

Appendix E

Colorado River Water Entitlements and Priority Systems within Arizona, California, and Nevada

This appendix contains tables that list the Colorado River water entitlement holders within Arizona, California, and Nevada. One table is provided for each state. The entitlement priority system for each of the three Lower Division states is also shown in each respective table. The priorities presented in this appendix are based on contractual arrangements between each entity and Reclamation, as well as key provisions of the Law of the River, including the Consolidated Decree.

Table E-1
State of Arizona Colorado River Water Entitlement Holders and Priorities

Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
1st (PPRs) ¹	Molina	PPR No. 15	1928	Agriculture	318	
	Gila Monster Farms (formerly Sturges)	PPR No. 16	1925	Agriculture	780	
	Cocopah Indian Reservation	PPR No. 1	9/27/1917	Indian	7,681	
	Cocopah Indian Reservation	PPR No. 8	1915	Indian	1,140	
	Powers (Power, R.E. & P.)	PPR No. 7	1915	Agriculture	960	
	Zozaya (in MVIDD)	PPR No. 17	1912	Agriculture	720	
	Fort Mohave Indian Reservation	PPR No. 3	2/2/1911	Indian	75,566	
	Brooke Water Company (formerly Graham)	PPR No. 9	1910	M&I ²	360	
	North Gila Valley Irrigation District	PPR No. 6	7/8/1905	Agriculture	24,500	
	Yuma Auxiliary Project (Unit B)	PPR No. 5 & Certificates	7/8/1905	Agriculture	6,800	
	City of Parker	PPR No. 20	1905	M&I	630	or if less, 400
	Hulet (in MVIDD)	PPR No. 10	1902	Agriculture	1,080	
	Hoover (in MVIDD/formerly Hopal)	4-07-30-W0052/PPR 11	1902	Agriculture	1,050	
	Miller (in MVIDD)	PPR No. 12	1902	M&I	240	
	McKellips and Granite Reef Farms (in MVIDD)	PPR No. 13	1902	Agriculture	810	
	Sherill & Lafollette (in MVIDD)	PPR No. 14	1902	Agriculture	1,080	
	Swan (in MVIDD)	PPR No 18	1902	M&I	960	
	Yuma County Water Users' Association	PPR No. 4 & Certificates	1901	Agriculture	254,200	
	Phillips, Milton and Jean	PPR No. 19	1900	Agriculture	42	
	City of Yuma	PPR No. 21	1893	M&I	2,333	or if less, 1,478
Fort Mohave Indian Reservation	PPR No. 3	9/18/1890	Indian	27,969		
Fort Yuma Indian Reservation (new entitlement)	PPR No. 3a	1/9/1884	Indian	6,350		
Colorado River Indian Reservation	PPR No. 2	11/16/1874	Indian	51,986		
Colorado River Indian Reservation	PPR No. 2	11/22/1873	Indian	252,016		
Colorado River Indian Reservation	PPR No. 2	3/3/1865	Indian	358,400		
2nd & 3rd (co-equal)	Cibola National Wildlife Refuge (2nd Priority)	Secretarial Reservation	8/21/1964	M&I	34,500	or if less, 16,793
	Yuma Irrigation District (5,000 af M&I) (2nd Priority)	14-06-300-1270	1962	M&I/Agriculture		67,278
	National Park Service (2nd Priority)	1964 Decree	1961	M&I	unquantified	

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Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
2nd & 3rd (co-equal)	Yuma Union High School (3rd Priority)	14-06-303-179	1960	M&I	200	
	Union Pacific Railroad (formerly Southern Pacific Co.) (3rd Priority)	14-06-303-1524	12/21/1959	M&I	48	
	Kaman, Inc. (3rd Priority)	14-06-303-1555	12/2/1959	M&I	2	
	City of Yuma (3rd Priority)	14-06-W-106	11/12/1959	M&I		48,522
	Department of Navy MCAS (2nd Priority)	14-06-300-937	1/1/1959	M&I	3,000	
	Yuma County Water Users' Association (14,701af M&I) (2nd Priority)	14-06-300-621 & Certificates	1957	M&I/Agriculture	unquantified	
	Yuma Area Office (489.95 af M&I Conversion)				490	
	City of Yuma (cemetery) (3rd Priority)	14-06-303-1078	11/12/1956	M&I	60	
	Yuma Mesa Fruit Growers (3rd Priority)	14-06-303-1196	10/1/1956	Agriculture	15	
	Yuma Mesa Irrigation & Drainage District (10,000 af M&I) (2nd Priority)	14-06-W102	5/26/1956	M&I/Agriculture		141,519
	Desert Lawn Memorial Park (3rd Priority)	14-06-300-1079	5/1/1956	M&I	200	
	Ak-Chin Indian Community ⁴ (2nd Priority)	AK-CHIN121180A	1/1/1956	Indian	50,000	
	University of Arizona (3rd Priority)	14-06-300-144	1954	Agriculture	1,088	
	Yuma Mesa Grapefruit Company (Camille Allec Jr.) (3rd Priority)	14-06-303-528	12/23/1953	Agriculture	120	
	North Gila Valley Irrigation District (2,500 af M&I) (2nd Priority)	14-06-W-54	5/12/1953	M&I/Agriculture		41,203
	Yuma Auxiliary Project (Unit B) (2nd Priority)	14-06-300-44	12/22/1962	Agriculture	unquantified	
	Wellton-Mohawk Irrigation and Drainage District (5,000 af M&I) (2nd Priority)	1-07-30-W0021	3/4/1952	M&I/Agriculture		278,000
	Chandler (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	4,278	
	Gilbert (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	6,762	
	Glendale (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	3,000	
	Mesa (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	2,760	
	Phoenix (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	5,000	
	Scottsdale (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	100	
	Tempe (Salt River Pima-Maricopa Exchange) ⁴ (2nd Priority)	Salt River Settlement	3/4/1952	M&I	100	
	Gila Monster Farms (formerly Sturges) (3rd Priority)	6-07-30-W0337	1/1/1952	Agriculture	6,285	
	Sturges, Harold (2nd Priority)	I76R-733	1/1/1952	Agriculture	0	
	Sturges, Irma (2nd Priority)	I76R-735	1/1/1952	Agriculture	0	
	Department of Army – Yuma Proving Ground (2nd Priority)	I76r-696	1951	M&I	1,129	
	Bureau of Reclamation - Davis Dam (2nd Priority)	Secretarial Reservation	4/26/1941	M&I	100	

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					Diversion	Consumptive Use
2nd & 3rd (co-equal)	Imperial National Wildlife Refuge (2nd Priority)	1964 Decree	2/14/1941	M&I	28,000	or if less, 23,000
	Havasu Lake National Wildlife Refuge (2nd Priority)	1964 Decree	1/22/1941	M&I	41,839	or if less, 37,399
4th (River Users)	Arizona State Land Department	7-07-30-W0358	2004	M&I	1,534	
	Arizona State Land Department	4-07-30-W0317	1999	Agriculture	6,607	
	Arizona State Parks Board - Contact Point	(Recommendation) ⁵		M&I	20	
	Arizona State Parks Board - Windsor Beach	7-07-30-W0364	1998	M&I	90	
	Arizona-American Water Company	00-XX-30-W0391	2001	M&I	1,420	
	Beattie Farms Southwest	06-XX-30-W0446	2006	Agriculture	1,110	
	Brooke Water Company (formerly Graham)	4-07-30-W0444	1983/2007	M&I	440	
	Bullhead City (includes subcontract w/MCWA of 6,000 af)	2-07-30-W0273	1982	M&I	21,210	
	Bureau of Land Management ³ (estimated diversion entitlement of 6,171 af)	8-07-30-W0373	1973/81/87	M&I	6,171	4,010
	CHACHA, LLC (formerly Curtis Family Trust)	(Recommendation)		Agriculture	2,100	
	B&F Investment, LLC	06-XX-30-W0453	1983	M&I	60	
	Cibola Valley Irrigation & Drainage District	2-07-30-W0028	1983	M&I	300	
	Cibola Valley Irrigation & Drainage District	2-07-30-W0028	1983	Agriculture	11,766	
	City of Somerton	03-XX-30-W0419	2006	M&I	750	
	City of Yuma (Smucker Park)	14-06-303-2702	1969	M&I	33	
	Cocopah Indian Reservation	1974 Decree	1974	Indian	2,026	
	Crystal Beach Water Conservation District	6-07-30-W0352	1997	M&I	132	
	Curtis, Armon (Curry Family LTD)	3-07-30-W0037	1983	Agriculture	300	
	Desert Lawn Memorial Park Association, Inc.	14-06-300-2587	1975	M&I	360	
	Ehrenburg Improvement District	8-07-30-W0006	1977	M&I	500	
	Fisher's Landing Water and Sewer Works, LLC	6-XX-30-W0450	2007	M&I	53	
	Gila Monster Farms (formerly Sturges Farms Inc.)	6-07-30-W0337	1997	Agriculture	1,435	
	Gold Dome Mining Corporation	0-07-030-W0250	1990	M&I	7	
Gold Standard Mines Corporation	3-07-30-W0038	1983	M&I	75		
Golden Shores Water Conservation District	9-07-30-W0203	1989	M&I	2,000		
Hillcrest Water Company	5-07-30-W0078	1985	M&I	84		
Hopi Tribe	04-XX-30-W0432	1983	Indian	5,997		

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Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
4th (River Users)	JRJ Partners LLC (formerly Jessen Family Limited)	06-XX-30-W0448	2007	Agriculture	1,080	
	Lake Havasu City (includes subcontract w/ MCWA of 6,000 af)	3-07-30-W0039	1995	M&I	25,180	
	Marble Canyon Company, Inc.	5-07-30-W0322	1996	M&I	70	
	Martinez Lake Cabin Sites	(Recommendation)		M&I	23	
	McAlister, Maurice L.	7-07-30-W0355	1998	M&I	40	
	Mohave County Water Authority	04-XX-30-W0431	1983	Agriculture	5,997	
	Mohave County Water Authority	5-07-30-W0320	1968	M&I	3,500	
	Subcontracts to Arizona-American Water Co. (900 af)					
	Subcontracts to MVIDD (380 & 600 af)					
	Mohave Valley Irrigation and Drainage District	14-06-W-204	1968	M&I	8,000	
	Mohave Valley Irrigation and Drainage District	14-06-W-204	1968	Agriculture	27,060	
	Mohave Water Conservation District (includes subcontract w/ MCWA of 3,000 af)	9-07-30-W0012	1968	M&I	4,800	
	North Baja LLC (formerly Jamar Produce)	5-07-30-W0066	1984	M&I	72	
	North Baja LLC (formerly Jamar Produce)	5-07-30-W0066	1984	Agriculture	408	
	Ogram Boys Enterprises	1-XX-30-W0402	2005	Agriculture	924	
	Ogram, George	01-XX-30-W0398	2003	Agriculture	480	
	Pasquinelli, Gary and Barbara (formerly Ansel Hall)	5-07-30-W0065	1986	Agriculture	486	
	Peach, John	(Recommendation)		Agriculture	456	
	Phillips, Milton and Jean	(Recommendation)		Agriculture	18	
	Rayner Ranches	5-07-30-W0064	1984	Agriculture	4,500	
	Reserved Secretary Water for Indian Settlements				3,500	
	Roy, Edward P. & Anna R.	6-07-30-W0124	1986	M&I	1	
	Shepard Water Company	(Recommendation)		M&I	50	
	City of Parker	2-07-30-W0025	1998	M&I	1,030	
	Town of Quartzsite	7-07-30-W0353	1999	M&I	1,070	
	Verizon (formerly Continental Telephone)	14-06-300-2506	1974	M&I	1	
	Unallocated Priority 4 Water			M&I	9,326	
Total River Users				164,652		

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Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
4th (CAP)	Central Arizona Water Conservation District (CAP) ⁴	14-06-W-245	1972	M&I/Agriculture/Indian	AZ Balance	AZ Balance
5th - Unused Apportionment	Arizona Public Service Company (formerly Yucca Power Plant)	6-07-30-W0336	2000		1,500	
	Arizona State Land Department	4-07-30-W0317	1999		9,067.2	
	Cibola Valley Irrigation & Drainage District	2-07-30-W0028	1983		1,500	
	Gila Monster Farms	6-07-30-W0337	1997		656	
	Hopi Tribe	04-XX-30-W0432	2004		750	
	Lake Havasu City	3-07-30-W0039	1995		Not Specified	
	Marble Canyon Company, Inc.	5-07-30-W0322	1996		Not Specified	
	Mohave County Water Authority	04-XX-30-W0431	1983		750	
	Mohave County Water Authority	5-07-30-W0320	1995		Upon Request	
	City of Parker	2-07-30-W0025	1998		2,000	
6th - Surplus	Cibola Valley Irrigation & Drainage District	2-07-30-W0028	1983		2,000	
	Gila Monster Farms	6-07-30-W0337	1997		Upon Request	
	Hopi Tribe	04-XX-30-W0432	2004		1,000	
	Mohave County Water Authority	04-XX-30-W0431	2004		1,000	

Note: All units are in afy (acre-feet per year).

Subcontracts are displayed below the Entitlement Holder and indented five spaces.

¹In a shortage, PPRs are delivered water in order of priority date regardless of state lines.

²Municipal and Industrial.

³BLM diversion entitlement is estimated from consumptive use entitlement based on 2004 Decree Accounting ratios.

⁴These CAP users are subject to CAP conveyance losses which are assumed to be 5 percent.

⁵Recommended Contracts.

Table E-2
State of California Colorado River Water Entitlement Holders and Priorities

Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
PPR's ¹	Miscellaneous PPRs	PPR's 45-80	1895-1928	M&I	36	21.6
	Sonny Gowan (Grannis)	PPR 32 & 7-07-30-W0158	1928	Agriculture	180	
	Chagnon	PPR No. 41	1925	Agriculture	120	
	Stephenson	PPR No. 30	1923	Agriculture	240	
	Colorado River Sportsmen's League	PPR No. 36	1921	Agriculture	96	
	Andrade (AKA Andrade, Andrews, Bly, Brown, Carney, Daniel, Fairbanks, Glynn, Lindeman, Leon, Schroeder, Sherman, Perrett, Wetmore, Wetmore, Williams)	PPR No. 38	1921	M&I/ Agriculture	66	
	Milpitas	PPR No. 34	1918	Agriculture	108	
	Lawrence	PPR No. 42	1915	Agriculture	120	
	Milpitas	PPR No. 37	1914	Agriculture	69	
	Morgan	PPR No. 33	1913	Agriculture	150	
	Chemehuevi Indian Reservation	PPR No. 22	2/2/1907	Indian	11,340	or if less, irrigation for 1,900 acres
	Cooper	PPR No. 40	1905	Agriculture	60	
	Yuma Project, Reservation Division (non-Indian portion)	PPR 28 & Water Cert.	7/8/1905	Indian/ Agriculture	38,270	or if less, irrigation for 6,294 acres
	Reynolds	PPR No. 39	1904	Agriculture	36	
	Imperial Irrigation District (includes lands in CVWD)	PPR No. 27	1901	Agriculture	2,600,000	or if less, irrigation for 424,145 acres
Needles (formerly Atchison, Topeka, and Santa Fe Railway Co.)	PPR No. 44	1896	M&I	1,260	273	
Picacho Development Corp and CA Department of Parks and Recreation	PPR 31 & 8-07-30-W0187	1893	Agriculture	120		

Table E-2
State of California Colorado River Water Entitlement Holders and Priorities

Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
	Fort Mohave Indian Reservation	PPR No. 25	9/18/1890	Indian	16,720	or if less, irrigation for 2,587 acres
PPRs ¹	Simons	PPR No. 35	1889	Agriculture	60	
	City of Needles	PPR No. 43/5-XX-30-W0445	1885	M&I	1,500	950
	Fort Yuma Indian Reservation	PPR No. 23	1/9/1884	Indian	71,616	or if less, irrigation for 10,742 acres
	Palo Verde Irrigation District	PPR No. 26	1877	Agriculture	219,780	or if less, irrigation for 33,604 acres
	Colorado River Indian Reservation	PPR No. 24	5/15/1876	Indian	5,860	or if less, irrigation for 879 acres
	Colorado River Indian Reservation	PPR No. 24	11/16/1874	Indian	40,241	or if less, irrigation for 6,037 acres
	Colorado River Indian Reservation	PPR No. 24	10/22/1873	Indian	10,745	or if less, irrigation for 1,612 acres
	Yuma Associates LTD and Winterhaven Water District (262.8 M&I)	PPR 29 & 4-07-30-W0053	1856	M&I/ Agriculture	780	
1st	Palo Verde Irrigation District - Valley Lands (1) ²	PVID20733C_P2	1933	Agriculture	≤104,500 acres	Unquantified
2nd	Yuma Project, Reservation Division ³ (includes Bard, Indian, Island ⁴)	Water Certificates ⁴	1905	Indian/ Agriculture	≤25,000 acres	
3rd	Palo Verde Irrigation District (3b) - Lower Palo Verde Mesa Lands	PVID20733C_P5	1933	Agriculture	≤16,000 acres	Unquantified
	Coachella Valley Water District (3a) ⁵	11r-781	1934	Agriculture		327,000
	Imperial Irrigation Districts (3a) ⁶	11r-747	1932	Agriculture		488,500
4th	Metropolitan Water District of Southern California (4)	11r-645	1930, 1931	M&I		550,000
5th - Unused	San Diego County Water Authority (5b) (transferred right to MET)					

Table E-2
State of California Colorado River Water Entitlement Holders and Priorities

Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
& Surplus	Metropolitan Water District of Southern California (5a) (Annexed 5b's Entitlement)	I1r-645	1930, 1931	M&I		662,000
6th - Unused & Surplus	Palo Verde Irrigation District (6b) – Mesa Lands	PVID20733C	1933	Agriculture		300,000
	Coachella Valley Water District (6a)	I1r-781	1934	Agriculture		
	Imperial Irrigation District (6a)	I1r-747	1932	Agriculture		
7th	All remaining water within California available for agricultural use					Unquantified
Surplus	Bureau of Land Management	8-07-30-W0374	1973	M&I		1,000
	City of Needles	5-07-30-W0091	1985	M&I	10,000	
	Coachella Valley Water District	7-07-30-W0150	1987	M&I/ Agriculture	100,000	
	Department of the Navy	6-07-30-W0351	1999	M&I	25	23
	Metropolitan Water District of Southern California	7-07-30-W0171	1987	M&I	180,000	

Note: All units are in afy (acre-feet per year).

M&I: Municipal and Industrial.

These priorities are based on the California Seven Party Agreement, modified to include the PPRs identified by the Consolidated Decree.

Forbearances and transfers are displayed in Appendix G, Attachment 6, Table G-42.

¹In a shortage, PPRs are delivered water in order of priority date regardless of state lines. It is assumed that each PPR holder would divert and consumptively use all of its entitlement by 2017.

²PVID's PPR protects 219,780 af of its Seven Party 1st priority diversion entitlement, which is consumptively estimated to be 93,601 af. Dependent upon call, PVID will follow a minimum of 25,000 af for the Metropolitan Water District of Southern California.

³A portion of this Seven Party Agreement entitlement is protected by two separate PPR entitlements, the Fort Yuma Indian Reservation (PPR 23) and the Yuma Project, Reservation Division (PPR 28).

⁴Incorporation of Yuma Island pumpers' use within this priority does not represent either a final approval of this use by Reclamation or a final determination of the appropriate Decree accounting for this use; and is not an admission by any Colorado River contractor as to the legality of this use or diversion of Colorado River water. No Water Certificates have been issued for use of water on Yuma Island in California.

⁵Coachella Valley Water District's quantified entitlement of 330,000 af is reduced by 3,000 af to permit the Secretary of the Interior to satisfy PPR use not covered by the Seven Party Agreement.

⁶IID's PPR protects 2,600,000 af of its Seven Party 3rd priority diversion entitlement. IID's 3rd priority quantified entitlement of 3,100,000 af is reduced by the estimated PPR consumptive use of 2,527,341 af and 11,500 af to permit the Secretary of the Interior to satisfy PPR use not covered by the Seven Party Agreement.

Priority	Entitlement Holder	Contract No.	Date	Use	Entitlement (afy)	
					Diversion	Consumptive Use
1st ¹	Lake Mead National Recreation Area	PPR 82/1979 Decree	1926	M&I	500	or if less, 300
	Fort Mohave Indian Reservation	PPR 81	1890	Indian	12,534	
2nd	Lake Mead National Recreation Area ²	1964 Decree	1930	M&I	unlimited	
3rd	Boulder City	14-06-300-978	1931	M&I	5,876	
4th	Basic Management, Inc.	14-06-300-2083	1969	M&I	8,608	
	City of Henderson	0-07-30-W0246	1967	M&I	15,878	
5th	Lakeview Company (Hacienda Casino)	14-06-300-1523	1965	M&I	0	
	Pacific Coast Building Products, Inc. (PABCO)	5-07-30-W0089	1965	M&I	928	
6th	Las Vegas Valley Water District	14-06-300-2130	1969	M&I	15,407	
7th	Boy Scouts of America (annexed by SNWA)	9-07-30-W0011	1978	M&I	10	
	Bureau of Reclamation (includes Sportsman Park)	Secretarial Res.	1998	M&I	300	
	Nevada Department of Wildlife (formerly Nevada Dept. of Game and Fish)	14-06-300-2405	1972	M&I		25
	U.S. Air Force (4,000 af) (Delivery from SNWA)				4,000	
8th	Big Bend Water District	2-07-30-W0269	1992	M&I	10,000	
	Robert B. Griffith Project	7-07-30-W0004	1992	M&I	304,000	
	Sub. to City of Boulder City (8,918 af)			M&I		
	Sub. to City Henderson (27,021 af)			M&I		
	Sub. to City of North Las Vegas (26635 af)			M&I		
8th - Balance & Surplus	Southern Nevada Water Authority (includes banking)	2-07-30-W0266	1992	M&I		balance + surplus

Note: All units are in afy (acre-feet per year).

M&I: Municipal and Industrial.

Subcontracts are displayed below the Entitlement Holder and indented five spaces.

¹In a shortage, PPRs are delivered water in order of priority date regardless of state lines.

²This unlimited entitlement is estimated based on 2004 use.

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