



WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO.1

October 2nd, 2025

Earl Lewis, Chief Engineer
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502

Mr. Lewis,

On behalf of the Western Kansas Groundwater Management District No. 1 Board of Directors, I am pleased to formally submit a request for the Wichita County LEMA Renewal. On August 20th, 2025, the Board of Directors voted unanimously to finalize and submit the proposed Wichita County LEMA Renewal package.

Please let us know if any additional information is needed, or if we can help in any way.

Regards,

Katie Durham
Manager
Western Kansas Groundwater Management District #1

**Request for Renewal of the Wichita County LEMA
Submitted to the Chief Engineer,
Kansas Department of Agriculture, Division of Water Resources**

Final for Submittal – October 2nd 2025

Executive Summary

The Wichita County LEMA (WC LEMA) Plan was originally developed and submitted by the Western Kansas Groundwater Management District No. 1 (GMD1) to the Chief Engineer on March 26, 2020. After the appropriate consideration by the Chief Engineer, the Plan was approved and implemented for years 2021-2025 via the Chief Engineer's Order of Designation dated February 2nd, 2021. GMD1 testimony at Initial Hearing on August 14, 2020, and the Second Hearing on November 20, 2020, supported its original LEMA proposal as well as this current request for Renewal (*see the References section*).

The WC LEMA has seen remarkable success in its efforts to stabilize water levels across the County. The Plan's implementation is built upon strong existing stakeholder involvement and action, as exemplified by the creation and on-going action of the Wichita County Water Conservation Area (*WCA*) in 2017, now in its second seven-year period.

A review of water use for the first 4 years (*2021-2024*) of the WC LEMA period indicates that not only has the WC LEMA average pumping been significantly less than required by the Plan but, more significantly, pumping has been less than the Kansas Geological Survey's (*KGS*) most recent estimate of Q-stable for the LEMA area. Q-stable is used to determine a numerical value indicating that aquifer inflows and local pumping of the aquifer have begun to stabilize.

After review of the WC LEMA Plan and its performance thus far in this initial period (*2021-2024*), and based on significant input from Stakeholders through outreach meeting opportunities, surveys and numerous Board Meeting discussions, the GMD1 Board of Directors now submits this Request for the Renewal of the WC LEMA for the years 2026-2030 under essentially the same terms, but as amended as follows:

- Including a revised goal statement limiting non-vested, irrigation withdrawals for the period 2026-2030 to the original goal with the following adjustments:
 - removing vested water rights from the LEMA Plan including allocations assigned to them,
 - limiting estimated carryover of unused allocations from the Original LEMA Period for individual points of diversion (*or groups*) to no more than 2-years of the average annual Base WC LEMA Allocation,
 - adjusting for appeals granted during the Original LEMA Period, and
 - removing allocations for individual points of diversion (*or groups*) with no use between the years 2021-2024 and no carryover into the second LEMA period (2026-2030) but allowing for appeals at any time during the LEMA period to reinstate allocations and appropriate carryover under specific circumstances.
- Removing the option for voluntary enrollment of vested rights (*as none have enrolled in the first year of the Original LEMA Period*).
- Providing that while the producers of Wichita County have achieved Q-Stable and are committed to long-term sustainability, the Board will work closely with the Kansas

Geological Survey to continuously monitor water use, versus the goal of maintaining use consistent with Q-Stable values and will make appropriate determinations as to when and if additional adjustments to this Plan are needed to protect a long-term trend of sustainability.

- Limited carryover for unused allocations for individual points of diversion (*or groups*) no more than 2-years Base WC LEMA Allocation from the Original LEMA Period based on 2021-2024 water use.
- Removing allocations and carryover for those making no use of their allocation from 2021-2024 but providing an appeal process should they wish to reinstate their use.
- Allowing for the creation of new Combined Well Units at any time during the WC LEMA Period (2026-2030). Each Combined Well Unit application will be reviewed by GMD1 Staff and/or the Board of Directors prior to approval for consistency with the water saving goals of the WC LEMA.
- Providing for limited additional appeals of allocations under the procedures described below, which may include a strong encouragement for a System Evaluation to be performed by a licensed irrigation engineer for enhanced efficiency.
- Enhancing public outreach and annual reviews for the next LEMA period, focused on how recent average pumping compares with KGS' estimate of Q-stable for the LEMA area.
- The flexibilities provided in K.S.A. 82a-1041 or a MYFA may be applied to the Renewal LEMA period, however, would have to be established on a case-by-case basis through an application process for review and approval by GMD1 Staff and/or Board.

Addressing various requirements for LEMA plans in DWR regulations include the following:

- A description of how the LEMA boundary was determined can be found in **Section 3** of GMD1's testimony to the First LEMA hearing held on August 14, 2020.
- A description of how the LEMA Appeal Process is reasonably tailored to consider voluntary conservation measures is addressed in **Section 4** of GMD1's testimony at the Second Hearing of November 20, 2020.
- **Attachment A** to this document provides a listing of WC LEMA Water Rights, points of diversions, groupings, and Base Allocations for the period 2026-2030.
- **Attachment D** to this document provides documentation indicating the proposed corrective controls will meet the LEMA's stated goal for the period 2026-2030.
- **Attachment E** to this provides a memorandum summarizing public outreach conducted by GMD1 and resulting changes made based on public input for this Renewal LEMA Plan. See also the summary of public outreach done for the original LEMA Plan in **Section 2a** and **Exhibit 7** of GMD1's testimony to the First LEMA hearing held on August 14, 2020.

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I. Definitions

- a. “Annual Authorized Quantity or AAQ” - The maximum amount of annual water use assigned to a Water Right by DWR when the Water Right was approved or certified, and as modified by any subsequently approved changes, terms or conditions.
- b. “Appropriation Water Rights” - Pursuant to K.S.A. 82a -701(f), Water Rights that do not meet the conditions to be a Vested Water Right.
- c. “Base WC LEMA Allocation, Allocation or WC LEMA Allocation” - The quantity of water in acre-feet allowed for each irrigation Appropriation Water Right, assigned by point of diversion, that may be diverted during the LEMA Period pursuant to the Plan’s methods described in Section IV.a, adjusted for Appeals granted, not including any allowed Carryover Allocation.
- d. “Board” - The GMD1 Board of Directors.
- e. “Carryover Allocation” – Unused allocation from the Original LEMA Period determined pursuant to Sections III(g) and IV (a) of the Plan.
- f. “Chief Engineer” - The Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture.
- g. “Comparison Years” - The years, 2009 through 2015, used to determine Historical Usage of a point of diversion.
- h. “Conservation Factor” - A 25% reduction applied to the Historical Usage for the calculation of a WC LEMA Allocation.

- i. “Combined Well Unit or CWU” - Multiple wells diverting water from the same source of supply and physically tied together for the distribution of water prior to the starting date of the WC LEMA.
- j. “Domestic Water Rights”- Shall mean the same as KSA82a-701 (c).
- k. “DWR” - Division of Water Resources, Kansas Department of Agriculture.
- l. “GMD1” - Western Kansas Groundwater Management District No. 1.
- m. “Historical Usage” - The average quantity of authorized water in acre-feet used by a point of diversion during the Comparison Years, excluding years of zero use from the seven-year average, used for the calculation of the WC LEMA Allocation.
- n. “K.A.R.” - Kansas Administrative Regulations.
- o. “KGS” - Kansas Geological Survey.
- p. “K.S.A.” - Kansas Statutes Annotated.
- q. “LEMA” - Local Enhanced Management Area.
- r. “LEMA Period” - A five-year period that shall run from January 1, 2021, through December 31, 2025. Also herein in “Original LEMA Period.”
- s. “LEMA Renewal Period” – A five-year period that shall run from January 1, 2026, through December 31, 2030.
- t. “LEMA Plan” - A written plan required pursuant to K.S.A. 82a-1041 which serves as the basis of the order establishing this LEMA to promote the conservation of water and water use efficiency.
- u. “MYFA or Multi-Year Flex Account” - A type of Term Permit as defined in K.S.A. 82a-736.
- v. “Q-stable Pumping Value” – an annual determination by KGS of the average annual allowable pumping within the LEMA boundary to maintain stable water levels for the next decade or two.
- w. “Regulated Q-stable Pumping Value” – the Q-stable Pumping Value less average pumping by vested rights and non-irrigation use for the preceding 5 years.
- x. “Renewal Period WC LEMA Allocation” - The quantity of water in acre-feet allowed for each irrigation Appropriation Water Right assigned by point of diversion that may be diverted during the LEMA R e n e w a l Period including both the Base WC LEMA allocation and any Carryover Allocation determined pursuant to Sections III(g) and IV (a).
- y. “Stakeholder” - Any Water Right owner within the WC LEMA boundaries.
- z. “Term Permit” - A DWR permit to appropriate water that is issued for a specified period

of time and is automatically dismissed at the end of the period.

- aa. “Vested Water Right” - Pursuant to K.S.A. 82a -701(d), a Water Right which was put to beneficial use prior to June 28, 1945.
- bb. “Water Rights”- means the same as defined in K.S.A. 82a-701(g).
- cc. “WUC” - Water Use Correspondent.
- dd. “WCA” - Water Conservation Area.
- ee. “WC LEMA” - Wichita County Local Enhanced Management Area.
- ff. “WC LEMA Order of Designation” - The Order of Designation issued by the Chief Engineer pursuant to K.S.A. 82a-1041.

II. LEMA Plan Goals

To meet the goal of extending the Ogallala Aquifer supplies for the long-term benefit of the area included in the proposed WC LEMA, a public process was utilized. Specifically, the Board worked with Stakeholders during board meetings and other public meetings to develop a LEMA Plan based on the desires of the public.

The WC LEMA shall continue to exist for a five-year period beginning on January 1, 2026, and ending on December 31, 2030. To address past excessive water level declines and withdrawal rates exceeding recharge rates within the proposed WC LEMA boundaries and to maintain recent trends toward stable water levels, the goal of the LEMA Plan shall be to limit non-vested irrigation withdrawals to 252,425 acre-feet during the LEMA Renewal Period via the corrective controls herein. See **Attachment A** for a listing of WC LEMA Water Rights, points of diversions, groupings, and Base WC LEMA Allocations for the period 2026-2030 and **Attachment D** for documentation indicating the proposed corrective controls will meet the LEMA’s stated goal.

III. Proposal

The WC LEMA shall include all non-vested irrigation Appropriation Water Rights whose source is the Ogallala Aquifer within the WC LEMA boundaries. Pursuant to K.S.A. 82a-703 Vested Water Rights within the WC LEMA boundaries shall not be regulated.

- a. Base WC LEMA allocations were established for each Water Right through an impartial process without deference to Water Right priority; however, Water Right priority is a consideration, if an impairment complaint is filed with the Chief Engineer.
- b. Non-irrigation uses will not be assigned a WC LEMA Base allocation due to their total combined water usage amounting to a minimal percentage of the total water use within the proposed WC LEMA boundaries. However, efficiency recommendations are provided for utilization in their management practices.
- c. The WC LEMA shall include the following

townships: Wichita County

Township 16S, Range 35W, Sections 1 through 36

Township 16S, Range 36W, Sections 1 through 36

Township 16S, Range 37W, Sections 1 through 36
Township 16S, Range 38W, Sections 1 through 36
Township 17S, Range 35W, Sections 1 through 36
Township 17S, Range 36W, Sections 1 through 36
Township 17S, Range 37W, Sections 1 through 36
Township 17S, Range 38W, Sections 1 through 36
Township 18S, Range 35W, Sections 1 through 36
Township 18S, Range 36W, Sections 1 through 36
Township 18S, Range 37W, Sections 1 through 36
Township 18S, Range 38W, Sections 1 through 36
Township 19S, Range 35W, Sections 1 through 36
Township 19S, Range 36W, Sections 1 through 36
Township 19S, Range 37W, Sections 1 through 36
Township 19S, Range 38W, Sections 1 through 36

This represents a LEMA boundary that is both clearly identifiable and entirely within the boundaries of GMD1, fulfilling the requirements of K.S.A. 82a-1041(a) (1), (2).

- d. All WC LEMA Allocation quantities shall be expressed in terms of total acre-feet for the LEMA Renewal Period, and such quantities will be provided to each Water Right owner.

While the allocations for the Wichita County LEMA renewal are not currently allocated to Q-stable, as described in this document the producers of Wichita County have achieved Q-Stable and are committed to long term sustainability as a community and a County. The Board will work closely with the Kansas Geological Survey to continuously monitor this goal and will make appropriate determinations as to when and if additional adjustments to this Plan are needed to protect a long-term trend of sustainability, taking into consideration climate, the economy and other factors.

- e. In no event shall the Renewal Period WC LEMA Allocation exceed five times the authorized quantity for the LEMA Period.
- f. Base WC LEMA Allocations are shown in **Attachment A**, which represents the new allocations for the 5-year period, 2026-2030. When the final pumping values for the last year of the Original LEMA Period are available, DWR, in cooperation with GMD1, shall determine: a) the allowable carry-over from the Original LEMA Period to the LEMA Renewal Period, not to exceed to two years of average annual unused allocations and b) the resulting Renewal Period LEMA allocations for the Renewal period, not to exceed that allowed in **Paragraph (f)**.
- g. WC LEMA Allocations for Water Rights subject to a DWR penalty order effecting permitted withdrawals from 2009 through the LEMA Renewal Period will be adjusted accordingly by DWR, and such order may not be appealed within the WC LEMA appeal process.
- h. Applications to change a Water Right filed with DWR will be processed under existing laws, rules, and regulations; and should be reviewed for consistency with the goals of the WC LEMA during the LEMA Period.
- i. Water Rights will not be permanently altered by the WC LEMA Order of Designation but will be subject to the terms and conditions of the WC LEMA Order of Designation

for the duration of the LEMA Renewal Period.

- j. Water Rights currently in their perfection period shall not be restricted by the LEMA Plan while in their perfection period.
- k. New Water Right applications will be considered by the Board on a case-by-case basis.

IV. WC LEMA Allocations

Base WC LEMA Allocations for the Original LEMA Period were assigned to each point of diversion and applied to all irrigation Appropriation Water Rights, subject to **Section III**. Base WC LEMA allocations for the Renewal Period, provided in **Attachment A**, are the same as determined in the Original Plan, except that vested rights are not included, no allocations are provided to those who made no use of their allocations from 2021-2024, and as adjusted by Appeals during the Original LEMA period. Base WC LEMA Allocations for each Water Right will be included in an official Order of Designation issued by the Chief Engineer. Upon approval of the WC LEMA, WC LEMA allocations are subject to review pursuant to **Section IV (a) (5)** and **Section IX**. WC LEMA Allocations will be established based on the following:

a. Irrigation Water Rights

1. The Historical Usage shall be reduced by the Conservation Factor. The result shall be multiplied by five (5) to establish the total WC LEMA Allocation for each point of diversion during the LEMA Period as follows:
 - A. If the Historical Usage is 20% or less of the AAQ for a point of diversion, the WC LEMA Allocation shall be:
$$\text{Historical Usage} \times 5$$
 - B. If the Historical Usage is more than 20% of the AAQ for a point of diversion, the WC LEMA Allocation shall be the greater of:
 - (i) $\text{AAQ} \times 20\% \times 5$, or
 - (ii) $\text{Historical Usage} \times 75\% \times 5$
2. If an Appropriation Water Right is authorized for the same point of diversion as a Vested Water Right, a WC LEMA Allocation shall be established for the portion, if any, of the Historical Usage authorized by the Appropriation Water Right, as follows:
 - A. If the Annual Authorized Quantity for the overlapped Vested Water Right is greater than the Historical Usage, then no WC LEMA Allocation will be established for that point of diversion, and the Vested Water Right will be unaffected by the WC LEMA.
 - B. If the Historical Usage from the point of diversion is greater than the Annual Authorized Quantity of an overlapped Vested Water Right, the WC LEMA Allocation will be established by subtracting the Vested Water Right's Annual Authorized Quantity from the Historic Usage, multiplying the remaining quantity, which is authorized by the overlapping Appropriation Water Right, by 75% then multiplying that

product by five as described in Section IV (a) (1).

3. Each point of diversion within the WC LEMA boundaries will be assigned to a WC LEMA Allocation pursuant to **Section IV(a) (1)** and are subject to review pursuant to **Section IV (a) (5), (6)**.
 4. If a point of diversion is authorized by more than one Water Right, it will be subject to any DWR limitations for the point of diversion.
 5. Due consideration will be given for past conservation. Conservation resulting from compliance with the past WC LEMA allocations will not be considered. Any due consideration for past conservation would be determined by the Board of Directors on a case-by-case basis. If Water Rights are enrolled or have been enrolled in conservation programs, have implemented past conservation measures affecting their Historical Usage record, establishment of the WC LEMA Allocation will follow the guidelines set forth in **Section XIV**.
 6. For Water Rights operating under the authority of a Term Permit, including a MYFA, or enrolled in a K.A.R. 5-5-11 change, WCA, or other flexible water plan, the most water restrictive plan shall apply. Water Rights within the WC LEMA boundaries that are withdrawn from an existing WCA during the LEMA Period shall be subject to the WC LEMA and provided a WC LEMA Allocation based on the years remaining in the Renewal LEMA Period.
 7. As provided in **Section IX. A.** below, in addition to the Base WC LEMA Allocations provided above, the carryover of up to two years of unused allocations from the Original LEMA Period will be allowed to create the Renewal Period WC LEMA Allocation for each point of diversion or group.
- b. Vested Water Rights (See **Attachment B**).
1. Pursuant to K.S.A. 82a-703, Vested Water Rights shall not be subjected to the LEMA Plan.
- c. Non-Irrigation Uses - The water use reports of all non-irrigation Water Rights will be reviewed annually by the Board. Although not requiring the following actions, the board will consider compliance with the following actions as “past conservation efforts” in future renewals. Additionally, each type of use is strongly encouraged to implement the following recommendations:
1. Stock Water Rights
 - A. Increase efficiency by implementing scheduled infrastructure inspections, repairing leaks in a timely manner, upgrading old equipment, and applying water reclamation technology.
 - B. Use less than the recommended maximum water authorized by K.A.R. 5-3-22.
 2. Municipal Water Rights

- A. Reduce the gallons per capita per day.
 - B. Implement scheduled infrastructure inspections, conduct system repairs in a timely manner, implement systems to account for all water usage.
 - C. Consider implementing water reuse technology for precipitation runoff and effluent.
 - D. Require all new and remodel construction projects to use water efficient plumbing fixtures and recommend that all consumers meet the new standard by updating their existing fixtures.
 - E. Request all consumers, especially administrators of large capacity facilities and outdoor sport and recreation areas, maintain infrastructures and repair leaks in a timely manner.
 - F. Request all consumers use less water intensive plants and lawns, water in the early morning and late evening, and be aware of the amount of water applied per year.
3. Industrial and Recreational Water Rights are asked to voluntarily conserve water whenever possible for the betterment of their water community.

4. Domestic Water Rights

- A. Reduce their gallons per capita per day.
- B. Install water efficient plumbing fixtures in new and remodel construction and update their existing fixtures.
- C. Identify and repair leaks.
- D. Use less water intensive plants and lawns and water in the early morning or late evening.

V. Flexibility to exceed annual authorized quantities (See Attachment B)

Pursuant K.S.A. 82a-1041, water users will be allowed to apply for the flexibility to exceed their annual authorized quantity on any water right without applying for a MYFA, on application to the GMD1 Board using **Attachment B**, subject to not exceeding LEMA allocations and the review and approval, on a case-by-case basis, via review and approval by GMD1 Staff and/or Board.

VI. Combined Well Unit (See Attachment C)

Wells within a Combined Well Unit will be allowed to share the combined quantity of their individual WC LEMA Allocations. New enrollments in a CWU may occur at any time during the LEMA Renewal Period, prior to the first irrigation application and will require all owners of the Water Right(s), to sign a notarized document provided by GMD1. This document will contain the water right numbers and locations of the wells that are physically tied together along with a map showing the location of the pipeline. If Water right changes are required to implement

a CWU, the owners are responsible for completing all necessary applications and gaining approval of such by the Chief Engineer prior to application. All Combined Well Units must be approved by the Board and the Chief Engineer prior to implementation

VII. Violations

The WC LEMA Order of Designation shall serve as initial notice to all Water Right owners within the WC LEMA boundary on its effective date. A copy of the Order of Designation and the LEMA Plan shall be available on DWR's website and GMD1's website. DWR shall mail a notification that the Order of Designation is effective to all Water Right owners and WUC, if different from the owner, with instructions on how to request a copy of the Order of Designation. Violations shall be addressed as follows:

- a. Exceeding the five-year Renewal Period, WC LEMA Allocation and all other Water Right violations shall be subject to applicable Kansas statutes and regulations, specifically but not limited to K.A.R. 5-14-10 and K.A.R. 5-14-12.
- b. The combined authorized pumping rate of all wells in a CWU shall be used to calculate the number of days pumping occurred in excess of the CWU's Renewal Period WC LEMA Allocation.

VIII. Metering and Monitoring

- a. All Water Right owners shall be responsible for ensuring their water flowmeters are in compliance with state statutes and regulations prior to the diversion of water at each point of diversion.
- b. In addition to being in compliance with DWR requirements and reporting annually the quantity of water diverted from each point of diversion, all Water Right owners within the WC LEMA boundaries are encouraged to implement at least one additional well or meter monitoring procedure.
- c. Should the water flowmeter reported readings be in question and determined insufficient and no other records are provided upon request of GMD1, the well shall be assumed to have pumped its full Annual Authorized Quantity for the year in question.
- d. Whenever a meter is repaired or replaced, the Water Right owner or authorized designee shall submit form DWR 1-560 Water Flowmeter Repair/Replacement Form to GMD1 or DWR within seven days of the completed repair.
- e. This metering protocol shall be a specific annual review issue and if discovered to be ineffective, specific adjustments shall be recommended to the Chief Engineer by GMD1.

IX. Accounting

- a. After the 2025 water use data is available, DWR, in cooperation with GMD1, shall determine the amount of unused allocation from the Original LEMA period, and shall create a table of Renewal Period WC LEMA Allocations for each point of diversion and group by adding to the Base WC LEMA Allocation for 2026-2030, the amount of unused allocation from the Original LEMA period, up to two years of average annual allocation, limited to five times the authorized quantity associated with the point of diversion or group. DWR, in cooperation with GMD1, shall provide notice to all effected water right owners and water use correspondents.

- b. DWR, in cooperation with GMD1, shall keep records of the annual diversion amounts for each Water Right within the WC LEMA boundary and the total five-year quantity balances. Upon written request, this information will be available to the Water Right owner or GMD1.
- c. GMD1 and DWR shall cooperate on reconciliation and correction of any annual water use report found to be in error.
- d. GMD1 will provide DWR with copies of all completed Combined Well Unit Forms and any other documentation or information concerning the WC LEMA in a timely manner.

X. LEMA Reviews

- a. The Board and a member of DWR staff appointed by the Chief Engineer shall comprise the “Review Board” and shall conduct an annual review of the items in subsection (b). The review data shall also be presented at the Annual Meeting of GMD1.
- b. Annual Review Items
 - 1. Water use data. Specifically, each annual review shall examine how the average annual water use under the LEMA Plan compares with the average total allocation allowed under the LEMA Plan as well as comparing how total average annual use within the LEMA area, including non-regulated uses, compares with KGS’ most recent Qstable estimate for the LEMA area.
 - 2. Water table information.
 - 3. Economic data as is available.
 - 4. Compliance and enforcement issues.
 - 5. Any new and preferable enhanced management authorities that become available.
 - 6. Other items deemed pertinent by the Review Board.
- c. WC LEMA Order of Designation Reviews

In addition to the annual review of the WC LEMA, the Review Board shall conduct a more formal review of WC LEMA Order of Designation in the fourth year of the LEMA Period. The review will encompass the annual review items with a focus on whether average use within the LEMA boundary is continuing at Qstable values and on the economic impacts, as data is available, to the WC LEMA area and the local public interest while pursuing the LEMA goals.

The Review Board shall produce a report to the Chief Engineer following this review that contains specific recommendations regarding future WC LEMA actions. This report shall be presented at Stakeholder meetings for the purpose of considering any future LEMA plans. All recommendations shall be supported by reports, data, testimonials, affidavits or other information of record.

Further, after the water use data for year four of the LEMA Renewal Period is available, the Review Committee, with the input of the KGS, shall specifically determine if the

average water use of the previous five years is less than 105% of the KGS' latest determination of Qstable for the LEMA area.

XI. Impairment Complaints

The Stakeholders request that any impairment complaint submitted to the Chief Engineer during the LEMA Period be investigated with consideration to Water Right priority and the LEMA Plan.

XII. Water Level Monitoring

Prior to this WC LEMA proposal there were 43 recognized observation wells, two with continuous water level sensors and one continuously monitored index well, all within or near the WC LEMA area that have been measured annually by either DWR or KGS personnel. For each of these wells, there is a long history of annual water level measurements. Pumping influences and recovery trends can be analyzed to evaluate results of the corrective controls implemented by this LEMA Plan.

XIII. Coordination

The Stakeholders expect reasonable coordination between DWR and GMD1 in at least the following efforts:

- a. Development of the WC LEMA Order of Designation resulting from the LEMA process.
- b. Compliance and enforcement of the WC LEMA Order of Designation.
- c. Annual accounting of the WC LEMA Allocation quantities used and available balance to Water Right owners and WUC if different from the owner.

XIV. Allocation Appeal Process

- a. The following process will govern appeals for the possible modification of WC LEMA Allocations.
 1. Only the amount of the WC LEMA Allocation may be appealed. Appeals regarding any other issues shall not be allowed and will not be considered through this process.
 2. The Board will serve as the appeals Board. Any due consideration for past conservation would be determined by the Board of Directors on a case-by-case basis. Information generated by DWR, KGS, any agency of the United States, and GMD1 will be the Board's official source of information for appeals.
- b. Water Right owners must submit a written request for an appeal to GMD1 during the five-year Renewal LEMA period. The request shall specify the point(s) of diversion, relevant year(s) of the Comparison Years, and the basis for the appeal. During the appeal period, each point of diversion is limited to one appeal for each of the reasons listed below. Water Right owners may withdraw their appeal by providing written notice prior to the Board issuing a final determination pursuant to subsection (e). New WC LEMA Allocations authorized by the Board will become effective by the year the appeal is approved. Appeals may be based on any of the following reasons:

1. Verification of reported water use history used for the WC LEMA Allocations provided in **Attachment A**.
 2. A System Evaluation performed by a License Irrigation Engineer would be highly recommended as part of the appeals process.
 3. Due consideration of previous voluntary conservation measures resulting in an incomplete or diminished Historical Usage record. For appeals during the Renewal Period, only those whose average annual allocations under the LEMA are less than 20% of their authorized quantity and who can demonstrate clear conservation in the record used to determine the allocation may appeal.
- c. An individual with non-use during the first 5-year WC LEMA Period may appeal for reissuing of their 5-year allocation plus no more than 2-years of carryover from the first WC LEMA Period.
 - d. For water rights who received no original LEMA allocation, they shall have the option appeal to obtain an allocation during the Renewal Period pursuant to the flow rate test procedure below.
 - e. Appeals based solely on reported water use history will be referred to DWR for verification. Written notification will be provided to the Water Right owner when the process is completed.
 - f. The Board will Review the submitted information at the next scheduled board meeting or special meeting scheduled for the purpose of appeal reviews. The Board shall issue one of the following determinations:
 1. Denial of appeal.
 2. Grant an extension for the Water Right owner to provide additional information.
 3. New WC LEMA Allocation based on the information presented.
 4. Approval of appeal.
 5. Authorize a flow rate test. For points of diversion enrolled in government sponsored conservation programs the test may be postponed until the current contract expires.
 6. Authorize a WC LEMA Allocation equal to 20% of a point of diversion's AAQ x 5.
 - g. Flow Rate Test Procedure
 1. All flow rate tests shall be conducted by GMD1 or DWR between June 15 and September 15.
 2. All wells shall have adequate spacing to allow proper installation of test equipment. If spacing is insufficient, the Water Right owner will have the opportunity to make the required adjustments to facilitate an accurate test.
 3. Each well within a Combined Well Unit shall be tested independently.

4. The resulting flow rate will be multiplied by 150 days to determine an annual acre-foot quantity, not to exceed the Annual Authorized Quantity. The annual quantity may be used to replace the year(s) of the Comparison Years under appeal. The new Historical Use record shall be reduced by the Conservation Factor to establish the new WC LEMA Allocation pursuant to **Section IV (a) (1)**.

XV. Attachments

Attachment A: Listing of WC LEMA Water Rights, points of diversions, groupings, and Base Allocations for the period 2026-2030

Attachment B: Flexibility Request Form

Attachment C: Combined Well Unit Form

Attachment D: Documentation indicating the proposed corrective controls will meet the LEMA's stated goal

Attachment E: Memorandum summarizing public outreach conducted by GMD1 and resulting changes made based on public input

The following additional attachments are provided for general reference:

Attachment F: GMD1 Map

Attachment G: Wichita County LEMA Boundary Map

Attachment H: KGS Estimated Useable Life Projection Map

Attachment I: KGS Observation Well Map

Attachment J: KGS Water Level Change Map

XVI. References

1. GMD1 testimony at Initial LEMA Hearing titled; "WRITTEN TESTIMONY OF THE WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT #1; To Hearing Officer Christopher W. Beightel, Division of Water Resources, Kansas Department of Agriculture; For the Hearing Scheduled August 14,2020; Submitted by: Kyle Spencer
2. GMD1 testimony the Second LEMA Hearing titled: "WRITTEN TESTIMONY OF THE WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT #1; To Hearing Officer Earl D. Lewis, Jr., Division of Water Resources, Kansas Department of Agriculture; For the Second LEMA Hearing, Scheduled November 20, 2020; Submitted by: Kyle Spencer, Manager

Attachment A: Wichita County Renewal Base LEMA Allocations

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
1	19691	27-16-38W 3 5200 N 2700 W	-	-
2	24311	18-17-37W 1 2741 N 1596 W	930.000	930.000
3	12757	32-16-35W 3 1450 N 2250 W	383.000	-
4	20425	11-17-36W 2 537 N 3160 W	352.323	-
5	10261	22-18-37W 4 2550 N 2400 W		
5	10261	22-18-37W 8 3680 N 1930 W		
5	14209	27-18-37W 2 CE NE S		
5	39885	22-18-37W 3 4110 N 2400 W		
5		Group Total:	1,232.256	1,232.256
6	17590	14-17-35W 1 3900 N 4680 W	-	-
7	17804	09-18-36W 4 NW SW N	-	-
8	7856	35-16-38W 1 NW NW N		
8	939	35-16-38W 1 NW NW N		
8		Group Total:	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
9	8376	18-16-36W 1 NW SW N	-	-
10	10499	01-18-36W 1 NE NE S		
10	10499	01-18-36W 2 NE SW S		
10	9441	01-18-36W 1 NE NE S		
10	9441	01-18-36W 2 NE SW S		
10		Group Total:	860.355	860.355
11	15373	31-16-37W 4 3830 N 4260 W	-	-
12	19593	17-16-35W 5 150 N 1320 W	165.200	165.200
13	7192	29-18-36W 1 NW NW N		
13	8628	29-18-36W 1 NW NW N		
13		Group Total:	223.979	223.979
14	19869	03-16-38W 4 4000 N 4985 W	282.034	282.034
15	11457	17-16-35W 2 1350 N 2550 W	102.079	102.079
16	10700-D2	23-17-36W 6 4889 N 2707 W	388.228	388.228

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
17	17049	10-16-38W 2 1320 N 5200 W	877.655	877.655
18	12209	35-17-35W 2 4000 N 5150 W	590.161	590.161
19	18244	04-16-35W 1 1740 N 5240 W	237.483	237.483
20	24787	05-17-35W 1 5110 N 4448 W		
20	9558	05-17-35W 1 5110 N 4448 W		
20		Group Total:	300.000	300.000
21	13048	30-16-35W 3 3140 N 5200 W	646.918	646.918
22	25035	01-18-38W 3 4050 N 2540 W	237.000	237.000
23	5082	22-18-37W 10 2170 N 5112 W	236.588	236.588
24	22153	18-18-38W 2 2046 N 990 W	313.200	313.200
25	25007	23-16-35W 2 2730 N 2780 W	158.010	-
26	13547	33-16-35W 1 2770 N 5140 W	-	-
27	2454	27-16-37W 1 SW NW N	345.000	345.000
28	10229	15-17-35W 1 SW SE S	831.432	831.432

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
29	10395	23-18-37W 3 CW NW N	-	-
30	12346	20-17-35W 1 100 N 5150 W		
30	12346	30-17-35W 1 5200 N 2600 W		
30	1323	20-17-35W 1 100 N 5150 W		
30	1323	30-17-35W 1 5200 N 2600 W		
30		Group Total:	1,064.555	1,064.555
31	10669	25-18-37W 5 SW NW N	-	-
32	10627	17-18-38W 1 2250 N 2700 W	626.440	626.440
33	11129	10-17-36W 1 2480 N 5180 W	-	-
34	25068	27-17-38W 3 50 N 4225 W	422.072	422.072
35	12934	09-16-38W 2 2630 N 5260 W	1,186.007	1,186.007
36	12441	16-18-36W 2 NW SW S	-	-
37	12761	09-18-36W 2 NW NW N	-	-
38	11517	16-16-37W 2 2600 N 3536 W	174.000	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
39	23943	06-17-37W 4 5050 N 3185 W	175.891	175.891
40	12794	24-17-37W 2 SW NW S	858.750	858.750
41	10449	35-17-38W 1 2593 N 482 W		
41	10449	35-17-38W 5 2510 N 263 W		
41		Group Total:	266.958	266.958
42	18069	20-16-38W 1 5200 N 3950 W	1,136.010	1,136.010
43	7363	26-17-37W 4 5245 N 4255 W	748.513	748.513
44	3846	08-16-37W 1 SW SW N	-	-
45	16113	32-16-38W 3 1250 N 3700 W	-	-
46	7707	31-16-35W 1 NW NW N	457.891	-
47	11793	21-17-35W 2 150 N 150 W		
47	11793	21-17-35W 4 920 N 3440 W		
47	13295	21-17-35W 2 150 N 150 W		
47	13295	21-17-35W 4 920 N 3440 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
47	1462	21-17-35W 2 150 N 150 W		
47	1462	21-17-35W 4 920 N 3440 W		
47		Group Total:	537.947	-
48	7299	18-16-35W 1 SE SW S	486.402	486.402
49	17984	23-17-37W 5 2205 N 1500 W		
49	20592	23-17-37W 6 2110 N 2880 W		
49	5543	23-17-37W 3 1620 N 2500 W		
49		Group Total:	1,545.739	1,545.739
50	3769	15-18-37W 1 SW NW S	-	-
51	352	34-17-35W 1 SE SE N	680.625	680.625
52	18742	08-18-38W 2 1870 N 3200 W	726.038	726.038
53	10086	06-17-36W 1 2500 N 2500 W	326.554	326.554
54	20443	15-16-36W 5 2600 N 2550 W	90.679	90.679
55	22677	23-16-35W 3 1500 N 115 W	574.104	574.104

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
56	10965	34-16-37W 1 NW NW S	320.000	320.000
57	14470	31-17-36W 1 5240 N 80 W	250.489	250.489
58	1324	15-19-36W 1 NE NE N	314.904	314.904
59	39399	17-16-37W 4 5230 N 5230 W	137.982	137.982
60	14016	24-19-38W 2 NC N2 N2 S	-	-
61	39390	04-18-38W 8 2101 N 2317 W	177.814	177.814
62	11000	03-18-35W 2 NC N2 NW S		
62	11000	03-18-35W 3 1650 N 5200 W		
62		Group Total:	677.154	677.154
64	14695	22-18-38W 1 3798 N 111 W		
64	14695	22-18-38W 6 4119 N 1004 W		
64	14695	23-18-38W 1 2365 N 3995 W		
64	24312	23-18-38W 2 2584 N 4939 W		
64		Group Total:	613.810	613.810

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
65	5678	27-17-35W 2 SW SW N	-	-
67	18895	09-16-38W 3 5260 N 5260 W	847.918	847.918
68	10569-D2	16-18-37W 4 5047 N 1422 W	312.062	-
69	10960-D2	17-16-38W 1 2720 N 5170 W		
69	8277-D2	17-16-38W 1 2720 N 5170 W		
69		Group Total:	794.910	794.910
70	9639	20-17-38W 1 100 N 1700 W	-	-
71	16113	32-16-38W 1 3100 N 4750 W	-	-
72	24974	08-18-38W 4 4210 N 100 W	758.170	758.170
73	12761	09-18-36W 3 SW SW N	-	-
74	22280	30-16-36W 2 90 N 2600 W	342.857	342.857
75	11737	14-16-36W 3 SW SW S	264.000	-
76	12855	13-16-36W 1 SW SW N	366.986	366.986
77	25116	33-17-35W 3 1320 N 4200 W	242.550	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
78	17076	16-16-36W 1 1630 N 2560 W	110.900	-
79	7973	02-18-35W 4 4660 N 2580 W	200.321	-
80	5568	32-16-35W 1 SW NW N	122.150	-
81	14462	06-19-35W 2 SW SW S	433.468	433.468
82	18681-D1	08-16-38W 2 5197 N 2064 W	1,313.631	1,313.631
83	6870	27-18-37W 1 NE NW N	106.714	106.714
84	9724	01-17-38W 3 SE NE N	-	-
85	31697	05-17-36W 4 2686 N 5200 W		
85	6426	05-17-36W 1 SE SW S		
85		Group Total:	798.641	798.641
86	4801	05-18-37W 1 NW NW S	302.080	302.080
87	12005	01-17-35W 1 SW NW N	725.575	725.575
88	10027	26-17-35W 1 SW SE S		
88	10027	26-17-35W 2 NE NE S		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
88	4391	26-17-35W 1 SW SE S		
88	4391	26-17-35W 2 NE NE S		
88		Group Total:	800.561	800.561
89	3456	20-16-37W 2 SW SW N	647.523	647.523
90	566	02-18-35W 2 2680 N 2340 W	249.257	-
91	17265	21-18-36W 3 1243 N 5232 W	411.348	411.348
92	7346	04-16-38W 10 4610 N 2500 W		
92	7346	04-16-38W 2 3660 N 2360 W		
92	7346	04-16-38W 6 2850 N 2600 W		
92		Group Total:	1,250.868	1,250.868
93	24887	07-16-35W 2 2745 N 2611 W	-	-
94	3025	28-16-38W 1 SW NW N	-	-
95	15047	15-17-36W 1 100 N 2600 W		
95	4189	15-17-36W 1 100 N 2600 W		
95		Group Total:	115.340	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
96	19511	29-17-38W 3 2800 N 2600 W	291.848	-
97	11742	07-17-36W 2 4887 N 5216 W		
97	11742	07-17-36W 5 1053 N 4013 W		
97		Group Total:	396.575	396.575
98	199	31-18-38W 1 SW NW S	320.414	320.414
99	16351	35-18-35W 2 1940 N 1625 W	-	-
100	11043	17-17-38W 1 SW NW N		
100	12521	17-17-38W 1 SW NW N		
100		Group Total:	640.000	640.000
101	1276	05-18-35W 1 5260 N 2300 W		
101	15007	05-18-35W 1 5260 N 2300 W		
101		Group Total:	-	-
102	17328	34-16-36W 3 2590 N 2570 W	504.445	504.445
103	9608	30-16-38W 1 4928 N 4620 W	442.064	442.064
104	26303	25-16-38W 4 2680 N 2550 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
105	3815	34-17-36W 2 SE SE S	483.000	483.000
106	18512	21-16-38W 2 1980 N 3770 W	-	-
107	5354	06-18-35W 2 SW SW N	478.457	478.457
108	9579	28-17-35W 1 NW NW S	531.525	531.525
109	33778	11-18-35W 1 1660 N 5212 W	-	-
110	15252	29-16-36W 3 CW S	306.071	306.071
111	22789	27-17-37W 1 5220 N 1410 W	794.706	794.706
113	39392	04-18-38W 10 2715 N 4574 W	133.868	133.868
114	13749-D1	14-16-37W 2 345 N 1925 W	-	-
115	18231	32-16-37W 3 5250 N 4100 W		
115	2364	05-17-37W 4 5235 N 5100 W		
115	2936	32-16-37W 9 5260 N 5045 W		
115		Group Total:	676.852	676.852
116	25300	29-16-37W 3 1330 N 2630 W	322.957	322.957

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
117	11605	36-16-35W 2 CW NW N	325.000	-
118	17927	20-16-36W 1 80 N 1220 W	552.552	552.552
119	8622	35-17-36W 3 CW N	318.852	318.852
120	15520-D1	28-17-38W 4 3976 N 5142 W	-	-
121	9353	23-17-35W 1 NW NW S	562.564	562.564
122	12455-D1	21-18-35W 2 5160 N 3700 W	329.170	329.170
123	1114	07-18-35W 1 2730 N 2630 W	-	-
124	37366	10-17-36W 2 2160 N 1700 W	173.690	173.690
125	4156	35-16-36W 7 790 N 5150 W	-	-
126	5142	28-17-38W 1 SW SW S	483.755	483.755
127	12013	15-18-36W 1 SE NE S	71.100	-
128	3331	27-17-35W 1 SW SW S		
128	9345	27-17-35W 1 SW SW S		
128		Group Total:	686.861	686.861

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
129	13714	30-17-38W 1 2480 N 1640 W	320.000	-
130	9910	21-16-37W 1 SW NW N	684.766	684.766
131	10204	06-16-37W 1 150 N 4450 W	-	-
132	10236	23-17-38W 2 3940 N 20 W	636.413	636.413
133	24974	08-18-38W 3 3640 N 2700 W	899.850	899.850
134	9638	31-16-38W 1 3950 N 4525 W	-	-
135	3488	21-17-38W 2 NW NW N		
135	9504	21-17-38W 2 NW NW N		
135		Group Total:	-	-
136	3745	07-16-37W 1 NW NW S	-	-
137	4469	04-17-35W 1 5200 N 2600 W		
137	4469	04-17-35W 3 5200 N 5200 W		
137	4469	04-17-35W 5 3705 N 2600 W		
137	9061	04-17-35W 1 5200 N 2600 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
137	9061	04-17-35W 3 5200 N 5200 W		
137	9061	04-17-35W 5 3705 N 2600 W		
137		Group Total:	1,105.000	-
138	20166	24-16-38W 4 3868 N 2590 W		
138	808	24-16-38W 1 NE NW N		
138		Group Total:	1,143.940	1,143.940
139	8132	01-17-37W 5 5317 N 4001 W		
139	8132	01-17-37W 6 4954 N 2029 W		
139		Group Total:	538.156	538.156
140	342	18-18-36W 3 100 N 897 W		
140	342	18-18-36W 4 220 N 1170 W		
140		Group Total:	290.000	290.000
141	4194	34-17-37W 1 SW SW N	201.054	201.054
142	23260	26-17-36W 3 3576 N 2580 W	465.456	465.456
143	15373	31-16-37W 2 5200 N 2020 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
143	4052	31-16-37W 2 5200 N 2020 W		
143		Group Total:	-	-
144	13766	05-18-36W 1 2500 N 2540 W		
144	24028	05-18-36W 2 4295 N 2600 W		
144	24792	05-18-36W 4 180 N 2540 W		
144		Group Total:	899.686	899.686
145	11204	34-16-35W 2 SW SW N	383.539	383.539
146	14514	35-17-35W 3 NC N2 NW N	385.323	385.323
149	10894	17-18-35W 4 SW NW S	78.240	-
150	10301	36-16-36W 1 SW NW S	12.150	-
152	24785-D2	33-17-35W 4 2905 N 2550 W	-	-
153	10076	15-18-35W 1 NW CR S		
153	11310	15-18-35W 1 NW CR S		
153	15556	15-18-35W 1 NW CR S		
153		Group Total:	164.721	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
155	13854	24-16-36W 3 3300 N 5100 W	324.997	324.997
157	17691	17-16-36W 3 2700 N 2771 W	-	-
159	1339	36-17-35W 1 3964 N 5240 W		
159	17550	36-17-35W 1 3964 N 5240 W		
159	Group Total:		668.044	668.044
160	16114	23-17-38W 3 2600 N 2620 W	-	-
161	18681-D2	08-16-38W 3 2585 N 2666 W	462.549	462.549
162	5866	05-16-35W 2 CW NW S		
162	9421	05-16-35W 2 CW NW S		
162	Group Total:		312.067	312.067
163	30246	14-17-36W 5 2752 N 5230 W	-	-
164	24459	20-17-37W 2 100 N 2590 W	343.572	343.572
165	16601	31-16-36W 4 4607 N 5230 W	324.623	324.623
166	12455-D2	28-18-35W 4 200 N 3640 W	180.000	180.000

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
167	13295	21-17-35W 3 5200 N 4535 W	114.667	-
168	33254	34-16-36W 4 5150 N 4796 W	523.301	523.301
169	19869	03-16-38W 2 2770 N 2630 W	395.116	395.116
170	10879	08-16-37W 5 57 N 3967 W	-	-
171	2877-D2	26-17-37W 8 4249 N 2657 W	70.150	70.150
172	12757	32-16-35W 4 3886 N 2552 W	260.055	-
173	24785-D1	33-17-35W 5 1585 N 2510 W	-	-
174	19301	02-19-37W 2 3387 N 5256 W	-	-
175	3585	26-16-38W 3 2010 N 4010 W	-	-
176	10726	35-16-37W 1 NW NW S	355.757	355.757
177	3086	28-18-35W 1 1200 N 2600 W	171.421	171.421
178	20443	15-16-36W 3 1577 N 2600 W	897.380	897.380
179	25064	04-18-38W 3 746 N 5100 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
179	6848	03-18-38W 5 1696 N 4613 W		
179	7410	03-18-38W 5 1696 N 4613 W		
179	7819	09-18-38W 1 NW NW N		
179	Group Total:		1,676.996	1,676.996
180	29537	36-16-35W 3 2550 N 2250 W	-	-
181	6206	21-18-37W 1 NW NW N	-	-
182	10448	06-18-37W 1 NE NW S		
182	10448	07-18-37W 2 NW SW N		
182	10448	07-18-37W 3 NW SW S		
182	10448	08-18-37W 4 NW NW N		
182	14512	06-18-37W 1 NE NW S		
182	14512	07-18-37W 2 NW SW N		
182	14512	07-18-37W 3 NW SW S		
182	14512	08-18-37W 4 NW NW N		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
182	21645	07-18-37W 4 300 N 2620 W		
182	23853	08-18-37W 7 3380 N 5205 W		
182	9920	06-18-37W 1 NE NW S		
182	9920	07-18-37W 2 NW SW N		
182	9920	07-18-37W 3 NW SW S		
182	9920	08-18-37W 4 NW NW N		
182	Group Total:		2,678.235	2,678.235
183	14257	18-17-35W 3 2765 N 5185 W	156.030	-
184	11782	16-18-35W 3 SW NW S	300.000	300.000
186	9588	30-17-35W 3 NW SW S	1,057.500	1,057.500
187	23193	04-18-38W 1 5223 N 1212 W	240.165	240.165
188	10140	21-18-38W 3 30 N 2045 W		
188	10140	21-18-38W 4		
188	Group Total:		203.841	203.841

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
189	21010	14-17-36W 3 4647 N 1028 W	269.193	-
190	20714	17-18-37W 7 69 N 611 W	379.313	-
191	17088	31-16-38W 3 1050 N 1120 W	-	-
192	8333	33-17-35W 1 4000 N 5180 W	-	-
193	14836	18-19-38W 1 140 N 2440 W	440.983	440.983
195	7753	02-17-35W 1 SW NW N	527.727	527.727
196	7190-D3	27-18-35W 1 50 N 2636 W	-	-
197	11254-D1	06-17-37W 1 5223 N 2726 W	154.000	-
199	8833	16-16-35W 4 592 N 2627 W	246.713	-
200	3128	27-16-38W 2 2450 N 2600 W	-	-
201	13749-D1	14-16-37W 1 5200 N 2600 W	-	-
202	16113	32-16-38W 4 1800 N 2550 W	-	-
203	24157	07-17-37W 1 4335 N 2090 W	569.432	569.432

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
204	12918	29-16-35W 2 2600 N 5150 W	430.436	430.436
205	20167	28-16-37W 2 5218 N 5220 W	576.145	576.145
206	20651	19-18-38W 2 3133 N 3960 W	-	-
207	23385	30-16-38W 3 4085 N 1420 W	119.000	119.000
208	3118	31-17-35W 1 5250 N 5080 W	-	-
209	1275	24-17-36W 1 3887 N 5208 W	420.430	420.430
210	10892	04-16-38W 3 4160 N 5200 W	634.029	634.029
211	20408	34-17-36W 3 233 N 5239 W	347.000	347.000
212	16514	20-18-35W 2 5080 N 4220 W	313.657	313.657
213	7856	35-16-38W 2 NC E2 SW N	-	-
213	939	35-16-38W 2 NC E2 SW N	-	-
213		Group Total:	-	-
214	21937	25-16-37W 4 5220 N 2595 W	465.520	465.520
216	6815	11-16-38W 1 50 N 4800 W	489.659	489.659

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
217	11176	17-16-37W 2 1260 N 3940 W	509.008	509.008
218	19707	08-18-37W 5 1720 N 4110 W	206.556	-
219	12441	16-18-36W 1 CW NW S	-	-
220	15224	11-18-38W 2 3850 N 2600 W	481.789	481.789
221	16113	32-16-38W 5 950 N 1600 W	-	-
222	21297	16-16-35W 2 1696 N 2632 W	-	-
222	8833	16-16-35W 2 1696 N 2632 W	-	-
222		Group Total:	-	-
223	18193-D1	16-18-37W 5 3546 N 2610 W	303.919	-
225	25068	27-17-38W 2 50 N 5215 W	238.967	238.967
226	16666	17-17-35W 2 NW NE S	561.793	561.793
227	21150	16-16-36W 3 90 N 1450 W	372.000	372.000
228	10276	17-18-37W 5 5105 N 1740 W	207.141	207.141
229	10172	19-16-37W 2 2300 N 4200 W	462.648	462.648

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
230	15909	30-17-38W 3 4260 N 3830 W	511.161	511.161
231	367	24-18-36W 1 NW NE N	-	-
232	31818	02-16-38W 4 1983 N 5280 W	-	-
233	10924	13-17-36W 1 SW SE S	-	-
233	1320	13-17-36W 1 SW SE S	-	-
233	8893	13-17-36W 1 SW SE S	-	-
233		Group Total:	312.321	312.321
234	7270	26-17-36W 2 NW NW S	551.071	551.071
235	8904	17-18-36W 1 5250 N 5200 W	-	-
236	26244	19-16-38W 2 1300 N 3700 W	293.271	293.271
237	9809	08-17-37W 5 4600 N 5150 W	489.250	-
238	10463	36-16-37W 1 5100 N 5100 W	615.079	615.079
239	16960	33-17-38W 2 977 N 2620 W	320.000	320.000
240	10387	24-16-35W 1 4719 N 2600 W	154.550	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
241	10390	32-17-36W 3 NW SW S		
241	9653	32-17-36W 3 NW SW S		
241		Group Total:	465.884	-
242	2218	32-17-35W 1 NW NW S	-	-
243	7973	02-18-35W 5 1680 N 2300 W	319.650	-
244	16411	35-17-37W 1 3150 N 2600 W	-	-
245	10374	25-16-38W 3 5225 N 3325 W	-	-
246	3488	21-17-38W 3 CS S2 NE S		
246	9504	21-17-38W 3 CS S2 NE S		
246		Group Total:	-	-
247	16306	06-19-35W 3	235.000	235.000
248	17065	29-16-35W 4 2600 N 3000 W	240.155	240.155
249	7347	32-17-37W 1 3000 N 2600 W	298.300	-
250	25358	02-18-36W 2 3630 N 2635 W	-	-
251	25101	27-16-38W 6 2300 N 660 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
252	28828	26-16-37W 5 2292 N 2577 W	462.991	462.991
253	25115	07-17-35W 2 5232 N 4246 W	-	-
254	4958	30-16-36W 1 1670 N 5200 W	111.200	-
255	10769	10-16-37W 1 SW SW N	-	-
256	7791	02-18-38W 1 2720 N 5130 W		
256	7791	02-18-38W 2 3907 N 1564 W		
256		Group Total:	1,213.136	1,213.136
257	2591	36-17-36W 1 NW NW N	664.280	-
258	10500	14-16-36W 2 100 N 4450 W		
258	10500	15-16-36W 6 440 N 4920 W		
258		Group Total:	1,173.000	1,173.000
259	25033	11-16-38W 2 50 N 2560 W	182.764	182.764
260	13272	03-17-35W 1 NW N	320.000	-
261	8442	04-18-35W 1 NW NW N	251.000	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
262	12280	01-18-37W 3 3160 N 1314 W	524.239	524.239
263	22678	24-16-35W 3 680 N 5060 W	306.134	306.134
265	849-A	20-18-38W 2 1955 N 4885 W		
265	849-B	20-18-38W 2 1955 N 4885 W		
265		Group Total:	188.000	188.000
266	10960-D1	05-16-38W 2 2592 N 3226 W		
266	8277-D1	05-16-38W 2 2592 N 3226 W		
266		Group Total:	1,202.620	1,202.620
267	23897	06-17-36W 2 2540 N 5240 W	-	-
268	7331	26-16-37W 2 NW NW N	295.000	295.000
269	16934	20-17-35W 3 1350 N 2500 W	585.943	585.943
270	2830	08-18-37W 1 NW NW N		
270	2830	08-18-37W 2 SW SW S		
270	2830	08-18-37W 3 NW NW S		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
270	9454	08-18-37W 1 NW NW N		
270	9454	08-18-37W 2 SW SW S		
270	9454	08-18-37W 3 NW NW S		
270		Group Total:	909.759	-
271	7630	25-16-37W 6 2350 N 5200 W	370.621	370.621
273	16396	06-18-35W 3 1950 N 2600 W	-	-
274	8673	16-16-37W 1 80 N 5240 W	466.000	-
275	566	02-18-35W 1 3340 N 2400 W	232.779	-
276	8682	32-17-36W 1 NE NE N	-	-
277	11609	35-16-35W 1 2500 N 2500 W	336.563	336.563
278	24855	22-18-37W 6 1292 N 5200 W	145.902	145.902
279	17550	36-17-35W 2 4819 N 4326 W	461.257	461.257
280	25190	08-16-37W 4 25 N 43 W	-	-
281	16444	14-17-38W 3 3360 N 3710 W	576.314	576.314

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
282	10669	25-18-37W 4 CN NE N	-	-
283	9214	21-16-36W 1 SW SW S	590.143	590.143
284	11051	18-16-37W 2 3960 N 4117 W	536.764	536.764
285	13048	30-16-35W 4 2900 N 3980 W	689.813	689.813
286	18131	19-16-35W 4 2660 N 5100 W	-	-
287	11393	33-17-36W 3 448 N 2510 W		
287	11393	33-17-36W 7 2246 N 2510 W		
287		Group Total:	558.000	558.000
288	19041	24-16-35W 2 3970 N 5194 W	184.350	-
289	10628	18-18-38W 3 4400 N 3800 W	-	-
290	16114	24-17-38W 2 1344 N 4856 W	-	-
291	10570-D2	12-18-38W 3 2360 N 2880 W		
291	10570-D2	12-18-38W 4 1140 N 5135 W		
291	10570-D2	13-18-38W 1 5150 N 3830 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
291	10570-D2	13-18-38W 3 5190 N 1480 W		
291	23565	12-18-38W 4 1140 N 5135 W		
291	23565	13-18-38W 1 5150 N 3830 W		
291	9059-D2	12-18-38W 3 2360 N 2880 W		
291	9059-D2	12-18-38W 4 1140 N 5135 W		
291	9059-D2	13-18-38W 1 5150 N 3830 W		
291	9059-D2	13-18-38W 3 5190 N 1480 W		
291		Group Total:	1,654.645	1,654.645
292	2316	26-16-38W 2 NW NW N	-	-
293	10577	28-17-37W 2 1640 N 5237 W	536.834	536.834
294	1999	26-16-37W 1 4200 N 5200 W	591.200	591.200
295	8133	31-16-36W 5 2343 N 5050 W	452.802	452.802
296	34696	17-18-35W 6 1522 N 2614 W	-	-
297	3782	17-18-37W 2 330 N 2310 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
298	15392	31-18-35W 1 NC S2 NW S	166.033	-
299	10140	19-18-38W 7 1455 N 2100 W	229.099	229.099
301	15520-D2	21-17-38W 4 690 N 1868 W	-	-
302	7734	24-17-36W 2 SW NW S	662.250	662.250
303	10879	08-16-37W 3 2714 N 3660 W	-	-
304	12392	27-17-38W 1 SE SW N	320.000	320.000
305	34704	25-16-36W 4 2605 N 1410 W	190.481	190.481
306	23107	09-16-36W 5 60 N 3830 W	-	-
307	1205	35-16-36W 1 NW SW S		
307	9431	35-16-36W 3 4000 N 3150 W		
307		Group Total:	822.218	822.218
308	25232	23-16-36W 4 1820 N 1400 W	-	-
309	7470	30-16-37W 4 NW NW S	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
310	344-D1	26-17-36W 4 2399 N 2489 W	531.188	531.188
311	10975	02-17-37W 2 NC N2 N2 S	-	-
312	10578	10-18-37W 4 3962 N 4000 W	324.758	324.758
313	9345	27-17-35W 4 SW SW N	493.514	493.514
314	19008	04-17-35W 4 5200 N 4000 W	-	-
315	18417	34-16-35W 3 NE NE S	605.111	605.111
316	10290-D1	28-17-36W 3 5301 N 2459 W		
316	10290-D2	28-17-36W 3 5301 N 2459 W		
316	13831	21-17-36W 1 107 N 76 W		
316	250	28-17-36W 1 4191 N 3824 W		
316		Group Total:	700.057	700.057
317	11457	17-16-35W 1 150 N 2500 W	164.286	164.286
318	241	02-19-35W 1 NE NE N	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
319	15392	31-18-35W 3 SE SE S	282.744	-
320	18628	06-18-35W 4 528 N 4587 W	-	-
322	9820	30-16-35W 2 NW NW S	-	-
323	34660	28-19-37W 3 4900 N 2250 W		
323	8619	28-19-37W 1 5200 N 2600 W		
323	8619	28-19-37W 3 4900 N 2250 W		
323		Group Total:	151.000	151.000
324	3119	17-18-35W 2 NW NW N	-	-
325	8980	31-17-35W 8 4985 N 2590 W	107.700	-
326	1130	19-17-36W 2 1893 N 1551 W		
326	13198	19-17-36W 2 1893 N 1551 W		
326	13198	30-17-36W 6 2649 N 2881 W		
326		Group Total:	854.626	854.626
327	4711	13-16-35W 2 SW SW S	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
328	16311	25-17-38W 1 2600 N 5200 W	-	-
329	5203	22-17-35W 1 SW SW S	842.079	842.079
330	16114	26-17-38W 2 4680 N 985 W	178.409	178.409
331	4971	29-16-38W 2 SW NE N		
331	9877	29-16-38W 2 SW NE N		
331		Group Total:	986.716	986.716
332	23973	13-16-37W 2 60 N 1630 W	225.000	-
333	22951	12-16-38W 3 100 N 2590 W	301.000	-
334	18285	35-16-38W 4 2610 N 600 W	-	-
335	31455	12-17-35W 2 2600 N 4170 W	859.489	859.489
336	12623	17-16-35W 3 SW SW S	302.000	302.000
337	27096	12-16-36W 1 785 N 50 W	-	-
338	9007	32-18-35W 1 50 N 2375 W	456.000	456.000
339	12174	12-17-35W 1 5100 N 5100 W	457.230	457.230

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
341	13612	02-17-38W 2 3315 N 1850 W	-	-
342	5686	22-19-37W 1 CN N	492.321	492.321
343	3211	30-16-37W 2 5100 N 4340 W	340.000	340.000
344	967	19-16-35W 1 60 N 5100 W	-	-
345	20642	33-16-35W 2 1300 N 5235 W	480.702	480.702
346	9639	20-17-38W 2 100 N 1100 W	7.500	-
347	18966	05-17-35W 2 5216 N 1297 W	219.638	219.638
348	4550	16-18-37W 1 39 N 3772 W	600.000	-
349	845-D1	16-16-38W 1 4210 N 5150 W	397.311	-
350	8043	31-16-36W 2 CW NW S	-	-
351	12482	31-19-38W 2 CW S	558.750	558.750
352	16306	06-19-35W 4 NC N2 S2 S	538.859	538.859
353	10313	22-16-37W 1 NW NW S	347.279	347.279

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
355	14976	08-19-35W 1 4930 N 4675 W	442.018	442.018
356	1965	26-17-37W 5 1930 N 1485 W	78.467	-
357	9421	05-16-35W 3 NE NW S	296.575	296.575
358	14693	18-18-37W 2 3960 N 2500 W	320.000	-
360	15741	04-16-38W 4 1320 N 2600 W	629.448	629.448
361	27215	12-17-36W 3 1600 N 3980 W	-	-
362	3313	03-18-35W 1 NW NW N	-	-
363	13713	29-17-38W 2 3000 N 5250 W	572.738	-
364	2311	26-16-38W 1 SW NW S	-	-
365	25299	32-16-37W 5 5250 N 20 W	658.939	658.939
366	8085	22-17-38W 1 SW SE N	-	-
367	182	20-16-35W 1 SW NW S	-	-
368	15056	12-18-37W 3 130 N 1551 W	567.091	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
369	9331	07-16-37W 2 SW NW S	-	-
370	13105	29-16-36W 2 CW SW N	482.957	-
371	17572	20-17-35W 4 2730 N 1350 W	436.510	436.510
374	15556	15-18-35W 2 NE NE S		
374	15556	15-18-35W 3 NW NE S		
374		Group Total:	431.364	-
375	6746	18-18-38W 1 NW SW S	-	-
376	16556	01-17-35W 3 NW NW N	350.000	-
378	4227	34-16-36W 1 250 N 5150 W		
378	9557	34-16-36W 1 250 N 5150 W		
378		Group Total:	337.745	337.745
379	39391	04-18-38W 9 60 N 550 W	288.275	288.275
380	10141	28-16-37W 1 5100 N 2560 W	549.000	549.000
381	13531	18-16-36W 2 150 N 4637 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
382	6824	15-16-38W 2 CW SW S		
382	6824	15-16-38W 3 5172 N 1929 W		
382	854	15-16-38W 3 5172 N 1929 W		
382		Group Total:	1,484.675	1,484.675
383	16250	16-17-38W 1 2700 N 5200 W	-	-
384	1074	13-16-35W 1 1366 N 2600 W	-	-
385	21683	17-16-36W 4 2745 N 4773 W	-	-
386	10088	08-17-37W 2 2616 N 4073 W		
386	10088	08-17-37W 3 2600 N 5016 W		
386	10088	08-17-37W 7 2603 N 2151 W		
386	12133	08-17-37W 7 2603 N 2151 W		
386	3586	08-17-37W 2 2616 N 4073 W		
386	3586	08-17-37W 3 2600 N 5016 W		
386	3586	08-17-37W 7 2603 N 2151 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
386		Group Total:	649.531	649.531
387	21297	16-16-35W 5 1337 N 1369 W	48.300	-
388	19691	27-16-38W 7 2840 N 3300 W	-	-
389	25253	17-18-37W 9 3350 N 2940 W	425.752	425.752
390	13656	11-19-37W 1 2550 N 175 W		
390	6860	11-19-37W 1 2550 N 175 W		
390		Group Total:	244.208	244.208
391	8106	23-16-36W 2 SW SW N	471.743	471.743
392	2040	26-17-38W 1 5220 N 2580 W	-	-
393	22684	16-16-35W 7 82 N 2618 W	192.925	-
395	15259	25-16-37W 3 2645 N 2550 W	320.582	320.582
396	1599	31-16-37W 1 5180 N 3840 W		
396	4052	31-16-37W 1 5180 N 3840 W		
396		Group Total:	-	-
397	4156	35-16-36W 6 500 N 5150 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
398	14589	36-16-38W 2 3000 N 2635 W	334.739	334.739
399	1070	19-17-35W 3 4503 N 5237 W	437.014	437.014
400	760	27-18-35W 3 SE SW S		
400	760	27-18-35W 4 NW SW S		
400		Group Total:	444.360	-
401	13805	27-16-35W 3 2277 N 3381 W	181.000	181.000
402	17274	28-16-36W 2 2600 N 5209 W	385.633	385.633
403	16257	25-16-35W 3 SW SW N	238.000	238.000
404	20071	15-19-37W 2 2200 N 200 W	590.796	590.796
405	24785-D3	28-17-35W 3 2070 N 3980 W	535.070	535.070
406	33779	10-18-35W 2 5242 N 5196 W	313.214	313.214
407	8927	12-18-38W 1 SW SW N	-	-
408	13656	12-19-37W 1 1970 N 3960 W	129.998	129.998
409	21502	29-17-38W 4 1200 N 5250 W	182.000	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
410	8922	34-17-37W 2 4960 N 5245 W	512.220	512.220
411	16514	20-18-35W 3 5080 N 5080 W	453.144	453.144
412	10204	06-16-37W 2 SW SE S	-	-
413	23377	13-17-37W 2 2560 N 3950 W	112.719	112.719
414	8352	31-16-35W 2 NW NE S		
414	9505	31-16-35W 2 NW NE S		
414		Group Total:	415.634	415.634
415	21297	16-16-35W 6 82 N 4057 W	190.931	-
416	19691	27-16-38W 4 2130 N 5170 W	-	-
417	34703	18-16-35W 2 1800 N 5100 W	466.205	466.205
418	13787	23-18-36W 1 NC W2 N	124.516	124.516
419	18284	09-16-36W 1 60 N 1290 W	-	-
420	24787	06-17-35W 1 5110 N 1430 W	446.850	446.850
421	9724	01-17-38W 4 NE NE N	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
422	1229	33-17-36W 5 1705 N 5200 W		
422	24029	33-17-36W 4 65 N 4230 W		
422	6286	33-17-36W 5 1705 N 5200 W		
422		Group Total:	748.430	748.430
423	15304	36-18-35W 3 3560 N 3760 W		
423	15304	36-18-35W 4 1860 N 2680 W		
423	15304	36-18-35W 5 2074 N 5031 W		
423	280	36-18-35W 5 2074 N 5031 W		
423	8326	36-18-35W 3 3560 N 3760 W		
423	989	36-18-35W 2 3560 N 5220 W		
423		Group Total:	979.736	979.736
424	13716	05-17-36W 2 4435 N 2595 W	320.000	320.000
425	7247	29-16-37W 2 2200 N 5250 W	615.279	615.279
426	19704	05-18-37W 2 2205 N 2634 W	236.680	236.680

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
427	10791	12-18-35W 1 SW SW S	305.730	305.730
428	10578	10-18-37W 3 2672 N 5231 W	334.420	334.420
429	3725	03-16-38W 1 1890 N 5240 W		
429	8758	03-16-38W 1 1890 N 5240 W		
429		Group Total:	680.363	680.363
430	9149	23-16-36W 3 1250 N 3850 W	156.450	-
431	8867	21-18-37W 2 CW NW N	-	-
432	14258-D1	08-17-35W 2 1135 N 1815 W	351.138	351.138
433	4172	29-16-37W 4 4880 N 5160 W	463.298	-
435	19301	02-19-37W 1 1198 N 4966 W	-	-
436	12758	29-16-35W 1 SW NW N	487.500	487.500
438	9587	03-18-36W 2 W2 W2 NW N	-	-
439	9821	05-18-35W 2 NW NW N	-	-
440	10062	14-16-36W 1 NW NW N	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
441	10682	22-17-37W 1 SW SW S	772.055	772.055
442	13977	02-16-37W 1 SW SW S	-	-
443	17427	02-17-36W 1 2570 N 5220 W	527.963	-
444	25027	32-17-36W 4 2500 N 2600 W	230.658	-
445	10226	08-17-36W 2 4590 N 1255 W	276.127	276.127
446	6427	24-17-35W 1 SW SW N	479.186	479.186
447	15448	28-18-35W 5 2700 N 620 W	-	-
448	247	28-18-37W 2 3086 N 2555 W	554.330	#N/A
449	18965	04-16-38W 5 1420 N 5110 W	543.268	543.268
450	16113	32-16-38W 2 1800 N 4700 W	-	-
451	18384	30-16-37W 5 5100 N 3366 W	180.091	180.091
452	9588	29-17-35W 2 SW NW S	975.000	975.000
453	20443	14-16-36W 4 4840 N 5180 W	120.893	120.893

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
454	9800	12-16-38W 1 5250 N 4875 W	-	-
455	24158	07-17-37W 2 3960 N 4350 W	222.256	222.256
457	17875	36-16-38W 4 5260 N 2635 W	188.068	188.068
458	25289	22-17-38W 5 2700 N 2670 W	-	-
459	9446	36-17-36W 2 2480 N 1040 W	291.236	291.236
460	21545	33-16-38W 3 3651 N 67 W	309.546	309.546
461	19596	17-18-38W 2 2850 N 4917 W	318.190	318.190
462	10095	21-18-36W 1 NW NW N		
462	10095	21-18-36W 2 NW NE N		
462		Group Total:	658.902	658.902
463	15047	22-17-36W 1 3860 N 2600 W		
463	4189	22-17-36W 1 3860 N 2600 W		
463		Group Total:	340.770	-
464	5975	03-17-38W 1 3599 N 1518 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
465	23326	24-16-37W 4 1475 N 2580 W	441.406	-
466	25298	15-16-37W 2 2099 N 5221 W	197.500	-
467	9100	28-17-37W 1 380 N 5237 W	250.000	250.000
468	10336	01-18-38W 1 NW NW S	259.107	259.107
469	22622	17-16-36W 5 955 N 2000 W	384.000	384.000
470	13919	31-17-35W 4 1190 N 1715 W	282.194	-
472	10140	20-18-38W 3 30 N 3700 W	113.143	113.143
473	22279	22-16-38W 2 3780 N 3780 W	883.763	883.763
474	7270	27-17-36W 2 SW SW S	-	-
475	14568	14-16-38W 2 3275 N 2610 W	1,154.507	1,154.507
476	1334	02-18-36W 1 1220 N 2620 W		
476	4861	02-18-36W 1 1220 N 2620 W		
476		Group Total:	370.463	-
478	11718	12-17-36W 1 4450 N 4550 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
478	22243	12-17-36W 1 4450 N 4550 W		
478		Group Total:	-	-
479	9460	35-17-35W 1 NW NW S	-	-
480	23193	03-18-38W 3 5223 N 3723 W	238.726	238.726
481	26246	16-16-36W 4 100 N 4000 W	423.311	423.311
482	11002	30-17-35W 4 4080 N 5060 W	416.293	416.293
483	7630	25-16-37W 1 3956 N 5222 W	402.718	402.718
485	3313	02-18-35W 3 NW NW N	-	-
486	3047	09-18-35W 1 SW SW N	634.000	-
487	7974	23-16-37W 1 1250 N 2500 W	479.625	-
488	14376	26-16-35W 3 5150 N 2550 W	230.794	-
489	9499	21-16-36W 2 CW SW S	617.555	617.555
490	15520-D2	28-17-38W 3 3960 N 1310 W	-	-
491	21805	12-17-38W 1 950 N 2485 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
492	22743	14-18-38W 2 2500 N 150 W	-	-
493	20630	22-19-37W 2 4115 N 1838 W	105.929	105.929
494	14462	06-19-35W 1 NW SW S	443.845	443.845
495	13471	25-16-35W 1 CW S	471.964	471.964
496	13787	22-18-36W 1 NC N	178.452	178.452
497	30146	14-18-36W 2 2600 N 100 W	-	-
498	2369	20-16-37W 1 NW SW S	341.786	341.786
499	20443	15-16-36W 2 5240 N 2600 W	87.264	87.264
500	1114	07-18-35W 3 4330 N 1250 W	-	-
501	31771	17-16-38W 2 2676 N 1344 W	202.055	202.055
502	4971	29-16-38W 1 NW NW N		
502	9877	29-16-38W 1 NW NW N		
502		Group Total:	-	-
503	3455	17-16-37W 1 SW NW N	243.641	243.641

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
504	21297	16-16-35W 1 290 N 1330 W		
504	8833	16-16-35W 1 290 N 1330 W		
504		Group Total:	494.148	-
505	26530	27-18-36W 2 3320 N 4000 W	407.105	407.105
506	25570	06-18-36W 3 2006 N 1320 W	594.257	594.257
507	20289	34-17-35W 3 4002 N 5162 W	594.402	594.402
508	24091	22-18-38W 4 160 N 4320 W	60.052	-
509	13104	17-17-35W 1 CW SW S	410.000	410.000
510	4969	06-18-35W 1 4880 N 5000 W	-	-
512	35106	13-16-38W 2 1648 N 2628 W	520.566	520.566
513	13717	33-18-36W 1 NE NW N	267.882	267.882
514	10063	04-18-37W 3 SE SW N	-	-
515	7572	25-18-37W 3 NW NW S	-	-
516	11626	31-18-37W 1 2265 N 3625 W	339.075	339.075

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
517	4147	08-18-35W 2 4300 N 4660 W	-	-
519	25007	23-16-35W 5 2720 N 3950 W	-	-
520	11709	22-17-35W 2 NW NW S	140.750	-
521	15525	08-17-35W 3 2800 N 3700 W	-	-
522	1319	33-16-37W 1 86 N 2635 W	333.250	-
523	24091	22-18-38W 3 95 N 5200 W	88.188	88.188
524	3590	32-16-37W 2 2600 N 2600 W		
524	7247	32-16-37W 2 2600 N 2600 W		
524	8257	32-16-37W 2 2600 N 2600 W		
524		Group Total:	126.850	126.850
525	11177	17-16-37W 3 3900 N 5230 W	312.515	312.515
526	10975	02-17-37W 1 NC S2 N2 S	-	-
527	18681-D1	05-16-38W 3 5568 N 2612 W	680.687	680.687
528	17691	17-16-36W 2 2750 N 3945 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
529	17274	28-16-36W 1 1600 N 2600 W		
529	8914	28-16-36W 1 1600 N 2600 W		
529		Group Total:	325.805	325.805
530	13140	35-16-35W 2 SW NW N	441.761	441.761
531	13902	25-16-35W 2 NW SW S	451.607	451.607
532	16011	07-17-38W 1 1650 N 1450 W	-	-
534	19934	16-16-38W 3 1267 N 1773 W	244.028	-
535	3769	15-18-37W 2 CW SW S	620.825	620.825
536	17411	17-17-38W 2 5090 N 2560 W	311.170	311.170
537	11959	12-18-37W 2 SW SE S	-	-
538	1084	07-18-35W 4 NC W2 NW S	-	-
539	18316	24-17-35W 2 5240 N 2560 W	678.579	678.579
540	12306	31-17-37W 1 SW C	-	-
541	16430	20-17-36W 2 210 N 2380 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
541	16431	20-17-36W 2 210 N 2380 W		
541		Group Total:	460.484	460.484
542	12006	19-17-35W 1 3076 N 5200 W	548.239	548.239
543	1357	30-16-35W 1 5250 N 1900 W	-	-
544	11332	33-17-35W 2 NW NW S	-	-
545	11640	36-17-36W 3 2395 N 5215 W	435.573	435.573
546	12000	29-18-36W 2 5230 N 50 W	452.791	452.791
548	4762	27-17-36W 1 C	452.646	452.646
549	9724	01-17-38W 1 NE NE N	749.470	-
550	5141	28-17-36W 2 SW SW S	320.000	-
552	25033	10-16-38W 4 2450 N 2600 W	1,059.723	1,059.723
553	34099	32-16-36W 2 2600 N 5240 W	310.185	310.185
554	1433	20-18-38W 5 SW SW N	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
555	12732	25-18-37W 1 2500 N 3700 W		
555	7572	25-18-37W 1 2500 N 3700 W		
555		Group Total:	-	-
557	10527	22-16-37W 2 NW SW N	495.671	-
558	11824	25-16-36W 2 4500 N 2500 W	386.754	386.754
559	14986	07-16-35W 1 5190 N 320 W	-	-
560	18051	18-18-36W 2 5180 N 4847 W	-	-
561	13612	02-17-38W 1 3615 N 1780 W	-	-
562	11277	08-18-38W 1 4473 N 4115 W	-	-
563	2288	19-18-38W 9 5215 N 1580 W	725.280	725.280
565	12610	22-17-38W 2 SW SW S	-	-
566	7151	34-16-35W 1 505 N 5190 W	376.827	376.827
567	24784	17-18-36W 4 3560 N 3300 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
568	31756	09-17-36W 1 1153 N 4707 W		
568	47068	09-17-36W 1 1153 N 4707 W		
568		Group Total:	246.645	246.645
569	9774	21-16-38W 1 3960 N 1295 W	-	-
570	12001	24-16-37W 1 850 N 5150 W	358.681	358.681
571	13402	19-16-36W 1 NC W2 W2 N	743.250	743.250
572	1433	20-18-38W 4 SE NE N	-	-
573	7959	22-16-38W 3 5114 N 2586 W	1,026.000	1,026.000
574	18513	16-16-36W 2 3400 N 5200 W	-	-
575	1358	30-16-37W 1 NW SW N	131.893	131.893
576	13787	23-18-36W 2 CS S2 SW N	249.686	249.686
577	18284	09-16-36W 2 100 N 2600 W	-	-
578	18161	28-16-35W 1 3810 N 5080 W	384.375	384.375
579	17612	22-18-37W 5 3494 N 5260 W	174.200	174.200

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
580	10888	25-17-37W 1 NC S2 S	2.550	-
582	10569-D1	17-18-37W 1 2506 N 5168 W		
582	2027	17-18-37W 1 2506 N 5168 W		
582		Group Total:	-	-
583	10251	19-17-37W 3 1596 N 3280 W	746.164	746.164
584	9319	21-18-37W 3 NW NW S	-	-
585	20046	13-17-35W 1 1050 N 3530 W	206.250	-
586	10700-D1	14-17-36W 1 2550 N 2500 W	-	-
588	6372	10-18-38W 1 SE SE N		
588	8253	10-18-38W 1 SE SE N		
588		Group Total:	401.808	401.808
590	23427	22-17-38W 4 652 N 5265 W	-	-
591	7966	04-18-37W 1 NW SW S	-	-
592	4156	35-16-36W 5 645 N 5150 W	53.225	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
593	25282	19-18-37W 6 4708 N 3015 W	273.905	273.905
594	6823	23-16-35W 1 3750 N 5210 W	83.710	-
595	23364	18-16-37W 3 100 N 2590 W	317.790	317.790
596	13976	24-16-37W 3 NW NW N	358.061	358.061
597	7572	25-18-37W 2 SE NE S	-	-
598	2692	19-18-38W 1 3220 N 4950 W	-	-
599	9622	07-18-36W 1 5200 N 660 W	-	-
600	1998	33-18-37W 1 NE NE N	-	-
601	13547	33-16-35W 3 1310 N 2560 W	-	-
602	25117	34-17-35W 4 1585 N 4470 W	528.650	528.650
603	4854	09-16-38W 1 5260 N 2630 W	797.657	797.657
604	25118	34-18-35W 5 3960 N 3365 W		
604	7190-D1	34-18-35W 3 4629 N 2191 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
604	7190-D1	34-18-35W 4 2757 N 1592 W		
604		Group Total:	1,311.873	1,311.873
605	11494	09-18-36W 1 NW NW N		
605	3322	09-18-36W 1 NW NW N		
605		Group Total:	268.450	-
606	3065	17-18-35W 1 NW SW N	492.320	492.320
607	20232	23-16-37W 4 NC N	280.434	280.434
608	10960-D2	08-16-38W 1 5140 N 5200 W		
608	8277-D2	08-16-38W 1 5140 N 5200 W		
608		Group Total:	1,407.020	1,407.020
609	23193	04-18-38W 2 3922 N 869 W	324.807	324.807
610	14555	22-17-38W 3 3970 N 3300 W	-	-
611	24311	07-17-37W 3 850 N 3591 W	751.180	751.180
612	4800	06-18-36W 4 2320 N 3200 W	529.205	529.205
613	9637	33-16-38W 1 NE NE N	362.121	362.121

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
614	12250	24-16-37W 2 3005 N 5220 W	366.279	-
615	25035	01-18-38W 5 2700 N 1365 W	219.171	219.171
616	16795	26-16-37W 4 2558 N 5197 W	640.000	640.000
617	18284	09-16-36W 3 60 N 75 W	-	-
618	3094	23-18-37W 1 NW NW S	603.350	603.350
619	17592	25-17-37W 2 5190 N 1275 W	-	-
620	11690	34-17-37W 3 2500 N 1320 W	-	-
621	13304	26-16-35W 2 NW SW S	321.230	321.230
622	24310	15-18-37W 4 1011 N 5243 W	311.775	-
623	8074	08-18-35W 3 2220 N 4480 W	-	-
624	30146	14-18-36W 1 2600 N 5100 W	-	-
625	16893	34-17-37W 5 2550 N 100 W	-	-
626	3120	31-17-35W 2 960 N 5000 W	235.636	235.636

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
627	11025	18-17-35W 2 160 N 2440 W	595.441	595.441
628	10204	06-16-37W 3 SE SE S	-	-
629	10233	18-16-37W 1 5100 N 2450 W	299.360	299.360
631	7190-D2	35-18-35W 1 5222 N 4959 W	447.107	447.107
632	25357	25-17-36W 3 3100 N 2630 W	312.836	-
633	4867	19-16-37W 1 2600 N 2600 W	478.586	478.586
634	13713	30-17-38W 2 3960 N 2610 W	642.680	-
635	12227	26-16-35W 1 NW SW S	360.000	360.000
636	12482	31-19-38W 1 CS S	233.805	233.805
637	4771	29-17-35W 1 SW SE N	-	-
638	13820	19-16-38W 1 NE NW N	181.967	181.967
639	15448	28-18-35W 6 2830 N 30 W	-	-
640	20071	15-19-37W 1 953 N 945 W	102.000	102.000

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
641	33779	09-18-35W 2 3865 N 2575 W	718.917	718.917
642	15224	02-18-38W 3 200 N 2600 W	379.291	379.291
643	10727	23-16-37W 2 SE SW S	286.896	286.896
644	7716	24-18-37W 1 1010 N 1200 W	-	-
645	25163	08-17-38W 1 2550 N 2500 W	-	-
646	9433	15-16-37W 1 SW SW S	304.350	-
647	21297	16-16-35W 3 108 N 5254 W		
647	8833	16-16-35W 3 108 N 5254 W		
647		Group Total:	312.600	-
648	25304	31-17-35W 6 1370 N 5181 W	274.515	274.515
650	12029	28-17-35W 2 NW SE N	-	-
651	25246	22-16-37W 3 1300 N 5230 W	506.320	506.320
652	13470	01-17-35W 2 2340 N 5260 W	640.000	640.000
653	8799	14-16-38W 1 NW NW N	640.000	640.000

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
654	10275	17-18-37W 3 SW NW N	-	-
655	23898	05-17-37W 3 2730 N 2520 W	-	-
657	16514	20-18-35W 1 4995 N 2610 W	295.000	295.000
658	9347	28-18-35W 7 25 N 1410 W	233.057	233.057
659	10960-D1	05-16-38W 1 5105 N 5258 W		
659	8277-D1	05-16-38W 1 5105 N 5258 W		
659		Group Total:	1,115.730	1,115.730
660	3488	21-17-38W 1 NC N2 SE N		
660	9504	21-17-38W 1 NC N2 SE N		
660		Group Total:	-	-
662	12918	29-16-35W 3 2610 N 2530 W	201.793	201.793
664	5702	25-17-36W 1 625 N 4360 W	453.214	453.214
665	25192	28-17-36W 4 4993 N 5382 W	446.496	446.496
667	32810	22-17-36W 2 1000 N 2590 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
668	14718	27-16-37W 2 NW NW S	451.934	451.934
669	18793	11-17-36W 1 NC W2 E2 N	-	-
670	18417	35-16-35W 3 CW N	667.179	667.179
671	10392	23-18-37W 4 660 N 2550 W	-	-
672	25892	32-17-37W 2 1188 N 5244 W	-	-
673	13749-D2	23-16-37W 3 3985 N 1400 W	386.000	386.000
674	15436	03-17-36W 1 4010 N 1290 W	455.009	455.009
675	21937	25-16-37W 5 120 N 2565 W	404.486	404.486
676	26307	02-16-38W 3 44 N 2077 W	-	-
677	182	20-16-35W 2 SW SW S	-	-
678	10578	03-18-37W 2 525 N 5233 W	124.125	124.125
679	25369	15-18-36W 2 1477 N 1400 W	55.700	-
680	9724	01-17-38W 5 5245 N 983 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
681	4130	14-17-38W 1 SW NW S		
681	8145	14-17-38W 1 SW NW S		
681		Group Total:	617.191	617.191
682	24280	05-17-36W 3 2585 N 2600 W	330.988	330.988
683	13531	18-16-36W 3 200 N 2590 W	-	-
684	9735	28-16-38W 2 NC NW S	610.671	610.671
685	17117	05-17-38W 1 2957 N 3220 W	500.000	500.000
686	11140	04-18-35W 2 NW NW N	521.163	-
687	23371	17-18-37W 8 2730 N 1150 W	272.548	272.548
689	12305	19-18-37W 4 4870 N 4290 W	-	-
690	13457	33-17-38W 1 3340 N 5230 W	614.480	614.480
691	10735	36-16-35W 1 2550 N 5200 W	-	-
692	10390	32-17-36W 2 SE SW S		
692	9653	32-17-36W 2 SE SW S		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
692		Group Total:	302.888	-
693	15007	05-18-35W 3 2570 N 2480 W	-	-
695	11396	29-17-37W 3 495 N 925 W		
695	4992	29-17-37W 1 NW NW N		
695		Group Total:	1,431.374	1,431.374
696	3815	35-17-36W 2 SW SW S	12.985	12.985
697	15006	25-17-36W 2 4280 N 5120 W		
697	7453	25-17-36W 2 4280 N 5120 W		
697		Group Total:	-	-
698	10178	05-17-35W 4 4925 N 2570 W	349.104	349.104
699	19368	22-18-36W 2 1700 N 4000 W	499.811	499.811
700	11607	10-17-38W 3 5200 N 785 W		
700	7773	10-17-38W 3 5200 N 785 W		
700		Group Total:	628.929	628.929
701	6095	23-18-37W 2 SW SW N	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
702	1337	08-17-37W 6 5100 N 3090 W		
702	5733	08-17-37W 6 5100 N 3090 W		
702		Group Total:	9.500	-
703	15392	31-18-35W 2 SE SW S	123.615	-
704	14258-D2	16-17-35W 1 4185 N 5220 W	403.808	403.808
705	10236	23-17-38W 1 5260 N 1320 W	707.025	707.025
706	8904	17-18-36W 2 4950 N 4700 W	-	-
707	2643	28-18-36W 1 NW NE S	16.350	-
708	321	20-18-37W 7 4460 N 5260 W	287.721	287.721
710	7813	19-17-35W 4 108 N 4898 W	452.679	452.679
711	11586	26-18-37W 4 4980 N 5275 W	233.116	233.116
712	344-D2	35-17-36W 4 5243 N 2382 W	658.894	658.894
713	7260	29-16-36W 6 3113 N 5260 W	385.377	385.377
714	43393	35-19-38W 3 5200 N 3750 W	287.356	287.356

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
715	10132	01-17-36W 4 4100 N 310 W	114.317	-
717	6844-A2	23-17-36W 7 1358 N 3602 W	-	-
718	10570-D1	11-18-38W 3 2410 N 1875 W		
718	9059-D1	11-18-38W 3 2410 N 1875 W		
718		Group Total:	251.000	251.000
719	1439	31-16-36W 6 2985 N 2560 W	410.527	410.527
720	30574	23-16-38W 2 4936 N 2203 W	687.800	687.800
721	4143	27-16-35W 4 4139 N 5230 W	506.793	506.793
722	9849	28-18-35W 8 75 N 2700 W	116.943	116.943
723	11028	35-16-37W 3 2900 N 2590 W		
723	11893	35-16-37W 3 2900 N 2590 W		
723		Group Total:	640.000	640.000
725	403	05-19-35W 2 2385 N 4705 W	296.770	296.770
726	4839	23-16-36W 5 3475 N 2525 W		

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
726	9149	23-16-36W 5 3475 N 2525 W		
726		Group Total:	708.139	708.139
728	4688	21-18-35W 1 5140 N 5180 W		
728	4688	21-18-35W 3 5140 N 4880 W		
728	4688	21-18-35W 4 5140 N 5030 W		
728	8700	21-18-35W 1 5140 N 5180 W		
728	8700	21-18-35W 3 5140 N 4880 W		
728	8700	21-18-35W 4 5140 N 5030 W		
728		Group Total:	526.000	526.000
729	44206	11-19-38W 2 4924 N 2802 W	-	-
731	208	30-17-35W 5 2035 N 5020 W	540.777	540.777
733	342	18-18-36W 5 160 N 1033 W	-	-
734	44206	11-19-38W 3 5230 N 3146 W	-	-
735	44206	11-19-38W 4 4788 N 3311 W	-	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
736	44206	11-19-38W 5 4980 N 3086 W	437.090	437.090
737	10228	34-17-38W 9 100 N 5250 W	164.214	164.214
738	6560	14-18-38W 3 5130 N 1210 W	316.999	316.999
739	2288	19-18-38W 8 3477 N 1638 W	460.809	460.809
740	664	10-16-38W 5 4913 N 2453 W	800.000	800.000
741	27302	27-16-36W 2 4980 N 5185 W	749.904	749.904
742	6805	06-18-36W 5 3895 N 1385 W	502.029	502.029
743	1553	15-17-37W 2 3850 N 3610 W	174.564	174.564
744	11254-D2	06-17-37W 6 2600 N 210 W	382.435	382.435
745	24281	08-17-36W 7 4830 N 2610 W	302.472	302.472
746	10571	34-16-38W 4 2475 N 3395 W		
746	21614	34-16-38W 4 2475 N 3395 W		
746		Group Total:	682.409	682.409
748	3443	17-18-35W 7 2620 N 40 W	886.600	886.600

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
749	4342	25-16-36W 5 4729 N 5260 W	506.893	506.893
751	9557	34-16-36W 5 2979 N 4903 W	279.882	279.882
752	24071	14-16-36W 6 1821 N 5217 W	654.348	654.348
753	23564	19-18-37W 7 4291 N 1180 W	369.471	369.471
754	8139	13-17-36W 4 4201 N 4722 W	209.871	209.871
755	845-D2	16-16-38W 4 2960 N 2552 W	234.906	-
757	8139	13-17-36W 5 28 N 4151 W	387.000	387.000
758	10960-D1	06-16-38W 3 2513 N 2351 W		
758	8277-D1	06-16-38W 3 2513 N 2351 W		
758		Group Total:	1,227.490	1,227.490
759	6847	10-18-38W 3 5257 N 4544 W		
759	8253	10-18-38W 3 5257 N 4544 W		
759		Group Total:	666.884	666.884
760	8979	25-17-36W 4 615 N 2606 W	72.446	-

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
761	5087	16-18-35W 5 3960 N 2610 W	263.571	263.571
762	2776	16-18-35W 6 3920 N 4210 W	167.140	167.140
763	11878	02-18-37W 3 4059 N 59 W		
763	8485	02-18-37W 3 4059 N 59 W		
763		Group Total:	237.293	237.293
764	7348	18-18-37W 5 5220 N 4525 W	577.741	577.741
765	13810	20-17-37W 3 4480 N 210 W	172.595	172.595
766	6765	13-17-37W 5 354 N 2700 W	311.266	311.266
767	8663	32-16-36W 4 691 N 2560 W	120.122	120.122
768	2655	22-18-37W 12 4898 N 5215 W	461.500	461.500
769	4732	24-16-36W 5 1835 N 5200 W	145.100	145.100
770	4341	26-16-36W 2 4965 N 2590 W	603.134	603.134
771	38755	31-16-36W 7 200 N 5058 W	137.671	137.671
772	3815	34-17-36W 4 3030 N 4250 W	88.571	88.571

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
773	17821	01-18-38W 6 5095 N 4350 W	-	-
775	12794	24-17-37W 7 416 N 4926 W	293.333	293.333
776	8671	10-18-37W 7 3937 N 5232 W	442.825	442.825
777	10219	06-18-37W 3 4109 N 2238 W	320.000	320.000
778	15528	28-17-37W 5 686 N 2546 W	689.212	689.212
779	24805	25-18-37W 8 5148 N 4082 W	300.188	300.188
780	11878	02-18-37W 4 4620 N 1075 W		
780	8485	02-18-37W 4 4620 N 1075 W		
780		Group Total:	326.107	326.107
782	20443	15-16-36W 7 374 N 2524 W	649.264	649.264
783	1870	26-18-37W 5 4592 N 1483 W	329.606	329.606
784	3993	26-18-37W 6 5222 N 957 W	241.930	241.930
786	20356	10-16-38W 6 3777 N 5170 W	563.229	563.229
787	8047	24-16-38W 5 150 N 2639 W	425.454	425.454

Allocation Group	Water Right File #	Point of Diversion	Original 5-Year Allocation Acre-Feet	Base Renewal Allocation Acre-Feet
788	9267	20-18-37W 8 4340 N 4254 W	105.579	105.579
790	6844-A1	23-17-36W 8 2700 N 4890 W	-	-
791	7548	22-16-36W 2 4933 N 4980 W	502.000	502.000
792	1685	24-16-38W 6 2276 N 5279 W	351.739	351.739
793	11030	13-16-38W 4 3880 N 3630 W	916.000	916.000
794	25191	24-17-37W 8 1000 N 2521 W	263.223	263.223
795	6524	16-18-37W 6 3277 N 4599 W	971.130	971.130
796	14132	34-17-37W 6 4782 N 2441 W	-	-
798	4732	24-16-36W 6 2575 N 2580 W	260.298	260.298

ATTACHMENT B
5-YEAR ALLOCATION
FLEXIBILITY REQUEST FORM

Pursuant to the Wichita County LEMA Renewal Plan for the period 2026-2030, as authorized by HB 2634 of 2024, I would request the flexibility to pump more than my authorized quantity on the specific points of diversion / water rights listed below.

By signing this Form, and if approved by the Board of GMD1, I understand that my annual water use on an individual points of diversion / water rights may be more than its annual authorized quantity, provided that the 5-year water use for the period 2026-2030 for such individual point of diversion / water right is less than its LEMA allocated quantity. I understand that if this form is not filled out to completion, the application will be dismissed.

Owner Name: _____
 Owner Address: _____
 City: _____ State: _____ Zip: _____ Phone: _____

Water Right File No(s) (Use Additional Sheets if Needed)	Well PDIV	Section	Township	Range	Annual Authorized Quantity	LEMA Allocated Quantity
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
Totals						

ALL WATER RIGHT OWNERS AND WATER USE CORRESPONDENTS APPLICABLE TO THIS COMBINED WELL UNIT MUST SIGN IN THE PRESENCE OF A NOTARY.

MUST BE ACCOMPANIED BY THE CONSENT FORM.

FLEXIBLE CONSENT FORM

MUST BE SIGNED IN PRESENCE OF A NOTARY by ALL WATER RIGHT OWNERS AND WATER USE CORRESPONDENTS (WUC).

I, _____ and _____, understand and agree with the terms of this
(Printed Name) (Printed Spouse Name)
Flexibility Request Form.

Signature Date Spouse Signature Date
Owner WUC
(Circle one)

State of Kansas)
) SS
County of _____)

I hereby certify that the foregoing form was signed in my presence and sworn to before me this _____
day of _____, 20 _____.

Notary Public
My Commission Expires _____

I, _____ and _____, understand and agree with the terms of this
(Printed Name) (Printed Spouse Name)
Combined Well Unit.

Signature Date Spouse Signature Date
Owner WUC
(Circle one)

State of Kansas)
) SS
County of _____)

I hereby certify that the foregoing form was signed in my presence and sworn to before me this _____
day of _____, 20 _____.

Notary Public
My Commission Expires _____

**ATTACHMENT C
COMBINED WELL UNIT FORM**

By signing this Combined Well Unit Form, I understand that all of the wells included in this Combined Well Unit must be physically tied together prior to the starting date of the WHCL (January 1, 20__) and that in order to be approved, water right changes may be required by the Kansas Department of Agriculture, Division of Water Resources.

Owner Name: _____

Owner Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Water Right File No(s) (Use Additional Sheets if Needed)	Well ID	Section	Township	Range	Annual Authorized Quantity	LEMA Allocated Quantity
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
Totals					_____	_____

_____ A map is attached showing the locations of the pipeline for this Combined Well Unit.

ALL WATER RIGHT OWNERS AND WATER USE CORRESPONDENTS APPLICABLE TO THIS COMBINED WELL UNIT MUST SIGN IN THE PRESENCE OF A NOTARY.

MUST BE ACCOMPANIED BY THE CONSENT FORM.

COMBINED WELL UNIT CONSENT FORM

MUST BE SIGNED IN PRESENCE OF A NOTARY by ALL WATER RIGHT OWNERS AND WATER USE CORRESPONDENTS (WUC).

I, _____ and _____, understand and agree with the terms of this
(Printed Name) (Printed Spouse Name)
Combined Well Unit.

Signature Date Spouse Signature Date
Owner WUC
(Circle one)

State of Kansas)
) SS
County of _____)

I hereby certify that the foregoing form was signed in my presence and sworn to before me this _____
day of _____, 20 _____.

Notary Public
My Commission Expires _____

I, _____ and _____, understand and agree with the terms of this
(Printed Name) (Printed Spouse Name)
Combined Well Unit.

Signature Date Spouse Signature Date
Owner WUC
(Circle one)

State of Kansas)
) SS
County of _____)

I hereby certify that the foregoing form was signed in my presence and sworn to before me this _____
day of _____, 20 _____.

Notary Public
My Commission Expires _____

Attach Map showing the Combined Well Unit:

Attachment D – Demonstration that the LEMA’s Corrective Controls Will Meet Its Stated Goal for the Renewal Period

The stated goal of the Wichita County LEMA Renewal Plan (WC LEMA or Renewal Plan) for the years 2026–2030 is to limit irrigation water use under Appropriation Rights within the proposed geographic boundaries to 252,425 acre-feet (AF). This document explains how that goal was developed, outlines the uncertainties involved, and demonstrates why it is reasonable to expect that the Renewal goal will be achieved.

Development of the Renewal Goal

As described in the Executive Summary of the Renewal Plan, the Base Allocation for the 2026–2030 period begins with the allocations established in the original 2021–2025 LEMA, with certain exceptions and adjustments.

Details of the allocation development for the original LEMA are provided in Appendices A and B of the District’s testimony to the November 20, 2020, Second LEMA Hearing **(attached as Exhibit 1)**. **Appendix A** describes the allocation methodology, while **Appendix B** updates **Attachment A** of the Plan to clarify the table, incorporate approved changes since the original dataset, and correct one error identified.

The original LEMA’s stated goal was the sum of the allocations in **Attachment A**. That goal included allocations for vested rights equal to five times their annual authorized quantities but did not include additional allocations granted through the subsequent appeals authorized by the Plan. The original goal was to limit irrigation within the LEMA boundaries, including vested rights, to 246,883 AF over five years.

For the Renewal Plan, adjustments to the original goal include:

- Removing vested water rights and their allocations (*20,645 AF*).
- Adding 8,790 AF to reflect allocations granted through appeals during the Initial LEMA.
- Removing 30,462 AF for allocations assigned to points of diversion (or groups) with no use between 2021–2024 and disallowing carryover from them.
- Allowing carryover of unused allocations from the Initial LEMA, capped at two years of the average annual Base WC LEMA allocation (*estimated at 47,849 AF*).

With these adjustments, the Renewal Plan goal is to limit irrigation use under Appropriation Rights within the LEMA to 252,425 AF.

Uncertainties in Meeting the Goal

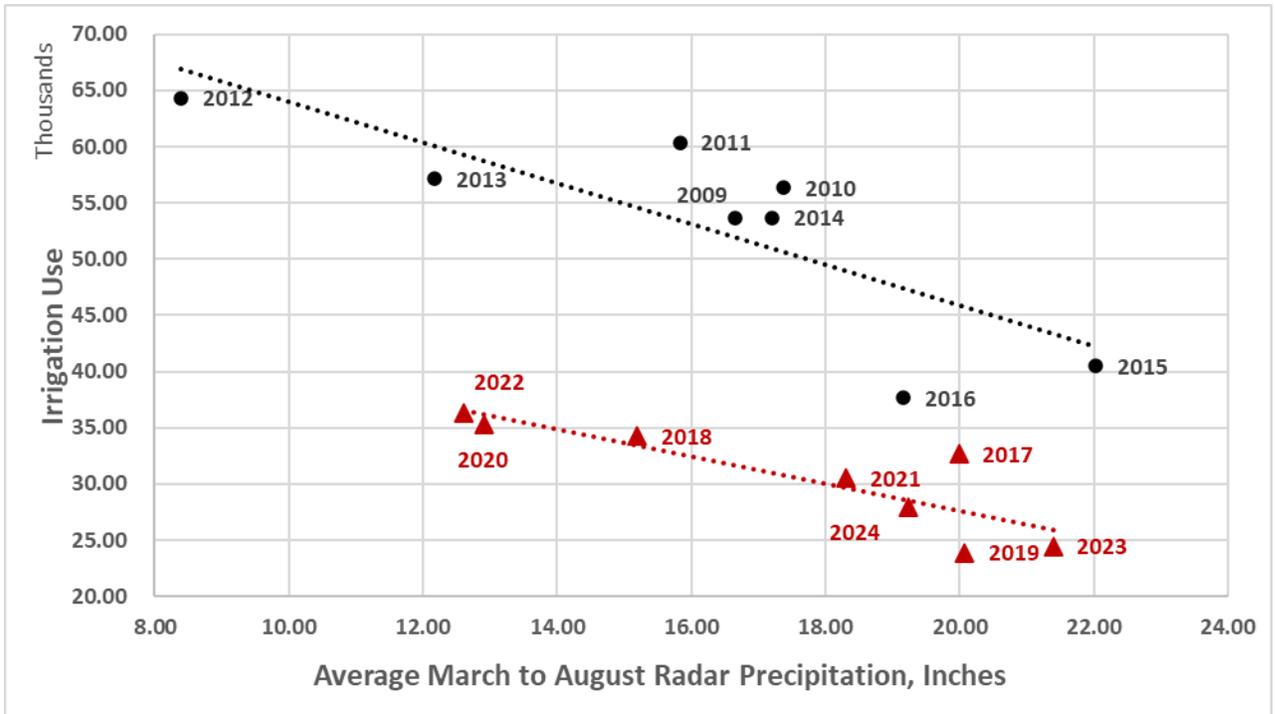
Two primary uncertainties affect whether the LEMA’s corrective controls will meet the Renewal goal:

1. Variability in the final carryover computations, which could be larger or smaller than estimated.
2. Additional allocations that may result from appeals allowed under the Renewal Plan.

Carryover Computations

Carryover estimates were developed by totaling water use for each point of diversion or group from 2021–2024 and assuming that 2025 use equals the average of those four years (29,800 AF). If 2025 use is greater than 29,800 AF, carryover will be less than the estimated 47,849 AF. If 2025 use is lower, some rights may carry over more, though nearly half are already capped by the two-year limit. Thus, the LEMA’s goal could be pressured if 2025 pumping is below expectations.

To gauge the potential magnitude of increased carryover, GMD1 reviewed the latest Kansas Geological Survey (KGS) data relating irrigation use to radar-measured precipitation (March–August) in Wichita County within GMD1. These data are shown immediately below in a graph KGS provided along with their supporting tabular data.



Year	Irr Use	Radar Precip (Mar to Aug)	% of 2009-24 average
2009	53,650.39	16.66	99.3%
2010	56,365.51	17.37	103.5%
2011	60,350.07	15.83	94.3%
2012	64,323.36	8.40	50.0%
2013	57,137.84	12.17	72.5%
2014	53,669.91	17.20	102.5%
2015	40,461.38	22.04	131.3%
2016	37,691.74	19.17	114.2%
2017	32,647.85	19.99	119.1%
2018	34,238.59	15.19	90.5%
2019	23,886.82	20.08	119.6%
2020	35,283.16	12.91	76.9%
2021	30,531.40	18.31	109.1%
2022	36,340.46	12.61	75.1%
2023	24,453.61	21.40	127.5%
2024	27,886.00	19.24	114.7%
Average 2009-2024	41,807.38	16.79	
Average 2021-2024 ▼	29,802.87 ▼	17.89	106.6%

This data shows that water use during 2021–2024 ranged from 24,453 AF in the wettest year to 36,340 AF in the driest year, with an average of 29,800 AF.

For example, if 2025 water use matches the wettest year (2023), pumping would be 5,350 AF less than the assumed average. This would increase carryover by about 3,200 AF (*assuming 60% of the reduction is carried forward*). That amount equals roughly 1.3% of the Renewal goal.

Appeals

Three categories of appeals are allowed in the Renewal Plan:

- Water rights with average allocations under 20% of their authorized quantity, with a clear demonstration of conservation in the record used to determine the allocation.
- Water rights with non-use during the first LEMA period.
- Water Rights with no original LEMA allocation.

Appeals are expected to be limited. The first category requires both a small original allocation and convincing evidence of conservation, while the latter two typically involve water rights with insufficient supply, which are likely to remain. As such, total additional allocations are expected to be well below the 8,790 AF (*3.6% of the original goal*) added through appeals in the Initial LEMA.

Counterbalancing Influences

As with the Initial LEMA, counterbalancing factors indicate that actual pumping will remain significantly below allocations:

- Water right holders rarely use 100% of their allocations.
- Participants in the Wichita County Water Conservation Area (WC WCA) have achieved reductions beyond LEMA requirements.
- Historical data shows pumping since 2017 is substantially reduced compared to the historic period, further evidencing that pumping will be less than the Renewal LEMA goal (see the next section).

Evidence from Recent Use and Precipitation

The KGS data shown above demonstrates a major change in the irrigation–precipitation relationship before and after 2017, with pumping markedly reduced since the implementation of conservation measures. From 2017 onward, pumping has ranged from approximately 26,000 AF/year in the wettest years to 36,000 AF/year in the driest years, averaging about 31,000 AF/year. This strongly supports the expectation that future pumping will remain well below the Renewal goal.

Allowing carryover into the Renewal period will further incentivize conservation, reinforcing confidence that the Renewal goal of 252,425 AF will be met.

Attachment

Exhibit 1 – Appendices A and B of the District’s testimony from the November 20, 2020, Second LEMA Hearing.

APPENDIX A—DETAILS OF ALLOCATION DEVELOPMENT

The following provides more details on how the allocations proposed by the LEMA were developed with an explanation of Attachment A to the LEMA plan on Historic use and allocations to each water right.

The Division of Water Resources queried the Water Right Information System (WRIS) for basic water right information for irrigation water rights within the LEMA area as well as reported water use for each year, 2009-2015, inclusive.

Staff at the Garden City Field office reviewed the results from this query with records in their paper files, including water use reports, and corrected any water use information not consistent with reported use as well as determining overlaps, limitations, and other circumstances affecting allowable use that is noted in Attachment A's QTY Limitation/Unit and KDA-DWR Notes columns.

Section 1: Water Right Information

This section includes the following information obtained via the process noted above: water right number, point of diversion number (PVID#), annual authorized quantities, overlap groups (Unit#), as well as limitations and KDA-DWR Notes.

Section 2: Historic Use

The data in the Historic Use section starts with the data query and review noted above. In addition, DWR staff compared the reported water use with the annual authorized quantity of the file. In any case where the reported use was in excess of the annual authorized quantity, it was reduced to the annual authorized quantity, to determine "legal" use.

"No use" in this section can mean either that there was no use reported in that year for that water right/point of diversion, or that its use was reported under another water right/point of diversion. "No use" years were NOT included in the averages computed in the column "Legal Average Use/PD."

The distinction in the "Legal Average Use/PD" column and the "Legal Average Use" in the next section is "Legal Average Use/PD" is reported use by point of diversion and "Legal Average Use" is by Water Right file.

Section 3: Average Use and LEMA Floor

"Legal Average Use" combines the reported use under multiple points of diversion under one file number.

"Multiple PD's" indicates such cases as well as similar cases where a point of diversion is authorized by multiple water rights.

The columns titled “% Ave use of Auth” and “Min Est rate” are not used to determine LEMA allocations but are provide as a reference, the result being the required pumping test rate necessary to yield pumping over 150 days to equal the “Legal Average Use.”

The LEMA Floor Allocation column is 20% of the annual authorized quantity.

Section 4: WR Info (a repeat of portions of Section 1)

This section repeats selected columns of Section 1. See above for more information.

Section 5: LEMA Allocations (w/ All Vested WR’s)

The allocations provided in this section assume that the vested rights (highlighted in yellow) voluntarily enroll in the LEMA. In this case, the vested right are provided an allocation based on the same methods as the appropriation water rights.

The “25% Conservation” provides a computation of basis of the 5-year allocation in the following column, expressed as an average annual amount. Generally this is computed as the Legal Average Use time 0.75 (a 25% conservation factor). However, if the Legal Average Use is less than the LEMA Floor Allocation, the allocation is the Legal Average Use, without any reduction. If the Legal Average Use is greater than of the LEMA Floor Allocation, the allocation is the greater of the LEMA Floor Allocation or 75% of the Legal Average Use. “N/A” (not applicable) is used where there is a “Multiple PD” entry, meaning the allocation is on another water right/point of diversion combination.

Section 6: LEMA Allocations (w/o any Vested WR’s)

The allocations provided in this section assuming the vested rights (highlighted in yellow) do NOT voluntarily enroll in the LEMA. In this case, the vested rights right is not restricted and, for purposes of determining the amount of water allocated by the LEMA Plan, are assumed to pump their annual authorized quantity in each year.

For appropriation water rights with no overlapping point of diversion with a vested right, the allocation is computed in the same manner as discussed above. However, where an appropriation water right’s point of diversion overlaps with a vested right, an allocation is provided only to the extent that the Legal Water Use exceeds the vested right’s authorized quantity.

The resulting 5-year allocations are not show in the Attachment A attached to the LEMA plan, but are 5 times the “25% Conservation” column.

**APPENDIX B—EXPLANATION OF UPDATES TO THE LEMA PLAN’S ATTACHMENT
A: LISTING OF WHCL WATER RIGHTS AND WHCL ALLOCATIONS**

Attached to this testimony is a slightly revised version of the LEMA Plan’s Attachment A (Here: Exhibit “B”), a listing of water right and allocations for each effected water right.

The updates include the following:

- Adds a “KDA-DWR Note” just above that table to better explain the meaning of the “25% Conservation” column.
- Add an additional “25% Conservation” column under the heading “LEMA Allocations (w/o any Vested WR's).”
 - In this new column, makes clear that vested rights not voluntarily enrolling are not provided a 5-year allocation but can use their full authorized quantity in each year.
- Updates the table in light of change applications approved since it was developed.
- Corrects error in the allocation for Water Right No. 11,129 (Unit 23) where overlapping Vested Right No. WH-05 is not voluntarily enrolling.

Public Outreach Memorandum

The Western Kansas Groundwater Management District No. 1 Board of Directors began discussing the parameters of the Wichita County LEMA renewal process in the Summer of 2024. The Board discussed several potential outreach opportunities and mechanisms, including public outreach meetings, mailers and social media postings encouraging community involvement to ensure all had an opportunity to participate in the discussions.

Review of Outreach Events for Renewal Discussions

August 28th, 2024 – Outreach Meeting in Leoti at the Fairgrounds at 10:30am

Presentations from KGS and GMD1 on the status of the WC WCA and WC LEMA, and community discussions/roundtable on what kind of LEMA renewal plan the public would like to see. A Public survey was handed out at this meeting with various discussion topics/questions on how the renewal plan could be structured. Survey was collected at the end of the meeting.

November 20th, 2024 – Outreach Meeting in Leoti at the Fairgrounds at 10:30am

Presentations from KGS and GMD1 on the WC WCA and the WC LEMA and different proposed options to be considered by the public. The results from the public survey conducted in August were handed out for discussion, and a 2.5 hour round table discussion with approximately 30 producers took place.

April 2nd, 2025 – Outreach Meeting in Leoti at the Fairgrounds at 11:00am

The agenda was focused on presenting the proposed WC LEMA renewal (summary included in this document) to the public for feedback & discussion prior to drafting the WC LEMA draft plan.

Additionally, a mailer was provided to all water right holders and water use correspondents in the early Spring of 2025, indicating the remaining LEMA allocation for 2025 (final year of the initial LEMA period) as well as notifying community members as to upcoming opportunities to be involved in the proposed LEMA renewal discussions.