			X	X			X	X			X	X		X										SODA LAKE VLY GW BASIN
	CANE SPRING	SPRING	X	X			X	X			X	X			X	X		X										SODA LAKE VLY GW BASIN
	GRANITE SPRING	SPRING	X	X			X	X			X	X			X	X		X										SODA LAKE VLY GW BASIN
	HENRY SPRING	SPRING	X	X			X	X			X	X			X	X		X										SODA LAKE VLY GW BASIN
	MESQUITE SPRINGS	SPRINGS	X	X			X				X	X			X	X		X					X					MOJAVE RIVER SINK
	MINOR SURFACE WATERS		X	X			X				X	X			X	X		X										
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X		X		X			X	X				
628.90	<b>KELSO HYDROLOGIC AREA</b>																											
	TOUGH NUT SPRING	SPRING/EMERGENT	X	X			X	X			X	X	X		X	X		X					X					CEDAR WASH

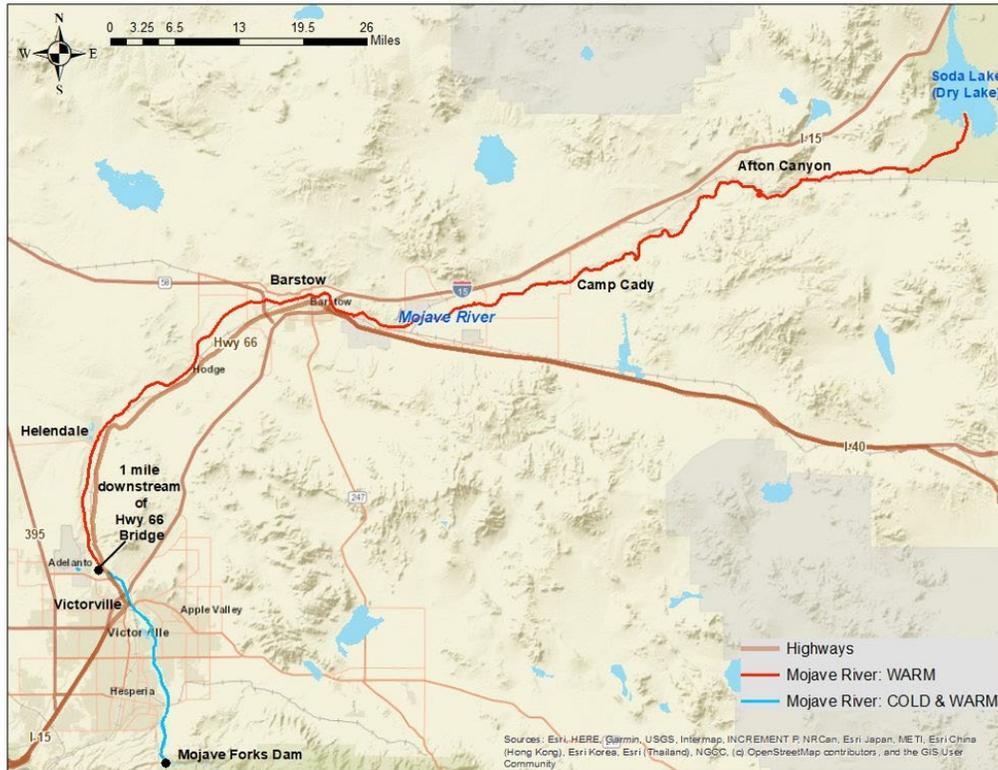
## TABLE 2-1. BENEFICIAL USES OF SURFACE WATERS OF THE LAHONTAN REGION

Unless otherwise specified, beneficial uses also apply to all tributaries of surface waters identified in Table 2-1.

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			MUN	AGR	PRO	IND	GWR	FRSH	NAV	POW	REC-1	REC-2	COMM	AQUA	WAR	COLD	SAL	WILD	BIOL		RARE	MIGR	SPWN	WQE	FLD	CUL	T-SUB	SUB
	MARL SPRING	SPRING/EMERGENT	X	X			X	X			X	X	X		X	X	X	X					X					KELSO WASH
	MINOR SURFACE WATERS		X	X			X				X	X			X	X	X	X										KELSO VLY GW BASIN
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X	X	X	X				X	X				KELSO VLY GW BASIN
629.00	<b>BROADWELL HYDROLOGIC UNIT</b>																											
	MINOR WETLANDS	WETLANDS	X	X			X	X			X	X			X	X	X	X					X	X				
	MINOR SURFACE WATERS		X	X			X				X	X	X		X	X	X	X										



**Figure 2-1.1**  
**Map showing locations where the COLD and WARM freshwater habitat beneficial uses apply for the Mojave River**



The location on the Mojave River identified in Figure 2-1.1 as "1 mile downstream of Hwy 66 Bridge" below which COLD does not apply corresponds with the coordinates 34°34'36.8"N, 117°20'10.3"W.

**Figure 2-1.2**  
**Map showing delineation of the Mojave Fringed-toed Lizard Bureau of Land Management designated Area of Critical Environmental Concern**



Figure 2-1.2 shows the Mojave Fringed-toed Lizard Area of Critical Environmental Concern (ACEC) as designated by the Bureau of Land Management. The reaches of the Mojave River that pass through these ACEC units are designated with the BIOL beneficial use.

Ch. 2, BENEFICIAL USES

Table 2-2  
**BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-1	Surprise Valley	x	x	x	x		
6-2	Madeline Plains	x	x		x		
6-3	Willow Creek Valley	x	x		x		
6-4	Honey Lake Valley	x	x	x	x		x
6-5.01	Tahoe Valley - South	x	x	x			
6-5.02	Tahoe Valley - North	x	x				
6-6	Carson Valley	x	x	x	x		
6-7	Antelope Valley (Topaz Valley)	x	x		x		
6-8	Bridgeport Valley	x	x	x	x		
6-9	Mono Valley	x	x	x	x		
6-10	Adobe Lake Valley	x	x		x		
6-11	Long Valley	x	x	x	x		
6-12	Owens Valley	x	x	x	x		x
6-13	Black Springs Valley	x	x		x		
6-14	Fish Lake Valley	x	x		x		
6-15	Deep Springs Valley	x	x		x		
6-16	Eureka Valley	x			x		
6-17	Saline Valley	x			x		
6-18	Death Valley	x	x		x		x
6-19	Wingate Valley	x	x		x		
6-20	Middle Amargosa Valley	x	x	x	x		
6-21	Lower Kingston Valley	x	x		x		
6-22	Upper Kingston Valley	x	x		x		
6-23	Riggs Valley	x	x		x		
6-24	Red Pass Valley	x	x		x		
6-25	Bicycle Valley	x		x	x		
6-26	Avawatz Valley	x	x		x		
6-27	Leach Valley	x					
6-28	Pahrump Valley	x	x		x		
6-29	Mesquite Valley	x	x		x		
6-30	Ivanpah Valley	x	x	x	x		
6-31	Kelso Valley	x	x	x	x		
6-32	Broadwell Valley	x	x		x		
6-33	Soda Lake Valley	x	x	x	x		
6-34	Silver Lake Valley	x	x	x	x		
6-35	Cronise Valley	x	x	x	x		
6-36	Langford Valley	x	x	x	x		
6-37	Coyote Lake Valley	x	x		x		
6-38	Caves Canyon Valley	x	x	x	x		
6-39	Troy Valley	x	x	x	x		
6-40	Lower Mojave River Valley	x	x	x	x	x	
6-41	Middle Mojave River Valley	x	x	x	x	x	
6-42	Upper Mojave River Valley	x	x	x	x	x	
6-43	El Mirage Valley	x	x	x	x		

**Table 2-2**  
**BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-44	Antelope Valley	x	x	x	x		
6-45	Tehachapi Valley East	x	x	x	x		
6-46	Fremont Valley	x	x	x	x		
6-47	Harper Valley	x	x	x	x		
6-48	Goldstone Valley	x		x	x		
6-49	Superior Valley	x					
6-50	Cuddback Valley	x	x	x	x		
6-51	Pilot Knob Valley	x	x	x	x		
6-52	Searles Valley (see note #1 below)	x		x			
6-53	Salt Wells Valley (see note #2 below)	x		x			
6-54	Indian Wells Valley (see note #2 below)	x	x	x	x		
6-55	Coso Valley	x					
6-56	Rose Valley	x	x	x	x		
6-57	Darwin Valley	x					
6-58	Panamint Valley	x		x			
6-59	Granite Mountain Area	x	x		x		
6-60	Fish Slough Valley	x	x	x	x		
6-61	Cameo Area	x					
6-62	Race Track Valley	x					x
6-63	Hidden Valley	x					
6-64	Marble Canyon Way	x	x		x		
6-65	Cottonwood Spring Area	x	x		x		
6-66	Lee Flat	x					
6-67	Martis Valley	x	x		x		
6-68	Santa Rosa Flat	x					
6-69	Kelso Lander Valley	x	x		x		
6-70	Cactus Flat	x	x	x			
6-71	Lost Lake Valley	x					
6-72	Coles Flat	x					
6-73	Wild Horse Mesa Area	x					
6-74	Harrsburg Flats	x					
6-75	Wildrose Canyon	x					
6-76	Brown Mountain Valley	x		x			
6-77	Grass Valley	x		x			
6-78	Denning Spring Valley	x	x		x		
6-79	California Valley	x	x	x	x		
6-80	Middle Park Canyon	x		x			
6-81	Butte Valley	x	x		x		

Note #1: The MUN designation does not apply to ground water under the Searles Lake bed, or to the groundwater surrounding Searles Lake within the boundaries shown in Figure 2-2.1. The PRO (Industrial Process Supply) use applies to the ground water under the Searles Lake bed.

Note #2: The MUN designation does not apply to the ground waters located beneath the Salt Wells Valley and those within the shallow groundwater (above the top of the low-permeability lacustrine clay sediments) in the eastern Indian Wells Valley groundwater basins as shown on Figure 2-2.2.

**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-82	Spring Canyon Valley	x	x		x		
6-83	Furnace Creek Area	x					x
6-84	Greenwater Valley	x					x
6-85	Gold Valley	x	x		x		
6-86	Rhodes Hill Area	x	x		x		
6-87	Butterbread Canyon Valley	x					
6-88	Owl Lake Valley	x					
6-89	Kane Wash Area	x	x	x	x		
6-90	Cady Fault Area	x	x	x	x		
6-91	Cow Head Lake Valley	x	x		x		
6-92	Pine Creek Valley	x	x		x		
6-93	Harvey Valley	x	x		x		
6-94	Grasshopper Valley	x	x				
6-95	Dry Valley	x	x				
6-96	Eagle Lake Valley	x	x		x		
6-97	Horse Lake Valley	x	x				
6-98	Tuledad Canyon Area	x	x				
6-99	Painters Flat	x	x				
6-100	Secret Valley	x	x				
6-101	Bull Flat	x	x				
6-102	Modoc Plateau Recent Volcanic Areas	x	x				
6-103	Modoc Plateau Pleistocene Volcanic Areas	x	x				
6-104	Long Valley	x	x	x	x		
6-105	Slinkard Valley	x	x		x		
6-106	Little Antelope Valley	x	x		x		
6-107	Antelope Valley	x	x		x		
NOTE: BASIN NUMBERS 6-108 TO 6-345 ARE UN-NAMED, SEE PLATES 2A & 2B FOR LOCATION							
6-108		x					
6-109		x					
6-110		x					
6-111		x					
6-112		x					
6-113		x					
6-114		x					
6-115		x					
6-116		x					
6-117		x					
6-118		x					
6-119		x					
6-120		x					
6-121		x					
6-122		x					
6-123		x					
6-124		x					

**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-125		X					
6-126		X					
6-127		X					
6-128		X					
6-129		X					
6-130		X					
6-131		X					
6-132		X					
6-133		X					
6-134		X					
6-135		X					
6-136		X					
6-137		X					
6-138		X					
6-139		X					
6-140		X					
6-141		X					
6-142		X					
6-143		X					
6-144		X					
6-145		X					
6-146		X					
6-147		X					
6-148		X					
6-149		X					
6-150		X					
6-151		X					
6-152		X					
6-153		X					
6-154		X					
6-155		X					
6-156		X					
6-157		X					
6-158		X					
6-159		X					
6-160		X					
6-161		X					
6-162		X					
6-163		X					
6-164		X					
6-165		X					
6-166		X					
6-167		X					
6-168		X					

**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-169		X					
6-170		X					
6-171		X					
6-172		X					
6-173		X					
6-174		X					
6-175		X					
6-176		X					
6-177		X					
6-178		X					
6-179		X					
6-180		X					
6-181		X					
6-182		X					
6-183		X					
6-184		X					
6-185		X					
6-186		X					
6-187		X					
6-188		X					
6-189		X					
6-190		X					
6-191		X					
6-192		X					
6-193		X					
6-194		X					
6-195		X					
6-196		X					
6-197		X					
6-198		X					
6-199		X					
6-200		X					
6-201		X					
6-202		X					
6-203		X					
6-204		X					
6-205		X					
6-206		X					
6-207		X					
6-208		X					
6-209		X					
6-210		X					
6-211		X					
6-212		X					

**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-213		X					
6-214		X					
6-215		X					
6-216-		X					
6-217		X					
6-218		X					
6-219		X					
6-220		X					
6-221		X					
6-222		X					
6-223		X					
6-224		X					
6-225		X					
6-226		X					
6-227		X					
6-228		X					
6-229		X					
6-230		X					
6-231		X					
6-232		X					
6-233		X					
6-234		X					
6-235		X					
6-236		X					
6-237		X					
6-238		X					
6-239		X					
6-240		X					
6-241		X					
6-242		X					
6-243		X					
6-244		X					
6-245		X					
6-246		X					
6-247		X					
6-248		X					
6-249		X					
6-250		X					
6-251		X					
6-252		X					
6-253		X					
6-254		X					
6-255		X					
6-256		X					

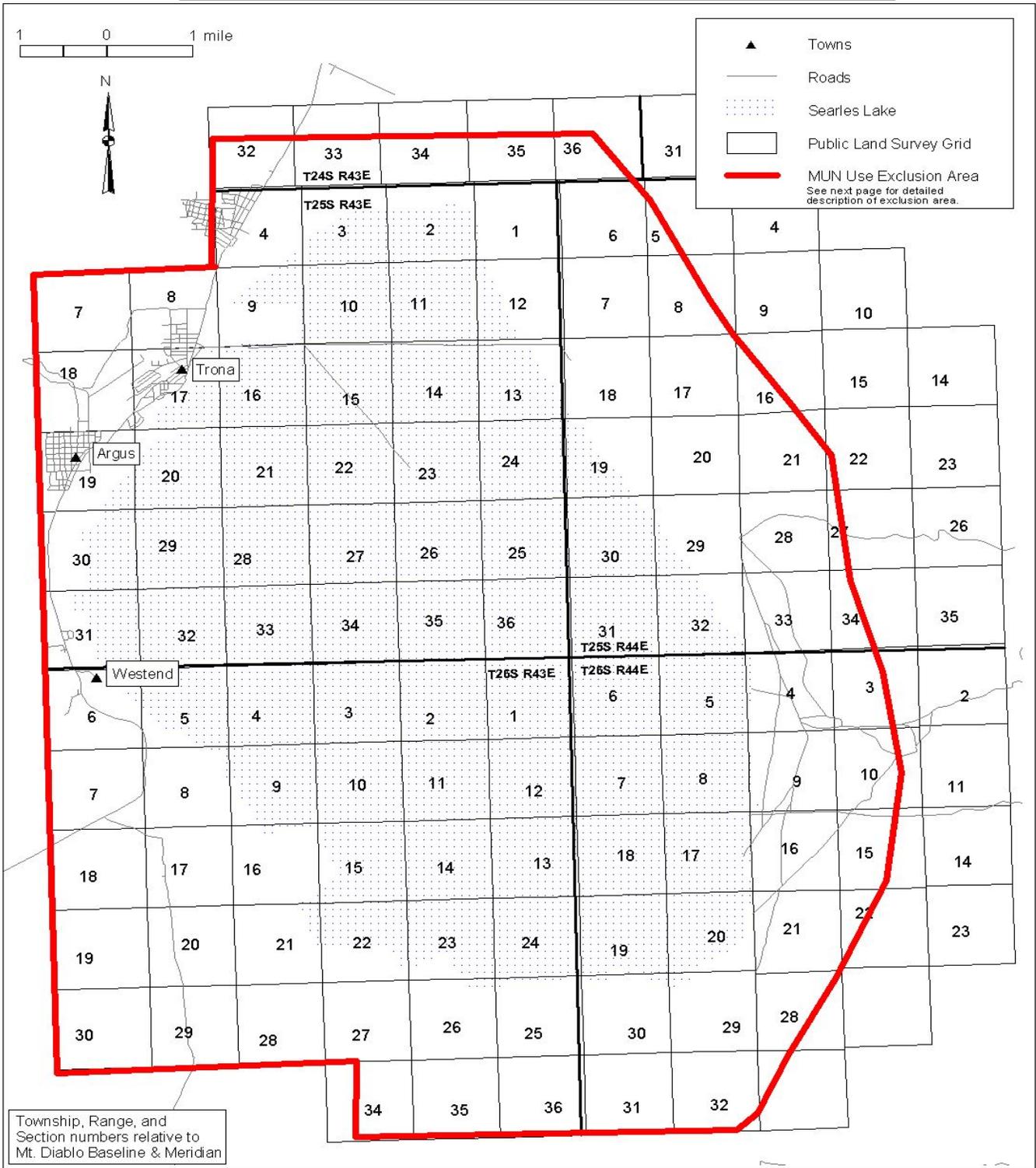
**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO	BASIN NAME	BENEIFICAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-257		X					
6-258		X					
6-259		X					
6-260		X					
6-261		X					
6-262		X					
6-263		X					
6-264		X					
6-265		X					
6-266		X					
6-267		X					
6-268		X					
6-269		X					
6-270		X					
6-271		X					
6-272		X					
6-273		X					
6-274		X					
6-275		X					
6-276		X					
6-277		X					
6-278		X					
6-279		X					
6-280		X					
6-281		X					
6-282		X					
6-283		X					
6-284		X					
6-285		X					
6-286		X					
6-287		X					
6-288		X					
6-289		X					
6-290		X					
6-291		X					
6-292		X					
6-293		X					
6-294		X					
6-295		X					
6-296		X					
6-297		X					
6-298		X					
6-299		X					
6-300		X					

**Table 2-2  
BENEFICIAL USES FOR GROUND WATERS OF THE LAHONTAN REGION**

BASIN DWR NO.	BASIN NAME	BENEFICIAL USES					
		MUN	AGR	IND	FRSH	AQUA	WILD
6-301		X					
6-302		X					
6-303		X					
6-304		X					
6-605		X					
6-306		X					
6-307		X					
6-308		X					
6-309		X					
6-310		X					
6-311		X					
6-312		X					
6-313		X					
6-314		X					
6-315		X					
6-316		X					
6-317		X					
6-318		X					
6-319		X					
6-320		X					
6-321		X					
6-322		X					
6-323		X					
6-324		X					
6-325		X					
6-326		X					
6-327		X					
6-328		X					
6-329		X					
6-330		X					
6-331		X					
6-332		X					
6-333		X					
6-334		X					
6-335		X					
6-336		X					
6-337		X					
6-338		X					
6-339		X					
6-340		X					
6-341		X					
6-342		X					
6-343		X					
6-344		X					
6-345		X					

FIGURE 2-2.1 BOUNDARY OF AREA  
WITHIN SEARLES VALLEY GROUND WATER  
BASIN WHERE MUN USE DESIGNATION DOES NOT APPLY



The area shown in Figure 2-2.1, within which the Municipal and Domestic Supply beneficial use does not apply to ground water, is as follows:

Beginning at the southwestern origination point of the area: southwest corner of Section 30 (T26S, R43E, MDB&M) and continuing north along the Section 30 west boundary, along the Section 19 (T26S, R43E, MDB&M) west boundary, along the Section 18 (T26S, R43E, MDB&M) west boundary, along the Section 7 (T26S, R43E, MDB&M) west boundary, along the Section 6 (T26S, R43E, MDB&M) west boundary, along the Section 31 (T25S, R43E, MDB&M) west boundary, along the Section 30 (T25S, R43E, MDB&M) west boundary, along the Section 19 (T25S, R43E, MDB&M) west boundary, along the Section 18 (T25S, R43E, MDB&M) west boundary, along the Section 7 (T25S, R43E, MDB&M) west boundary, along the Section 7 (T25S, R43E, MDB&M) north boundary, along the Section 8 (T25S, R43E, MDB&M) north boundary, along the Section 4 (T25S, R43E, MDB&M) west boundary, along the west boundary of Section 32 (T24S, R43E, MDB&M) to the west-to-east half section line which is the northwestern corner of the area.

Beginning at Section 32 on the west to east half-section line across Section 32 (T24S, R43E, MDB&M) until the boundary intersects the west boundary of Section 33, Section 32 on the west to east half-section line across Section 33 (T24S, R43E, MDB&M) until the boundary intersects the west boundary of Section 34, Section 34 on the west to east half-section line across Section 34 (T24S, R43E, MDB&M) until the boundary intersects the west boundary of Section 35, Section 35 on the west to east half-section line until the line intersects the 1,800-foot contour line on the east side of Searles Lake which is the northeast corner of the area.<sup>1</sup>

The east boundary of the area follows the 1,800-foot contour line for approximately 13 miles until the contour line intersects the T26S/T27S line at the southern section line in Section 32 (T26S, R44E, MDB&M), the boundary of the area follows the southern section line of Section 32 (T26S, R44E, MDB&M) until it intersects Section 31 (T26S, R44E, MDB&M), from there the boundary extends along the southern boundary of Section 31 (T26S, R44E, MDB&M), along the southern boundary of Section 36 (T26S, R43E, MDB&M), along the southern boundary of Section 35 (T26S, R43E, MDB&M), and along the southern boundary of Section 34 (T26S, R43E, MDB&M) to the north-south half-section line of this

section, from this point the boundary extends along the north-south half-section line to the southern boundary of Section 27 (T26S, R43E, MDB&M); from here the boundary extends west along the southern boundary of Section 27 (T26S, R43E, MDB&M) to the intersection of the southern boundaries of Sections 27 and 28 (T26S, R43E, MDB&M), along the southern boundary of Section 28 (T26S, R43E, MDB&M), along the southern boundary of Section 29 (T26S, R43E, MDB&M), and along the boundary of Section 30 (T26S, R43E, MDB&M), and the boundary of the area closes at the southwest corner of Section 30 (T26S, R43E, MDB&M).

<sup>1</sup> Due to the limitations of the Geographic Information System (GIS) coverage used to create Figure 2-2.1, the western boundary in the figure follows the 2000-foot contour line, rather than the 1800-foot

contour line. The topographic description reflects the actual boundary.

**Figure 2-2.2**  
**BOUNDARY OF AREA WITHIN SALT WELLS VALLEY GROUND WATER BASIN**  
**WHERE MUN USE DESIGNATION DOES NOT APPLY**

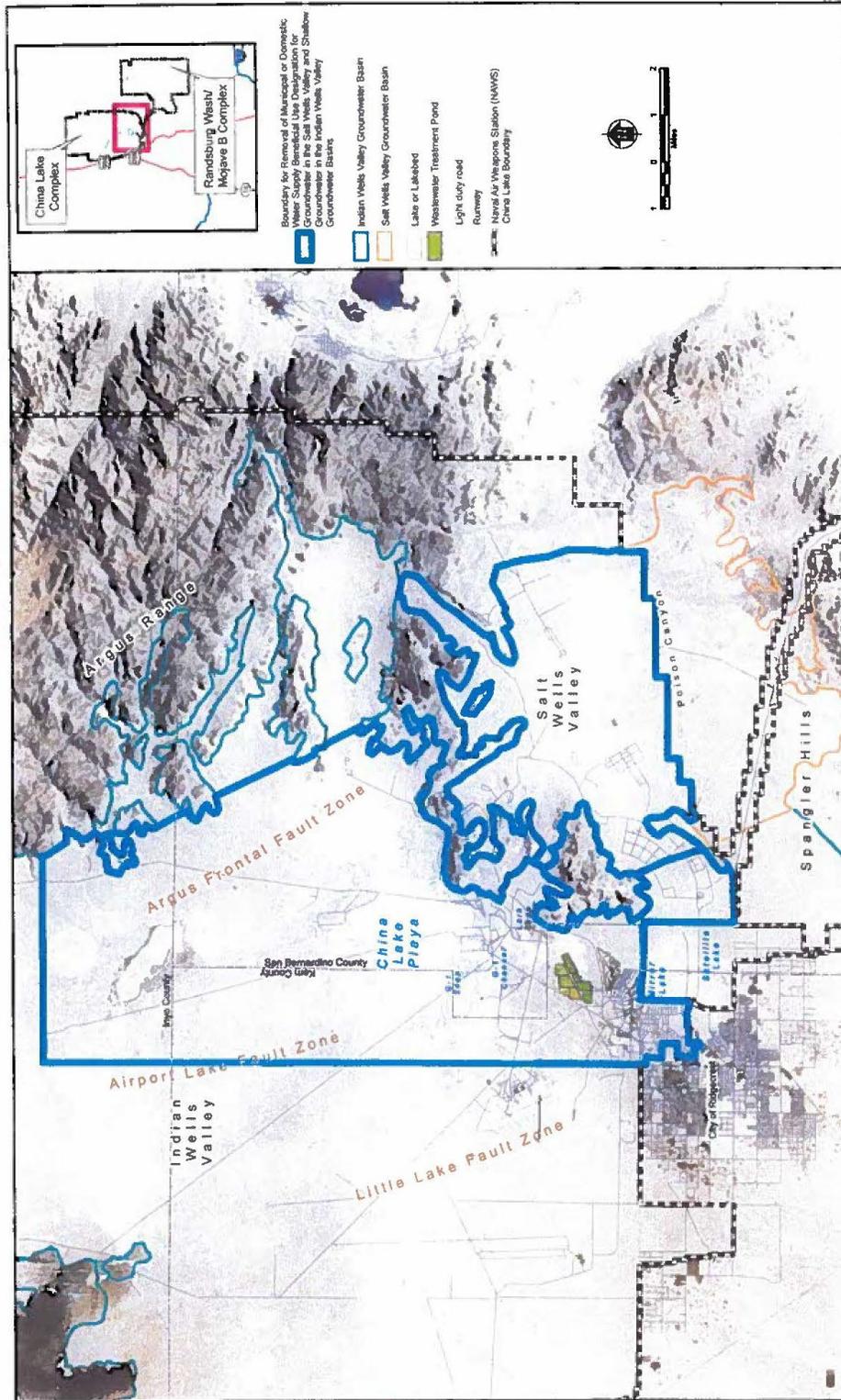


Figure 2-2

The area shown in Figure 2-2.2, within which the Municipal and Domestic Supply beneficial use does not apply to ground water is as follows:

Salt Wells Valley Groundwater Basin No. 6-53 (as defined in the California Department of Water Resources Bulletin 118) except the southern boundary which is defined by the boundary of Naval Air Weapons Station China Lake. The Salt Wells Valley Groundwater Basin de-designation area includes all or portions of:

- T26S, R41E (except Sections 35 and 36);
- T26S, R42E, Sections 5, 6, 7, 8, 16, 17, 18, 19, 20, 21, 28, 29, 30; and
- T25S, R42E, Sections 31 and 32, all referenced to MDB&M.

Indian Wells Valley Groundwater Basin No. 6-54 (as defined by California Department of Water Resources Bulletin 118) such that:

The western boundary runs northward from the northern portion of Section 34 (as defined by the boundary of Naval Air Weapons China Lake), T26S, R40E to the northwest corner of Section 21, T24S, R40E.

The northern boundary includes, from west to east: Section 21, T26S, R40E to the eastern boundary of Indian Wells Valley Groundwater Basin No. 6-54.

The eastern boundary is defined as the eastern boundary of Indian Wells Valley Groundwater Basin No. 6-54.

The southern boundary is defined by the boundary of Naval Air Weapons Station China Lake from the northern portion of Section 34, T26S, R40E, as defined by the boundary of Naval Air Weapons China Lake, excluding the east half of Section 26 and all of Sections 25 and 36, T26S, R40E to the Salt Wells Valley Groundwater Basin No. 6-53, exclusive of Section 25, east half of Section 26, and Sections 35 and 36, T26S, R40E.

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