

**IN THE OFFICE OF THE STATE ENGINEER  
OF THE STATE OF NEVADA**

**ORDER**

**#1343**

**DESIGNATING THE LOWER WHITE RIVER FLOW SYSTEM WITHIN CLARK AND  
LINCOLN COUNTIES, NEVADA.**

**I. BACKGROUND AND AUTHORITY**

**WHEREAS**, the State Engineer is empowered to make such reasonable rules and regulations as may be necessary for the proper and orderly execution of the powers conferred by law.<sup>1</sup>

**WHEREAS**, Nevada Revised Statute (NRS) § 533.024(1)(c) “require[s] the State Engineer ‘to consider the best available science in rendering decisions concerning the availability of surface and underground sources of water’” in Nevada.<sup>2</sup>

**WHEREAS**, NRS 534.030(2)(b) provides that if a basin is found, after due investigation and a public hearing, to be in need of administration pursuant to the provisions of NRS Chapter 534 relating to designated areas, the State Engineer may enter an official order designating the area by basin, describing the boundaries by legal subdivision as nearly as possible, and then proceed with the administration of the basin in accordance with NRS Chapter 534.

**WHEREAS**, the State Engineer has, pursuant to prior designation orders, administered in accordance with NRS Chapter 534 the Coyote Spring Valley Hydrographic Basin (Coyote Spring Valley), Basin 210, since August 21, 1985; the Black Mountains Area Hydrographic Basin (Black Mountains Area), Basin 215, since November 22, 1989; the Garnet Valley Hydrographic Basin (Garnet Valley), Basin 216, since April 24, 1990; the Hidden Valley Hydrographic Basin (Hidden Valley), Basin 217, since April 24, 1990; the California Wash Hydrographic Basin (California Wash), Basin 218, since April 24, 1990; and the Muddy River Springs Area Hydrographic Basin (Muddy River Springs Area), Basin 219, since July 14, 1971.<sup>3</sup>

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<sup>1</sup> NRS 532.120(1).

<sup>2</sup> *Sullivan v. Lincoln Cty. Water Dist.*, 140 Nev. 28, 38, 542 P.3d 411, 421 (2024).

<sup>3</sup> *See*, Order 905, Hearing on Interim Order 1303, official records of the Division of Water Resources. *See*, NSE Ex. 8, Order 1018, Hearing on Interim Order 1303, official records of the Division of Water Resources. *See*, Order 1025, Hearing on Interim Order 1303, official records of the Division of Water Resources. *See*, Order 1024, Hearing on Interim Order 1303, official records of the Division of Water Resources. *See*, Order 1026, Hearing on Interim Order 1303,

**WHEREAS**, the State Engineer issued Order 1309 on June 15, 2020, thereby requiring joint management of the Lower White River Flow System (“LWRFS”) and ordering that: 1) the Lower White River Flow System consisting of the Kane Springs Valley, Coyote Spring Valley, Muddy River Springs Area, California Wash, Hidden Valley, Garnet Valley, and the northwest portion of the Black Mountains Area as described in that Order, was thereby delineated as a single hydrographic basin. The Kane Springs Valley, Coyote Spring Valley, Muddy River Springs Area, California Wash, Hidden Valley, Garnet Valley and the northwest portion of the Black Mountains Area were thereby established as sub-basins within the Lower White River Flow System Hydrographic Basin; 2) the maximum quantity of groundwater that may be pumped from the Lower White River Flow System Hydrographic Basin on an average annual basis without causing further declines in Warm Springs area spring flow and flow in the Muddy River cannot exceed 8,000 acre-feet annually (afa) and may be less; 3) the maximum quantity of water that may be pumped from the Lower White River Flow System Hydrographic Basin may be reduced if it is determined that pumping will adversely impact the endangered Moapa dace; 4) all applications for the movement of existing groundwater rights among sub-basins of the Lower White River Flow System Hydrographic Basin will be processed in accordance with NRS 533.370; 5) the temporary moratorium on the submission of final subdivision or other submissions concerning development and construction submitted to the State Engineer for review established under Interim Order 1303 was thereby terminated; and, 6) all other matters set forth in Interim Order 1303 that were not specifically addressed therein were thereby rescinded.

**WHEREAS**, the Nevada Supreme Court ultimately upheld the State Engineer’s authority to make these conclusions and held that the State Engineer provided adequate due process in doing so. *Sullivan v. Lincoln Cty. Water Dist.*, 140 Nev. 28, 542 P.3d 411 (2024).

**WHEREAS**, the Eighth Judicial District Court of the State of Nevada ultimately found that substantial evidence supported the key findings in Order 1309, including the State Engineer’s delineation of the boundaries of Lower White River Flow System and the 8,000 afa or less sustainable maximum for groundwater pumping. *Las Vegas Valley Water District, et al., v. Sullivan, et al.*, Case No. A-20-816761-C (consolidated with Case Nos. A-20-817765-P, A-20-818015-P, A-20-817977-P, A-20-818069-P, A-20-817840-P, A-20-817876-P, A-21-833572-J)

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official records of the Division of Water Resources. *See*, Order 1023, Hearing on Interim Order 1303, official records of the Division of Water Resources; Order 392, Hearing on Interim Order 1303, official records of the Division of Water Resources.

(Amended Findings of Fact, Conclusions of Law, and Order Affirming in Part and Reversing in Part State Engineer Order 1309, May 23, 2025).

**WHEREAS**, the Nevada Supreme Court held that the State Engineer “has statutory authority to combine multiple basins into one” based on a shared source of water. *Sullivan*, 140 Nev. at 45, 542 P.3d at 426.

**WHEREAS**, the Nevada Supreme Court held that “[i]f the best available science indicates that groundwater and surface water in the [Lower White River Flow System] are interrelated and that appropriations from one reduces flow of the other, then the State Engineer should manage these rights together based on a shared source of supply. Since the State Engineer must have the ability to conjunctively manage and jointly administer water across multiple basins in order to prevent the impairment of senior vested rights under NRS 533.085, we hold that he has implied statutory authority to do so.” *Sullivan*, 140 Nev. at 38, 542 P.3d at 421.

**WHEREAS**, the Nevada Supreme Court likewise recognized that, at the time the State Engineer issued Order 1309, the entirety of the Lower White River Flow System had not been previously designated for administration pursuant to NRS 534.030. *Sullivan*, 140 Nev. at 42 n.10, 542 P.3d at 424 n.10.

**WHEREAS**, the State Engineer has determined that the need for joint management of the Lower White River Flow System warrants the designation of the entire Lower White River Flow System Basin pursuant to NRS 534.030 so that all provisions of NRS Chapter 534 relating to designated areas can be used in future management decisions of the Basin.

## **II. DESIGNATING AND DESCRIBING**

**WHEREAS**, in Order 1309, the State Engineer estimated that the total duty of all permits and certificates issued in the Lower White River Flow System is more than 38,000 afa,<sup>4</sup> far exceeding the 8,000 afa or less sustainable pumping maximum.

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<sup>4</sup> Nevada Division of Water Resources’ Water Rights, Groundwater Basin Summaries, General Summary, “LWRFS,” last accessed October 29, 2025, official records in the Division of Water Resources, available on-line at: <https://tools.water.nv.gov/UndergroundActive.aspx>

**WHEREAS**, since 2016, pumping in the Lower White River Flow System has averaged 8,407 afa.<sup>5</sup> Since 2020, when the State Engineer issued Order 1309, pumping in the Lower White River Flow System has averaged 8,151 afa.<sup>6</sup> Under either calculation, average annual pumping in the Lower White River Flow System exceeds the 8,000 afa or less sustainable pumping maximum.

**WHEREAS**, pursuant to NRS 534.030, the State Engineer finds that conditions warrant the designation of the Lower White River Flow System, located within Clark and Lincoln Counties, Nevada, based on data and information available to the State Engineer, under the provisions of NRS Chapter 534.

**WHEREAS**, the State Engineer held a public hearing, as required under NRS 534.030(2), in the matter of the designation of the Lower White River Flow System Hydrographic Basin in Las Vegas, Nevada, on February 25, 2026, within Clark County, where the major portion of the Basin lies.

**WHEREAS**, testimony was presented at the 2026 hearing both in support of and in opposition to designation.

**WHEREAS**, the following parties provided testimony supporting designation of the Lower White River Flow System Hydrographic Basin: Western Elite Environmental, Inc.; Nevada Cogeneration Associates Nos. 1 and 2; U.S. Fish and Wildlife Service; Center for Biological Diversity; National Park Service; Southern Nevada Water Authority; Las Vegas Valley Water District; and Moapa Valley Water District.

**WHEREAS**, the following parties provided testimony opposing designation of the Lower White River Flow System Hydrographic Basin: Coyote Springs Investment, LLC; Lincoln County; Lincoln County Water District; and Vidler Water Company, Inc.

**WHEREAS**, Georgia-Pacific Gypsum LLC and Republic Environmental Technologies, Inc. provided testimony asserting that designation would be premature, but that it may be advantageous in certain administrative actions.

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<sup>5</sup> Nevada Division of Water Resources, "LWRFS" Groundwater Pumpage Inventory, for Calendar Years 2016-2024, available on-line at: <https://tools.water.nv.gov/PumpageInventoryFiles.aspx> ; 2025 pumpage data is provisional.

<sup>6</sup> *Id.* Average pumpage calculated between 2020 and 2023.

**WHEREAS**, Muddy Valley Irrigation Company provided testimony expressing support for the State Engineer's regulation of the headwaters of the Muddy River and indicated that such regulation should be informed by the record developed in Order 1309 and Order 1303.

**WHEREAS**, Vidler argued that Kane Springs Valley ("KSV") should be excluded from the Lower White River Flow system designation and submitted an updated hydrograph comparing water-level responses from two wells (KMW-1 in KSV and EH-4 in the Muddy River Springs Area), asserting that "divergent trends" between the two demonstrate limited hydraulic connectivity between KSV and the Lower White River Flow System. Vidler also relied on Nevada Bureau of Mines and Geology Report No. 61 (NBMG report) to argue that a boundary fault (the northern LWRFS boundary fault),<sup>7</sup> when considered alongside "criteria 6" from Order 1309, establishes a northeastern boundary that would exclude KSV.

**WHEREAS**, the Division reviewed and evaluated these arguments<sup>8</sup>, and the State Engineer concludes that the updated hydrograph does not show a hydrographic pattern different from the pattern observed in Order 1309 that would change the interpretation of a close connection. As found in Order 1309, "while attenuated, the general hydrographic pattern observed in southern Kane Springs Valley reflects a response to Order 1169 pumping, consistent with a close hydraulic connection with the LWRFS."<sup>9</sup> The longer-period hydrograph submitted by Vidler only reinforces that conclusion: although attenuated, the overall hydrographic response in KMW-1 matches the response in EH-4.

**WHEREAS**, with respect to the NBMG report, the State Engineer concludes that although a fault is likely present between KSV and Coyote Springs Valley ("CSV"), and although the report refers to the fault as a "boundary," it provides no convincing evidence establishing that the fault actually behaves as a barrier to groundwater flow. The report does not present hydraulic evidence or any other measurements establishing fault permeability properties or behavior. The NBMG

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<sup>7</sup> Carlson, N.R., Bushner, G.L., Hoerth, R., 2025, *Geophysical Investigation of Kane Springs Valley, Coyote Spring Valley, and Part of the Muddy River Springs Area, Part of the Lower White River Flow System, Using Both Controlled Source and Natural Source Audio-Frequency Magnetotellurics Survey*, Nevada Bureau of Mines and Geology Report 61, (NBMG Report).

<sup>8</sup> Memorandum, *Hydrology review of LWRFS designation hearing evidence submitted by Vidler Water Company*, (Technical Memorandum), dated June 29, 2026, official records in the Division of Water Resources.

<sup>9</sup> See Order 1309, pg. 52

report does present evidence that counters this argument establishing that the carbonate rock aquifer in KSV is of high permeability and fault structures in KSV “are preferential groundwater flow paths through Kane Springs Valley.”<sup>10</sup> As a result, the term “boundary,” as used in the report, is unsupported and does not support the exclusion of KSV from the Lower White River Flow System.

**WHEREAS**, regarding Vidler’s reliance on criteria 6 from Order 1309, the State Engineer finds that the NBMG report provides no basis for how the permeability of the low-permeability bedrock was determined, nor does it attempt to establish permeability properties for the “low-permeability bedrock.” Further, Order 1309 provides that criteria 6 should be used “[w]hen hydrogeologic information indicate a close hydraulic connection (based on criteria 1-5), but limited, poor quality, or low resolution water level data obfuscate a determination of the extent of that connection.”<sup>11</sup> Because a close hydraulic connection between KSV and CSV is established under criteria 2 (water level hydrographs demonstrating, in well-to-well comparisons, a similar temporal pattern) and criteria 3 (water level hydrographs demonstrating a response to pumping), and the water level information that is the foundation of this basis is not limited, of poor quality, or of low resolution; criteria 6 does not apply and provides no basis for excluding KSV from the Lower White River Flow System.

**WHEREAS**, pursuant to NRS 534.030, the State Engineer has considered all evidence and testimony presented in support of and in opposition to designation of the Lower White River Flow System Hydrographic Basin, and after due investigation—including review of the submissions and testimony provided during and after the 2026 hearing—and in view of the long administrative record associated with State Engineer’s Order Nos. 392, 905, 1018, 1023, 1024, 1025, 1026, 1169, 1169a, 1303 and 1309, which are hereby incorporated by reference in their entirety, the State

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<sup>10</sup> NBMG Report, pg. 21. Specifically, a 7-day pump test for the KPW-1 well (located very near KMW-1) demonstrated high permeability of the aquifer material and no reflection boundary. If this pump test had provided supporting evidence of the Northern LWRFS Boundary Fault acting as a flow barrier, it would be expected to appear as supporting evidence. Instead, the only mention of this pump test in the NBMG report was to explain the high transmissivity (~12,000 ft<sup>2</sup>/day – 40,000 ft<sup>2</sup>/day) of the carbonate rock unit and to explain that the fault structures in KSV “are preferential groundwater flow paths through Kane Springs Valley.” This interpretation is inconsistent with the presence of faults acting as low permeability boundaries

<sup>11</sup> See Order 1309, pg. 48

Engineer finds that administration of the Lower White River Flow System Hydrographic Basin is justified and that the Basin is in need of administration.

**NOW THEREFORE, IT IS HEREBY ORDERED**, pursuant to NRS 534.030, that the following described areas of land are designated as in need of administration:

**T.6S., R.65E., Mount Diablo Base and Meridian (M.D.B.&M)**

All of Sections 23, 26, 34, 35 and 36 and those portions of Sections 13, 14, 15, 22, 24, 25, 27, 28 and 33 within the Lower White River Flow System.

**T.6S., R.66E., M.D.B.&M.**

Those Portions of Sections 30 and 31 within the Lower White River Flow System.

**T.7S., R.64E., M.D.B.&M.**

Those portions of Sections 24, 25 and 36 within the Lower White River Flow System.

**T.7S., R.65E., M.D.B.&M.**

All of Sections 1, 2, 3, 10, 11, 12, 13, 14, 15, 16, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36 and those portions of Sections 4, 8, 9, 17, 18 and 19 within the Lower White River Flow System.

**T.7S., R.66E., M.D.B.&M.**

All of Sections 7, 8, 16, 17, 18, 19, 20, 21, 27, 28, 29, 30, 31, 32, 33, 34 and 35 and those portions of Sections 4, 5, 6, 9, 10, 15, 22, 23, 25, 26 and 36 within the Lower White River Flow System.

**T.8S., R.62E., M.D.B.&M.**

Those portions of Sections 35 and 36 within the Lower White River Flow System.

**T.8S., R.63E., M.D.B.&M.**

All of Sections 24, 25, 26, 34, 35, 36 and those portions of Sections 11, 12, 13, 14, 22, 23, 27, 28 and 33 within the Lower White River Flow System.

**T.8S., R.64E., M.D.B.&M.**

All of Sections 13, 19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36 and those portions of Sections 1, 7, 11, 12, 14, 15, 16, 17, 18, 21 and 22 within the Lower White River Flow System.

**T.8S., R.65E., M.D.B.&M.**

All Sections.

**T.8S., R.66E., M.D.B.&M.**

All of Sections 3, 4, 5, 6, 7, 8, 9, 17, 18, 19, 20 and 30 and those portions of Sections 1, 2, 10, 11, 15, 16, 21, 28, 29, 31 and 32 within the Lower White River Flow System.

**T.9S., R.61E., M.D.B.&M.**

All of Sections 35 and 36 and those portions of Sections 24, 25, 26, 27, 34 within the Lower White River Flow System.

**T.9S., R.62E., M.D.B.&M.**

All of Sections 11, 12, 13, 14, 15, 21, 22, 23, 24, 25, 26, 27, 28, 31, 32, 33, 34, 35 and 36 and those portions of Sections 1, 2, 3, 9, 10, 16, 17, 19, 20, 29 and 30 within the Lower White River Flow System.

**T.9S., R.63E., M.D.B.&M.**

All of Sections 1, 2, 3, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36 and those portions of Sections 4, 5, 6 and 9 within the Lower White River Flow System.

**T.9S., R.64E., M.D.B.&M.**

All Sections.

**T.9S., R.65E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 28, 29, 30, 31, 32 and 33 and those portions of Sections 13, 23, 24, 26, 27 and 34 within the Lower White River Flow System.

**T.9S., R.66E., M.D.B.&M.**

All of Sections 6 and those portions of Sections 5, 7, 8 and 18 within the Lower White River Flow System.

**T.10S., R.61E., M.D.B.&M.**

All of Sections 1, 2, 11, 12, 13, 14, 23, 24, 25, 26, 35 and 36 and those portions of Sections 3, 10, 15, 22, 27 and 34 within the Lower White River Flow System.

**T.10S., R.62E., M.D.B.&M.**

All Sections.

**T.10S., R.63E., M.D.B.&M.**

All Sections.

**T.10S., R.64E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33 and 34 and those portions of Sections 25, 26 and 35 within the Lower White River Flow System.

**T.10S., R.65E., M.D.B.&M.**

All of Sections 5, 6, 7 and 18 and those portions of Sections 3, 4, 8, 9, 17, 19, 20 and 30 within the Lower White River Flow System.

**T.11S., R.61E., M.D.B.&M.**

All of Sections 1, 2, 11, 12, 13, 14, 24, 25 and 36 and those portions of Sections 3, 10, 15, 22, 23, 26, 27 and 35 within the Lower White River Flow System.

**T.11S., R.62E., M.D.B.&M.**

All Sections.

**T.11S., R.63E., M.D.B.&M.**

All Sections.

**T.11S., R.64E., M.D.B.&M.**

All of Sections 4, 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32 and 33 and those portions of Sections 2, 3, 10, 15, 22, 27 and 34 within the Lower White River Flow System.

**T.12S., R.61E., M.D.B.&M.**

All of Sections 1, 12, 13, 25 and 36 and those portions of Sections 2, 11, 14, 23, 24, 26 and 35 within the Lower White River Flow System.

**T.12S., R.62E., M.D.B.&M.**

All Sections.

**T.12S., R.63E., M.D.B.&M.**

All Sections.

**T.12S., R.64E., M.D.B.&M.**

All of Sections 4, 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, 33 and 34 and those portions of Sections 2, 3, 10, 15, 22, 26, 27 and 35 within the Lower White River Flow System.

**T.12.5S., R.61E., M.D.B.&M.**

Those portions of Sections 35 and 36 within the Lower White River Flow System.

**T.12.5S., R.62E., M.D.B.&M.**

All Sections

**T.13S., R.61E., M.D.B.&M.**

All of Sections 12, 13, 24, 25, 35 and 36 and those portions of Sections 1, 2, 11, 14, 23, 26, 27 and 34 within the Lower White River Flow System.

**T.13S., R.62E., M.D.B.&M.**

All Sections.

**T.13S., R.63E., M.D.B.&M.**

All Sections.

**T.13S., R.64E., M.D.B.&M.**

All of Sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36 and those portions of Sections 1, 2, 12 within the Lower White River Flow System.

**T.13S., R.65E., M.D.B.&M.**

All of Sections 17, 18, 19, 20, 21, 27, 28, 29, 30, 31, 32, 33 and 34 and those portions of Sections 6, 7, 8, 9, 15, 16, 22, 23, 26, 35, 36 within the Lower White River Flow System.

**T.13.5S., R.63E., M.D.B.&M.**

All Sections.

**T.13.5S., R.64E., M.D.B.&M.**

All Sections.

**T.14S., R.61E., M.D.B.&M.**

All of Sections 1, 2, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 27, 28, 29, 33, 34, 35 and 36 and those portions of Sections 3, 9, 10, 16, 19, 20, 21, 30, 31 and 32 within the Lower White River Flow System.

**T.14S., R.62E., M.D.B.&M.**

All Sections.

**T.14S., R.63E., M.D.B.&M.**

All Sections.

**T.14S., R.64E., M.D.B.&M.**

All Sections.

**T.14S., R.65E., M.D.B.&M.**

All of Sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36 and those portions of Sections 1, 2, 12, 13 and 24 within the Lower White River Flow System.

**T.14S., R.66E., M.D.B.&M.**

All of Sections 30, 31 and 32 and those portions of Sections 19, 20, 28, 29, 33 and 34 within the Lower White River Flow System.

**T.15S., R.61E., M.D.B.&M.**

All of Sections 1, 2, 3, 10, 11, 12 and 13 and those portions of Sections 4, 5, 9, 14, 15, 16, 23 and 24 within the Lower White River Flow System.

**T.15S., R.62E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35 and 36 and those portions of Sections 19, 20, 29, 30, 32 within the Lower White River Flow System.

**T.15S., R.63E., M.D.B.&M.**

All Sections.

**T.15S., R.64E., M.D.B.&M.**

All Sections.

**T.15S., R.65E., M.D.B.&M.**

All Sections.

**T.15S., R.66E., M.D.B.&M.**

All of Sections 4, 5, 6, 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 22, 28, 29, 30, 31 and 32 and those portions of Sections 2, 3, 11, 14, 23, 26, 27, 33, 34 within the Lower White River Flow System.

**T.16S., R.61E., M.D.B.&M.**

Those portions of Sections 25 and 36 within the Lower White River Flow System.

**T.16S., R.62E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35 and 36 and those portions of Sections 5, 7, 8, 18, 19 and 30 within the Lower White River Flow System.

**T.16S., R.63E., M.D.B.&M.**

All Sections.

**T.16S., R.64E., M.D.B.&M.**

All Sections.

**T.16S., R.65E., M.D.B.&M.**

All Sections.

**T.16S., R.66E., M.D.B.&M.**

All of Sections 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 29, 30, 31 and 32 and those portions of Sections 3, 4, 10, 11, 14, 15, 22, 23, 27, 28 and 33 within the Lower White River Flow System.

**T.17S., R.61E., M.D.B.&M.**

Those portions of Sections 24 and 25 within the Lower White River Flow System.

**T.17S., R.62E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 34, 35 and 36 and those portions of Sections 6, 7, 18, 19, 29, 30, 32 and 33 within the Lower White River Flow System.

**T.17S., R.63E., M.D.B.&M.**

All Sections.

**T.17S., R.64E., M.D.B.&M.**

All Sections.

**T.17S., R.65E., M.D.B.&M.**

All Sections.

**T.17S., R.66E., M.D.B.&M.**

All of Sections 7, 8, 17, 18, 19, 20, 21, 27, 28, 29, 30, 31, 32, 33 and 34 and those portions of Sections 9, 10, 15, 16, 22, 23, 26 and 35 within the Lower White River Flow System.

**T.18S., R.62E., M.D.B.&M.**

All of Sections 1, 2, 3, 10, 11, 12, 13, 14, 15 and 24 and those portions of Sections 4, 5, 8, 9, 16, 21, 22, 23, 25, 26 and 36 within the Lower White River Flow System.

**T.18S., R.63E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 34, 35 and 36 and those portions of Sections 31, 32 and 33 within the Lower White River Flow System.

**T.18S., R.64E., M.D.B.&M.**

All Sections.

**T.18S., R.65E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 27, 28, 29, 30, 31, 32, 33, and 34 and those portions of Sections 24, 25, 26 and 35 within the Lower White River Flow System.

**T.18S., R.66E., M.D.B.&M.**

All of Sections 3, 4, 5 and 6 and those portions of Sections 2, 7, 8, 9, 10, 11, 18 and 19 within the Lower White River Flow System.

**T.19S., R.63E., M.D.B.&M.**

All of Sections 1, 12, 13, 24, 25, 26, 35 and 36 and those portions of Sections 2, 3, 4, 11, 14, 22, 23, 27, 33 and 34 within the Lower White River Flow System.

**T.19S., R.64E., M.D.B.&M.**

All of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 20, 21, 29, 30 and 31 and those portions of Sections 13, 14 and 23 within the Lower White River Flow System.

**T.19S., R.65E., M.D.B.&M.**

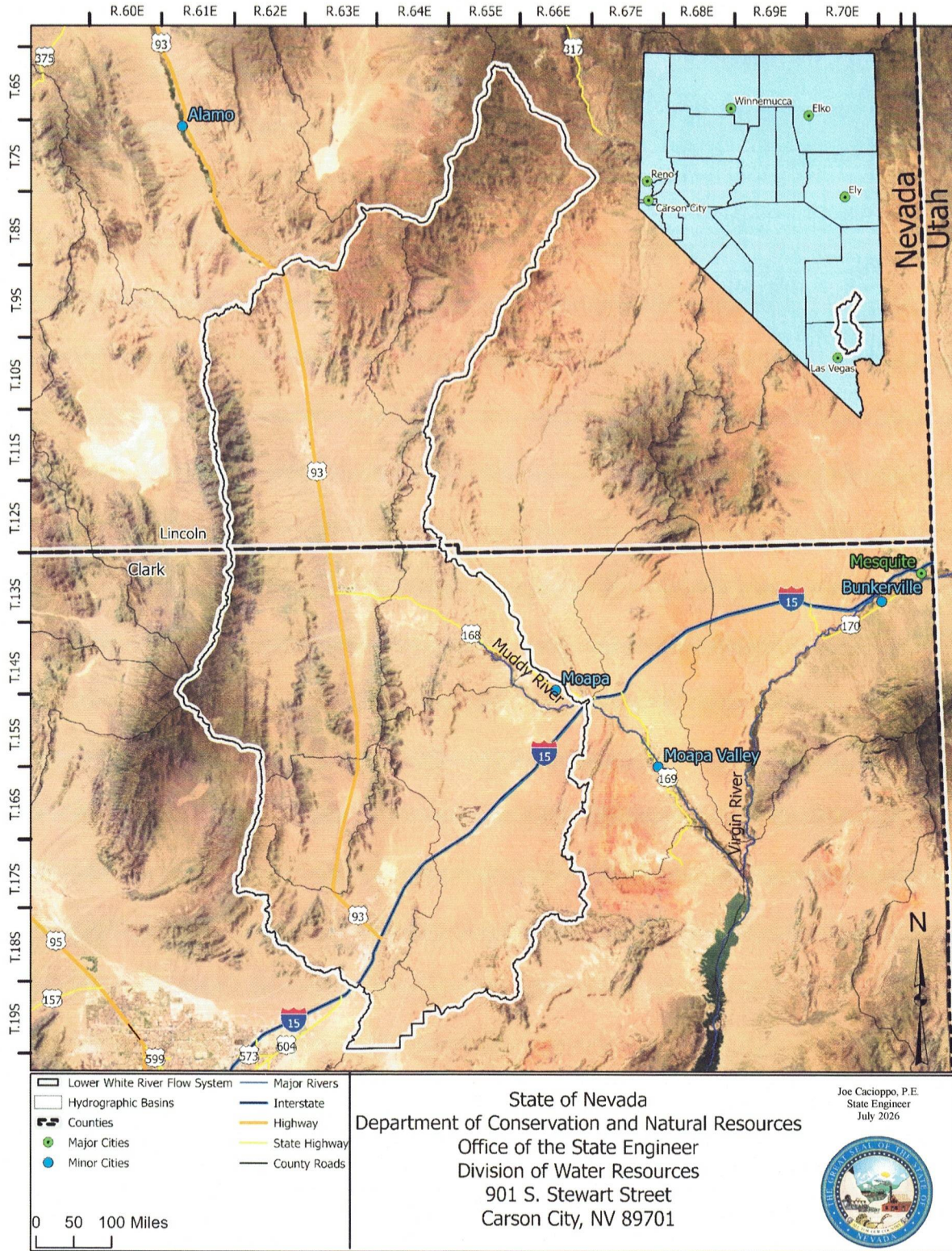
All of Sections 3, 4, 5 and 6 and those portions of Sections 2, 7, 8, 9, 10, 11, 12, 14, 15 and 18 within the Lower White River Flow System.



JOE CACIOPPO, P.E.  
State Engineer

Dated at Carson City, Nevada this

1 day of July, 2020



Lower White River Flow System	Major Rivers
Hydrographic Basins	Interstate
Counties	Highway
Major Cities	State Highway
Minor Cities	County Roads

0 50 100 Miles

State of Nevada  
 Department of Conservation and Natural Resources  
 Office of the State Engineer  
 Division of Water Resources  
 901 S. Stewart Street  
 Carson City, NV 89701

Joe Cacioppo, P.E.  
 State Engineer  
 July 2026