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

This written testimony is from the Western Kansas Groundwater Management District #1 ("GMD 1") regarding its proposal for a Local Enhanced Management Area ("LEMA") for portions of Wichita County, Kansas. The proposal was submitted on March 26, 2020, and is attached as Exhibit 1 (the "Proposed LEMA"). This testimony addresses the following three questions required in this initial hearing under KAN. STAT. ANN. § 82a-1041(b) and found to be supported by the record:

a. Whether one or more of the circumstances specified in subsections (a) through (d) of KAN. STAT. ANN. § 82a-1036 exist;

b. Whether the public interests of KAN. STAT. ANN. § 82a-1020 require one or more corrective control provisions; and

c. Whether the geographic boundaries are reasonable.

In evidence of these three questions, and to support GMD 1's Proposed LEMA, Mr. Spencer states as follows:

1. The circumstances specified in subsections (a) and (b) of KAN. STAT. ANN. § 82a-1036 exist.

The hearing officer must determine that at least one of the factors listed in this statute exist. KAN. STAT. ANN. § 82a-1041(b). The circumstances listed in this statute are: (a) groundwater levels in the area in question are declining or have declined excessively; (b) the rate of withdrawal of groundwater within the area in question equals or exceeds the rate of recharge; (c) preventable waste of water is occurring or may occur within the area; or (d) unreasonable deterioration of the quality of water is occurring or may occur. KAN. STAT. ANN. § 82a-1036.

At least two of these factors exist in the area of the Proposed LEMA: that the groundwater levels in the area are declining and have declined excessively, and that the rate of withdrawal of the groundwater in the area equals or exceeds the rate of recharge.

a. *Groundwater levels in the area are declining, and have declined excessively.*

Groundwater levels of the Proposed LEMA have declined excessively in the past. This is plainly shown for all sections of the Proposed LEMA of Wichita County. *See* Exhibit 1, KGS OPEN-FILE REPORT 2019-16, "*Estimated Percent Change in Saturated Thickness, Predevelopment to Average 2017-2019 of the High Plains Aquifer in Western Kansas GMD No. 1.*" Percentage reductions in saturated thickness within the Proposed LEMA vary from a minimum of 26% to a maximum of 100%, with values in excess of 60% dominating the area in question. *Id.*

In addition, groundwater levels in Wichita County continue to decline in the more recent record. The Kansas Geological Survey estimates the average annual water level decline of the Proposed LEMA at 0.59 feet per year between the years 2009 to 2015. *See Written Testimony from Brownie Wilson*, at 5.

Finally, townships in the Proposed LEMA are at—or near—the minimum thickness levels of saturation in the High Plains Aquifer required to support irrigation and other uses. *See* Attachment F of Exhibit 2, *Estimated Usable Life Projection Map.* This map shows the estimate of the usable lifetime projection for the majority of the areas under the Proposed LEMA under the KGS's methodology is less than such required minimum thickness levels.

b. *The rate of withdrawal of the groundwater in the area equals or exceeds the rate of recharge.*

The rate of withdrawal of groundwater within the Proposed LEMA equals or exceeds the rate of recharge. On average, Wichita County averages 54,600 acre-feet of pumping per year between the years of 2009 to 2015. *See Written Testimony from Brownie Wilson*, at 5.

More specifically, data and analysis of the Kansas Geological Survey in developing its groundwater model for GMD 1 shows that recharge to the aquifer within the Proposed LEMA from all sources averages less than 20,000 acre-feet a year currently, and will decline to 10,000-12,000 acre-feet a year in the future. *See* Exhibit 3, *Western Central Kansas GMD1 Model,* at *Figure SA5.* Again, during that same time period, the areas in this Proposed LEMA pumped an average of 54,600 acre-feet per year. *See Written Testimony from Brownie Wilson*, at 5. This represents a significant deficit that will almost certainly continue without corrective controls.

Groundwater levels are declining, and they are declining because, *inter alia*, the rate of withdrawal exceeds the rate of recharge. The data GMD 1 has compiled, along with the data compiled by the Kansas Geological Survey, establishes this clearly and convincingly. Thus, the first element of KAN. STAT. ANN. § 82a-1041(b) has been met.

2. **The public interests of KAN. STAT. ANN. § 82a-1020 require one or more corrective control provisions.**

KAN. STAT. ANN. § 82a-1020 is the Legislative declaration regarding establishing groundwater management districts in Kansas. It declares that, in the public interest, it is necessary and advisable to permit the establishment of GMDs which allow local water users to determine their own destiny with respect to the use of groundwater.

It is in the public interest that this Proposed LEMA be accepted. It is in the future public interest, to ensure the longevity and health of the aquifer. It is in the current public interest, as GMD1 has narrowly tailored the restrictions to specifically address the water issue in a way to minimize disruption to Wichita County irrigation water users, consistent with current and future needs. And finally, the local water users under the Proposed LEMA have been made aware of all the details of this plan, and they have expressed their destiny: these users support this LEMA.

a. *The Proposed LEMA is in the future public interest.*

The Proposed LEMA controls for Wichita County entail, generally, a maximum 25% reduction in use of water for all irrigation Appropriation Water Rights holders for five years, with the goal to limit irrigation withdrawals to 246,882.786 acre-feet over those five years. *See* Exhibit 2; *see also* Exhibit 4, *Wichita County LEMA: Historical Use & Allocations.*

A formula has been developed to apply to each irrigation Appropriation Water Rights holder to meet this goal, and has been prepared in advance for each specific right holder. In addition, the plan provides for a process to ensure that those who have voluntarily conserved water during the 2009-15 period are allowed to have such conservation considered in the allocation. *See* Exhibits 2 and 4.

b. *The Proposed LEMA is in the current public interest.*

As stated above, the Proposed LEMA restrictions are tailored only to the extent required to address the aquifer's decline. Irrigation accounts for approximately 95% of the aquifer's use in the areas under the Proposed LEMA. *See Written Testimony from Brownie Wilson*, at 1. And of those users, this Proposed LEMA only reduces their allocated water by roughly a maximum of 25%--and each user's water rights were specifically calculated. *See* Exhibit 4.

The Proposed LEMA does not impact vested water right holders. *See* Exhibit 2. While the LEMA does not provide for allocations for municipal users, domestic users, and stockwater users, it encourages all to limit and reduce their water consumption. *Id.* Again, this was done intentionally, to address the issue with aquifer depletion by the least invasive means necessary, and focuses only on the most significant use of the aquifer: irrigation.

c. *The Proposed LEMA had been made known to the public, and has received broad support.*

The individuals impacted by the Proposed LEMA have received detailed and ongoing information regarding this LEMA plan, and these individuals have expressed their desire and consent for its implementation.

The decline in aquifer levels is well-known in Wichita County, and has been the subject of extensive discussions and actions over the years. In 2014, a GMD 1 district-wide LEMA was proposed, and the stakeholders of Wichita County voted in approval of having the LEMA imposed, by a vote of 51 in favor, and 31 against. *See* Exhibit 5, *2014 LEMA Vote Totals*. Ultimately, that LEMA did not move forward for other reasons; specifically, it was not adequately supported in other parts of GMD 1.

In 2015, Kansas' Water Appropriation Act was amended to allow for the creation of Water Conservation Areas ("WCAs"). Via an extensive public process, water users in Wichita County developed and voluntarily enrolled in the Wichita County WCA. From March of 2017 to December of 2018, 26 users voluntarily enrolled in this program, and voluntarily agreed to reduce their water use by roughly 29%, on average during the first 7-year period, increasing to 50% in the final period of the WCA. *See* Exhibit 6, *Enrollment and Selected Provisions of the Wichita County WCA*. These voluntary enrollments represent a potential water savings of over 2,650 acre-feet per year over the first seven-year period, and will increase in the subsequent periods. *Id.*

While the accomplishments of the voluntary Wichita County WCA have been significant, because approximately 80% of the actively irrigated acres of the area are not enrolled, the water issues have not been fully addressed. Wichita County water users and stakeholders have worked with the GMD 1 Board for years, urging them to supplement Wichita County water management with a LEMA.

The LEMA process and proposals has been presented to the public at public meetings, and there have been multiple GMD 1 meetings with many interested people attending between 2015 and today. *See* Exhibit 7.

From March 2018 to March 2020, there have been 21 board meetings that have discussed this Proposed LEMA, 6 special board meetings that discussed this LEMA, two annual meetings where the Proposed LEMA was the primary focus, and one specific meeting in which the Proposed LEMA was the only topic of discussion. *Id.* In addition, we have a website that has a section dedicated specifically to this LEMA, and includes all documents we've developed, and we have sent newsletters that have discussed this LEMA. *See* http://www.gmd1.org/lema.html.

In response to public input from these meetings and notices, the Proposed LEMA was modified several times incorporating changes, such as: a) adjusting the time period from 15 years to 5 years; b) adjusting the allocation carryover; and c) modifying the allocation appeal process in order to better address previous voluntary conservation and water right ownership changes. All of these items represent significant public involvement that resulted in the locally-developed and locally-requested plan that the chief engineer is hearing today.

So, for the above reasons, the Proposed LEMA is in the public interest. The Proposed LEMA is in the future public interest, as it would preserve the aquifer for years to come. It is in the current public interest, as GMD 1 has narrowly tailored the restrictions to specifically address the water issue in a way to minimize disruption to Wichita County irrigation water users consistent with current and future needs. And it is in the public's expressed interest, as it has been requested by local water users and they have been well-informed of the LEMA plan, and they have expressed their support for this Proposed LEMA.

3. The geographic boundaries are reasonable.

The proposed LEMA has very definite boundaries. Specifically, those boundaries are those portions of Wichita County, within GMD 1, which is all of Wichita County except the southernmost townships. *See* Exhibit 2. As is demonstrated in this testimony including the water level change maps cited above, the entire county within GMD1 is subject to excessive declines and thus in need of the enhanced management proposed by the LEMA.

While other areas the GMD 1 have experienced water level declines, GMD 1 chose to start with Wichita County as it is the area of GMD 1 in most urgent need of additional management and with the greatest public support for such measures. As such the GMD 1 board

decided to start with Wichita County, planning to explore LEMA proposals for other portions of the District in the near future.

4. Conclusion

In conclusion, GMD 1 has met all three elements necessary for the Chief Engineer to make the required findings of fact to be considered in this initial hearing. First, the area of the Proposed LEMA has declining water levels, and the rate of withdrawal exceeds the rate of recharge, establishing subsections (a) and (b) of KAN. STAT. ANN. § 82a-1036.

Second, the proposed area will benefit from the corrective controls allowed by the Proposed LEMA to protect the future use of the High Plains Aquifer in this region. The majority of the invested persons were made aware of the LEMA process, and invited to participate, and kept informed of the situation. Thus, the public interest as envisioned in KAN. STAT. ANN. § 82a-1020 will be served by the adoption of these corrective control provision, as these corrective controls will stabilize the aquifer and guarantee its use for future generations.

Third and finally, the geographic boundaries of the Proposed LEMA are reasonable, because the entire County within GMD 1 is in decline and in need of corrective control provisions, such corrective controls have been requested and supported by local water users, and this region is where the Proposed LEMA is limited to.

Respectfully Submitted,

Kyle Spencer
Manager, GMD #1

Exhibit List

Exhibit 1: KGS OPEN-FILE REPORT 2019-16; *also available at:* http://www.kgs.ku.edu/Hydro/Publications/2019/OFR19_16/pcst_250_all_gmd1_Prdv_17_19_Wall.pdf.

Exhibit 2: *Request for a Wichita County LEMA*, submitted to the Division of Water Resources March 26, 2020, *also available at*: https://agriculture.ks.gov/docs/default-source/dwr-water-appropriation-documents/final-whcl-plan.pdf?sfvrsn=af978fc1_0

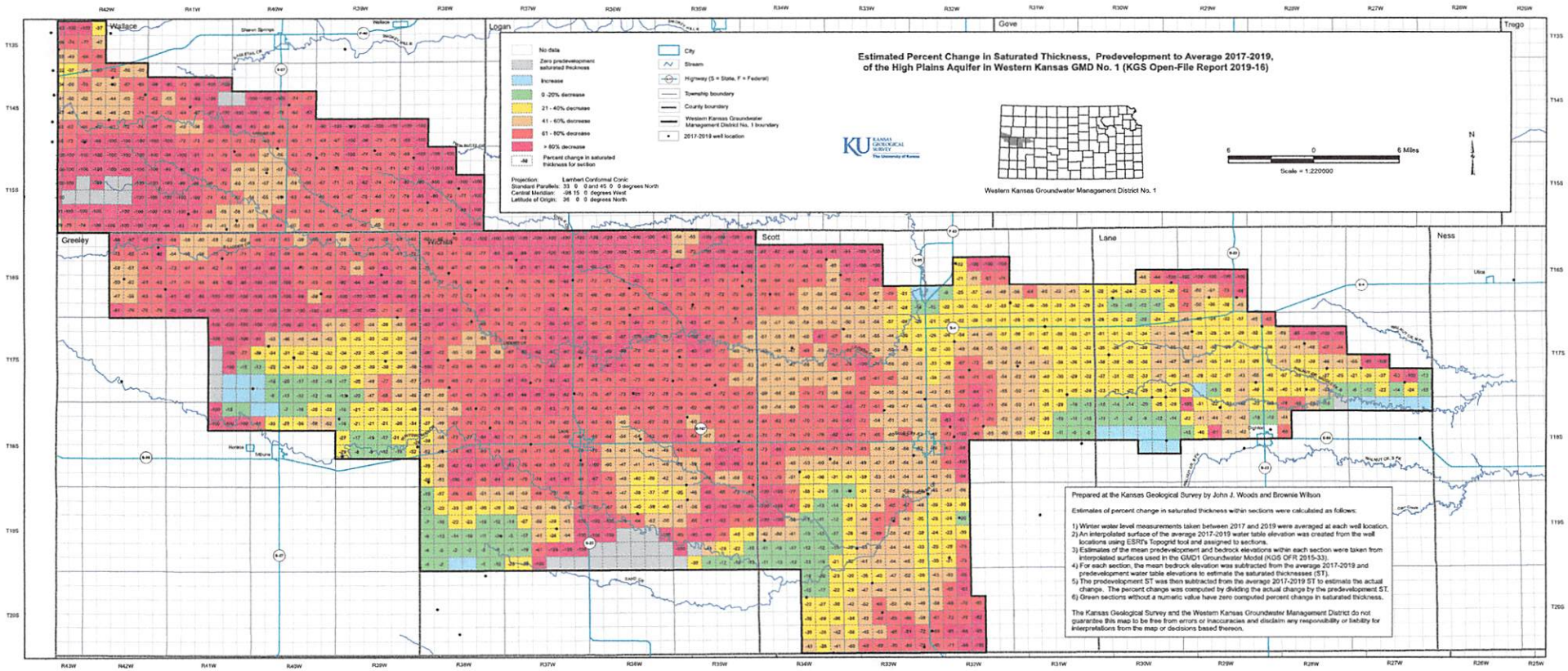
Exhibit 3: *Western Central Kansas GMD1 Model*

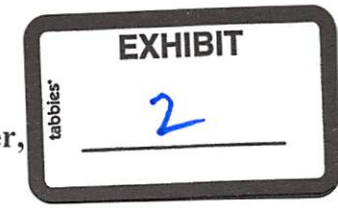
Exhibit 4: *Wichita County LEMA: Historical Use & Allocations*, submitted to the Division of Water Resources March 26, 2020, *also available at*: https://agriculture.ks.gov/docs/default-source/dwr-water-appropriation-documents/attachment-a-wc_lema_allocation_gmd1_webpage(11-15-19).pdf?sfvrsn=bd978fc1_4

Exhibit 5: 2014 LEMA Vote Totals of GMD 1

Exhibit 6: Enrollment and Selected Provisions of the *Wichita County WCA*, *also available at*: https://agriculture.ks.gov/divisions-programs/dwr/managing-kansas-water-resources/wca/wichita-county-wca

Exhibit 7: Assorted Agendas, Meeting Sign-ins, and Newsletters of GMD 1





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

March 26, 2020

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. "Board" - The GMD1 Board of Directors.

d. "Chief Engineer" - The Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture.

e. "Comparison Years" - The years, 2009 through 2015, used to determine Historical Usage of a point of diversion.

f. "Conservation Factor" - A 25% reduction applied to the Historical Usage for the calculation of a WHCL Allocation.

g. "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 WHCL.

h. "Domestic Water Rights"- Shall mean the same as KSA82a-701 (c).

i. "DWR" - Division of Water Resources, Kansas Department of Agriculture.

j. "GMD1" - Western Kansas Groundwater Management District No. 1.

k. "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 WHCL Allocation.

l. "K.A.R." - Kansas Administrative Regulations.

m. "KGS" - Kansas Geological Survey.

n. "K.S.A." - Kansas Statutes Annotated.

o. "LEMA" - Local Enhanced Management Area.

p. "LEMA Period" - A five year period that shall run from January 1, 2021 through December 31, 2025.

q. "Management 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.

r. "MYFA or Multi-Year Flex Account" - A type of Term Permit as defined in K.S.A. 82a-736.

s. "Stakeholder" - Any Water Right owner within the WHCL boundaries.

t. "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.

u. "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.

v. "Voluntarily Enrolled Vested Right" - A Vested Water Right which voluntarily enrolls in the WHCL Management Plan.

w. "Water Rights"- means the same as defined in K.S.A. 82a-701(g).

x. "WUC" - Water Use Correspondent.

y. "WCA" - Water Conservation Area.

z. "WHCL" - Wichita County Local Enhanced Management Area.

aa. "WHCL Allocation" - The quantity of water in acre-feet allowed for each irrigation Appropriation Water Right and Voluntarily Enrolled Vested Right, assigned by point of diversion that may be diverted during the LEMA Period.

bb. "WHCL Order of Designation" - The Order of Designation issued by the Chief Engineer pursuant to K.S.A. 82a-1041.

II. Management Plan Goals

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

The WHCL shall exist for a five-year period beginning on January 1, 2021 and ending on December 31, 2025. In order to address excessive water level declines and withdrawal rates exceeding recharge rates within the proposed WHCL boundaries, the goal of the Management Plan shall be to limit irrigation withdrawals to 246,882.786 acre feet during the LEMA Period.

III. Proposal

The WHCL shall include all irrigation Appropriation Water Rights whose source is the Ogallala Aquifer within the WHCL boundaries. Pursuant to K.S.A. 82a-703 Vested Water Rights within the WHCL boundaries shall not be regulated except through voluntary enrollment. Once voluntarily enrolled in the WHCL, Vested Water Rights may not be

withdrawn for the remainder of the LEMA Period.

a. Irrigation allocations were established for each Water Right thru 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 WHCL allocation due to their total combined water usage amounting to a minimal percentage of the total water use within the proposed WHCL boundaries. However, efficiency recommendations are provided for utilization in their management practices.

c. The WHCL 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 WHCL Allocation quantities shall be expressed in terms of total acre-feet for the LEMA Period and such quantity will be provided to each Water Right owner.

e. Any unused WHCL Allocation, up to a maximum of five times the Annual Authorized Quantity, may be carried forward to a subsequent LEMA if designated by the Chief Engineer which commences in the year 2026 and the carryover quantity will not be subject to the new LEMA's conservation requirements.

f. No point of diversion shall receive more than five times the Annual Authorized Quantity for the LEMA Period.

g. WHCL Allocations are shown in Attachment A.

h. WHCL Allocations for Water Rights subject to a DWR penalty order effecting permitted withdrawals from 2009 through the LEMA Period will be adjusted accordingly by DWR, and such order may not be appealed within the WHCL appeal process.

i. 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 WHCL during the LEMA Period.

j. Water Rights will not be permanently altered by a WHCL Order of Designation but will be subject to the terms and conditions of the WHCL Order of Designation for the duration of the LEMA Period.

k. Water Rights currently in their perfection period shall not be restricted by the Management Plan while in their perfection period.

l. New Water Right applications will be considered by the Board on a case-by-case basis.

IV. WHCL Allocations

WHCL Allocations shall be assigned to each point of diversion and shall apply to all irrigation Appropriation Water Rights and Voluntarily Enrolled Vested Rights, subject to Section III. No Water Right shall be allowed to exceed its Annual Authorized Quantity (AAQ) unless authorized by a DWR Term Permit. WHCL Allocations for each Water Right will be included in an official Order of Designation issued by the Chief Engineer. Upon approval of the WHCL, WHCL Allocations are subject to review pursuant to Section IV (a) (5). WHCL 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 WHCL 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 WHCL Allocation shall be:

Historical Usage x 5

B. If the Historical Usage is more than 20% of the AAQ for a point of diversion, the WHCL Allocation shall be the greater of:

(i) AAQ x 20% x 5, or

(ii) Historical Usage x 75% x 5

2. If an Appropriation Water Right is authorized for the same point of diversion as a Vested Water Right that has not voluntarily enrolled in the WHCL, a WHCL 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 WHCL

Allocation will be established for that point of diversion and the Vested Water Right will be unaffected by the WHCL.

B. If the Historical Usage from the point of diversion is greater than the Annual Authorized Quantity of an overlapped Vested Water Right, the WHCL 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 WHCL boundaries will be assigned a WHCL 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. 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 WHCL Allocation will follow the guidelines set forth in Section XIII.

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 WHCL boundaries that are withdrawn from an existing WCA during the LEMA Period shall be subject to the WHCL and provided a WHCL Allocation based on the years remaining in the LEMA Period.

7. Irrigation Use applications for MYFA Term Permits must be filed in the first year of the LEMA Period. If a subsequent LEMA is designated pursuant to Section III(e), then any carryover shall be limited by the provisions of this Management Plan and if no LEMA is subsequently designated then pursuant to K.S.A. 82a-736.

b. Vested Water Rights (See Attachment B).

1. Pursuant to K.S.A. 82a-703, Vested Water Rights shall not be subjected to the Management Plan.

2. Vested Water Rights once voluntarily enrolled in the WHCL may access the flexibilities of the Management Plan. If voluntarily enrolled, the Vested Water Right shall be subject to the terms and conditions of the Management Plan including the assignment of a WHCL Allocation as described in Section IV (a) (1). Enrollment must occur in the first year of the LEMA 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.

c. Non-Irrigation Uses - The water use reports of all non-irrigation Water Rights will be reviewed annually by the Board. Additionally each type of use is 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 reuse 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. Combined Well Unit (See Attachment C)

Wells within a Combined Well Unit will be allowed to share the combined quantity of their individual WHCL Allocations. No individual well shall be allowed to exceed its Annual Authorized Quantity unless authorized by a DWR Term Permit. Enrollment in a CWU must occur in the first year of the LEMA 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. All Combined Well Units must be approved by the Board and the Chief Engineer prior to implementation.

VI. Violations

The WHCL Order of Designation shall serve as initial notice to all Water Right owners within the WHCL boundary on its effective date. A copy of the Order of Designation and the Management 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 WHCL 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 WHCL Allocation.

VII. 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 WHCL 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.

VIII. Accounting

a. DWR, in cooperation with GMD1, shall keep records of the annual diversion amounts for each Water Right within the WHCL boundary and the total five-year quantity balances. Upon written request, this information will be available to the Water Right owner or GMD1.

b. GMD1 and DWR shall cooperate on reconciliation and correction of any annual water use report found to be in error.

c. GMD1 will provide DWR with copies of all completed Combined Well Unit Forms and any other documentation or information concerning the WHCL in a timely manner.

IX. 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.
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. WHCL Order of Designation Reviews

In addition to the annual review of the WHCL, the Review Board shall conduct a more formal review of WHCL Order of Designation in the fourth year of the LEMA Period. The review will encompass the annual review items with a focus on the economic impacts, as data is available, to the WHCL 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 WHCL 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.

X. 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 Management Plan.

XI. Water Level Monitoring

Prior to this WHCL proposal there were 43 recognized observation wells, two with continuous water level sensors and one continuously monitored index well, all within or near the WHCL 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 Management Plan.

XII. Coordination

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

a. Development of the WHCL Order of Designation resulting from the LEMA process.

b. Compliance and enforcement of the WHCL Order of Designation.

c. Annual accounting of the WHCL Allocation quantities used and available balance to Water Right owners and WUC if different from the owner.

XIII. Allocation Appeal Process

a. The following process will govern appeals for the possible modification of WHCL Allocations.

   1. Only the amount of the WHCL 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. 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 before March 1, 2022. Failure to file an appeal before March 1, 2022 will cause the WHCL Allocation to become final during the 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 three 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 WHCL Allocations authorized by the Board will become effective 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 WHCL Allocations provided in Attachment A.

2. Due consideration of previous voluntary conservation measures resulting in an incomplete or diminished Historical Usage record.

3. Water Rights on land not owned, leased, rented or otherwise previously controlled or pumped for any of the Comparison Years by the Farm Services Agency producer of record as of January 1, 2020 shall be allowed a flow rate test, pursuant to subsection (f). Appeals for this reason shall be reviewed by the Board for approval.

c. 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.

d. Appeals based on previous voluntary conservation measures must be accompanied by supporting documentation before the appeal will be scheduled for consideration by the Board. Information that will be required includes:

1. For water rights enrolled in government sponsored conservation programs, documentation must include an approved enrollment contract indicating the years of participation.

2. Any other documentation supporting past voluntary conservation that may have influenced the water use record during the Comparison Years.

e. 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 WHCL Allocation based on the information presented.

4. 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.

5. Authorize a WHCL Allocation equal to 20% of a point of diversion's AAQ x 5.

f. 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 WHCL Allocation pursuant to Section IV (a) (1).

XIV. Attachments

Attachments A, B, & C will be available at the GMD1 office and on the GMD1 website (www.gmd1.org).

Attachment A: Listing of WHCL Water Rights and WHCL Allocations/17 page spreadsheet

Attachment B: Voluntarily Enrolled Vested Right WHCL Consent Form

Attachment C: Combined Well Unit Form

Attachment D: GMD1 Map

Attachment E: Wichita County LEMA Boundary Map

Attachment F: KGS Estimated Useable Life Projection Map

Attachment G: KGS Observation Well Map

Attachment H: KGS Water Level Change Map

Attachment A: Listing of WHCL Water Rights and WHCL Allocations

Proposed Allocations available on the LEMA page at www.gmd1.org

Access the allocation table linked to "View Proposed Allocations Here - 11/20/2019"

Linked Document Titled

"Wichita County Local Enhanced Management Area (LEMA): Historical Use & Allocations"

Revised 11/15/2019

ATTACHMENT B
VOLUNTARILY ENROLLED VESTED RIGHT WHCL CONSENT FORM

By signing this Voluntary Vested Right Enrollment Consent Form, I am voluntarily choosing to enroll my Vested Right into the WHCL and I understand that by enrolling my Vested Right into the WHCL that my Vested Right will be subject to all of the WHCL's conditions, restrictions and benefits.

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		_____	_____

I am voluntarily entering the Vested Water Right No(s) listed above into the WHCL. I understand that once this voluntary consent form has been approved, these Vested Rights will have to remain in the WHCL until December 31, 20__.

ALL VESTED WATER RIGHT OWNERS AND THEIR SPOUSE MUST SIGN BEFORE A NOTARY IF THEIR VESTED RIGHT AND/OR THEIR LAND IS INCLUDED IN THIS VOLUNTARY VESTED RIGHT WHCL ENROLLMENT.

MUST BE ACCOMPANIED BY THE CONSENT FORM.

VESTED RIGHT 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)
Voluntary Vested Right enrollment 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)
Voluntary Vested Right enrollment 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 _____

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)

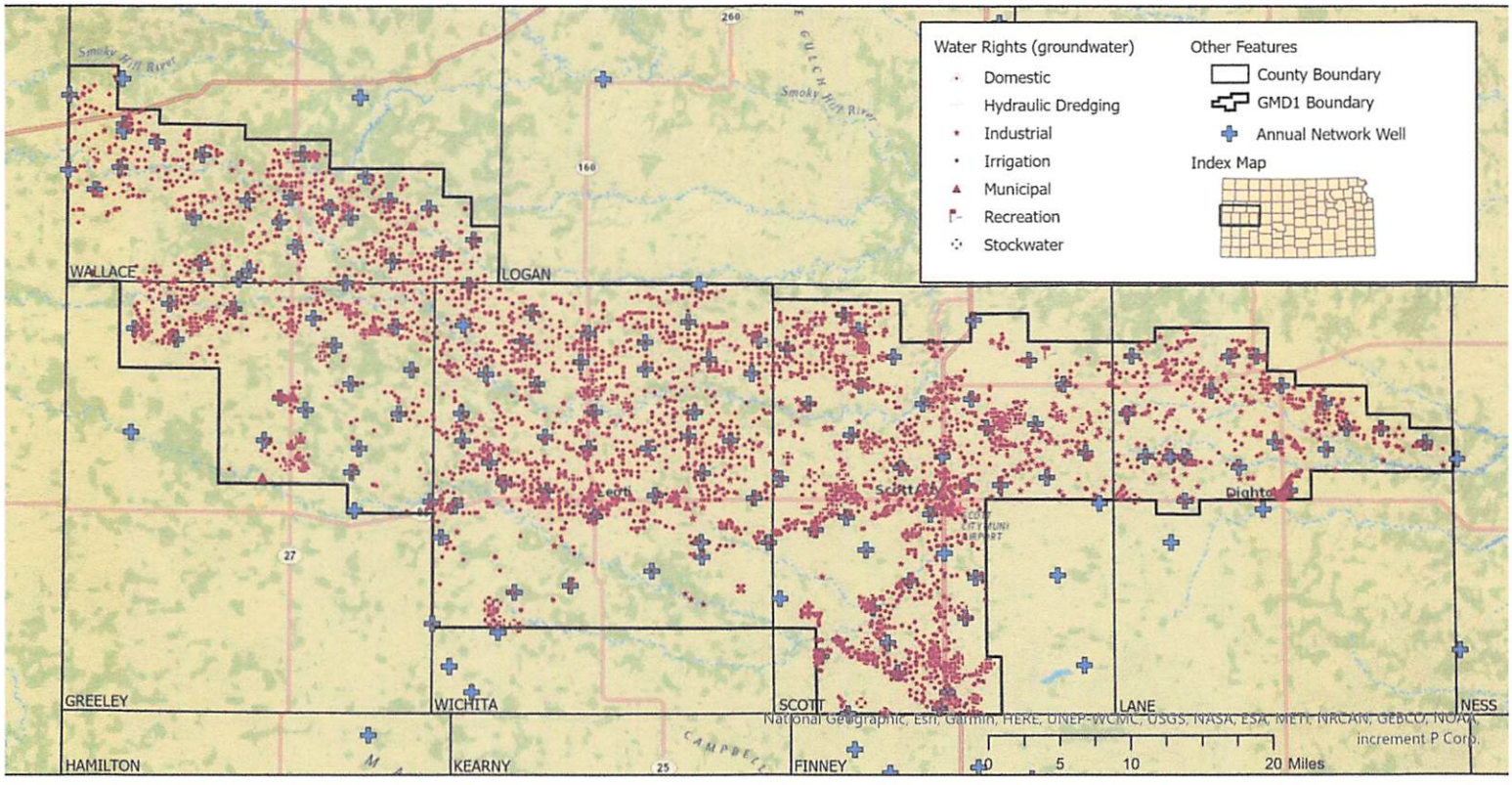
State of Kansas)
) SS
County of_____)

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

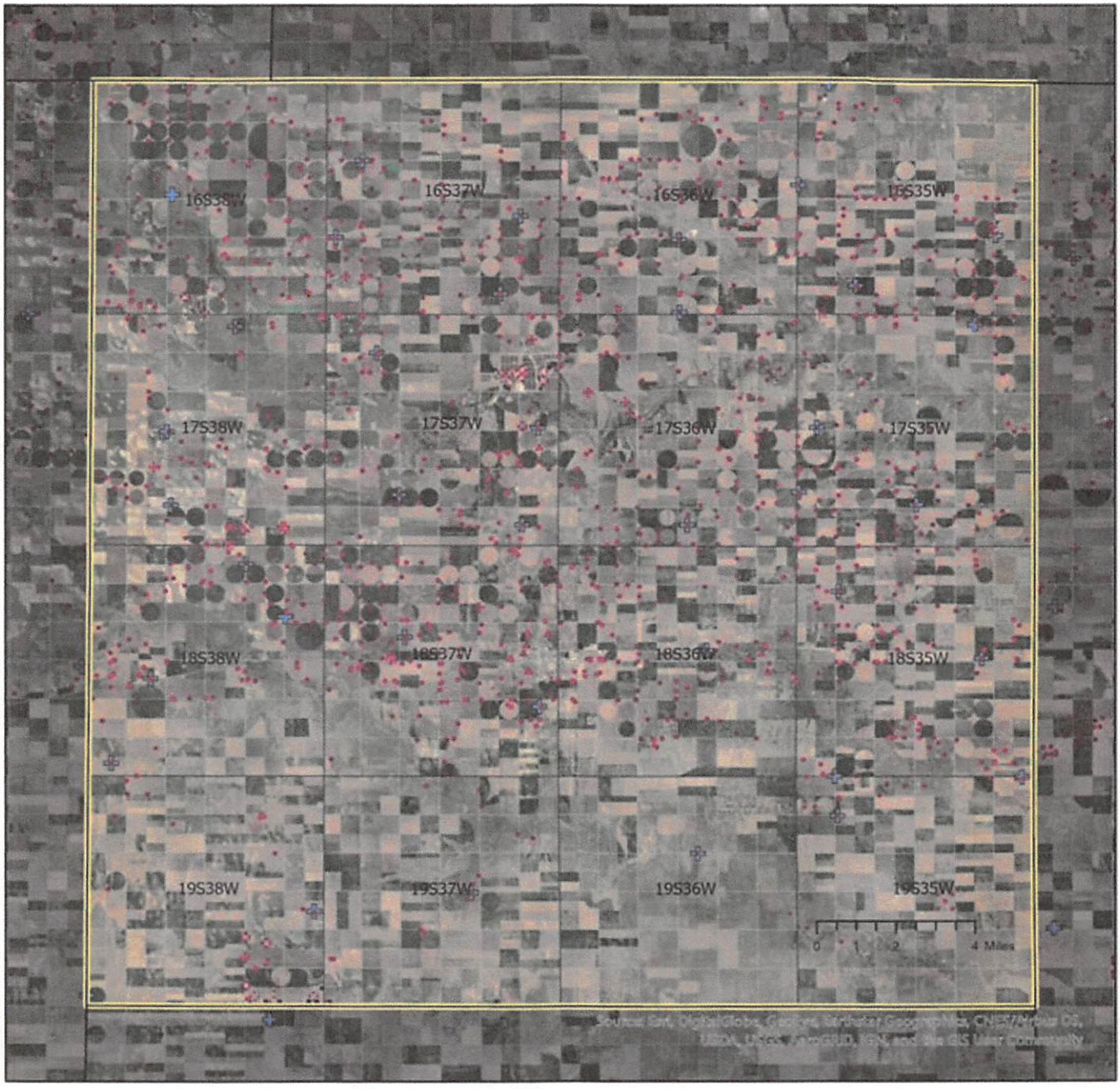
_____
Notary Public
My Commission Expires _____

Attach Map showing the Combined Well Unit:

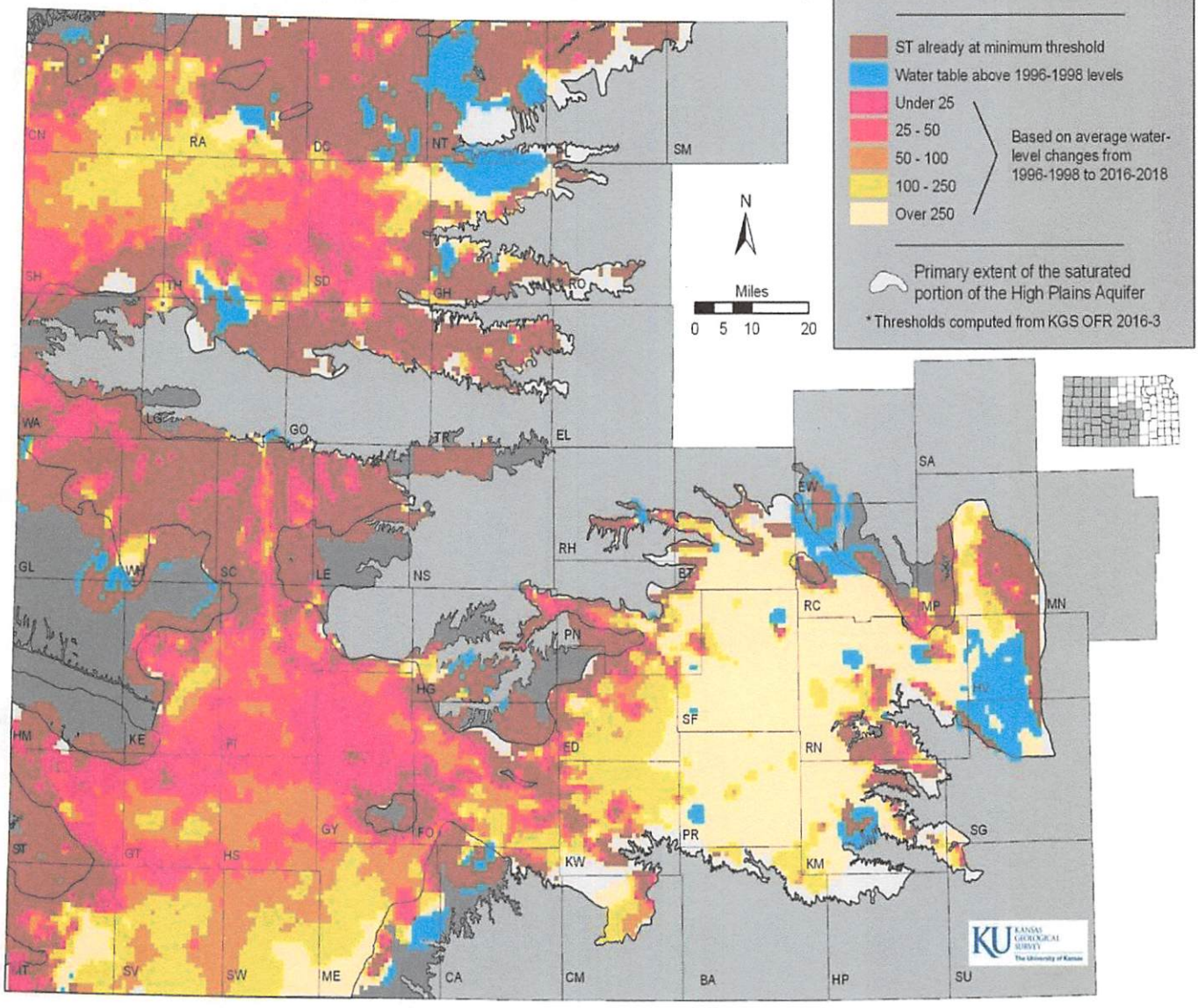
Attachment D: GMD1 Map



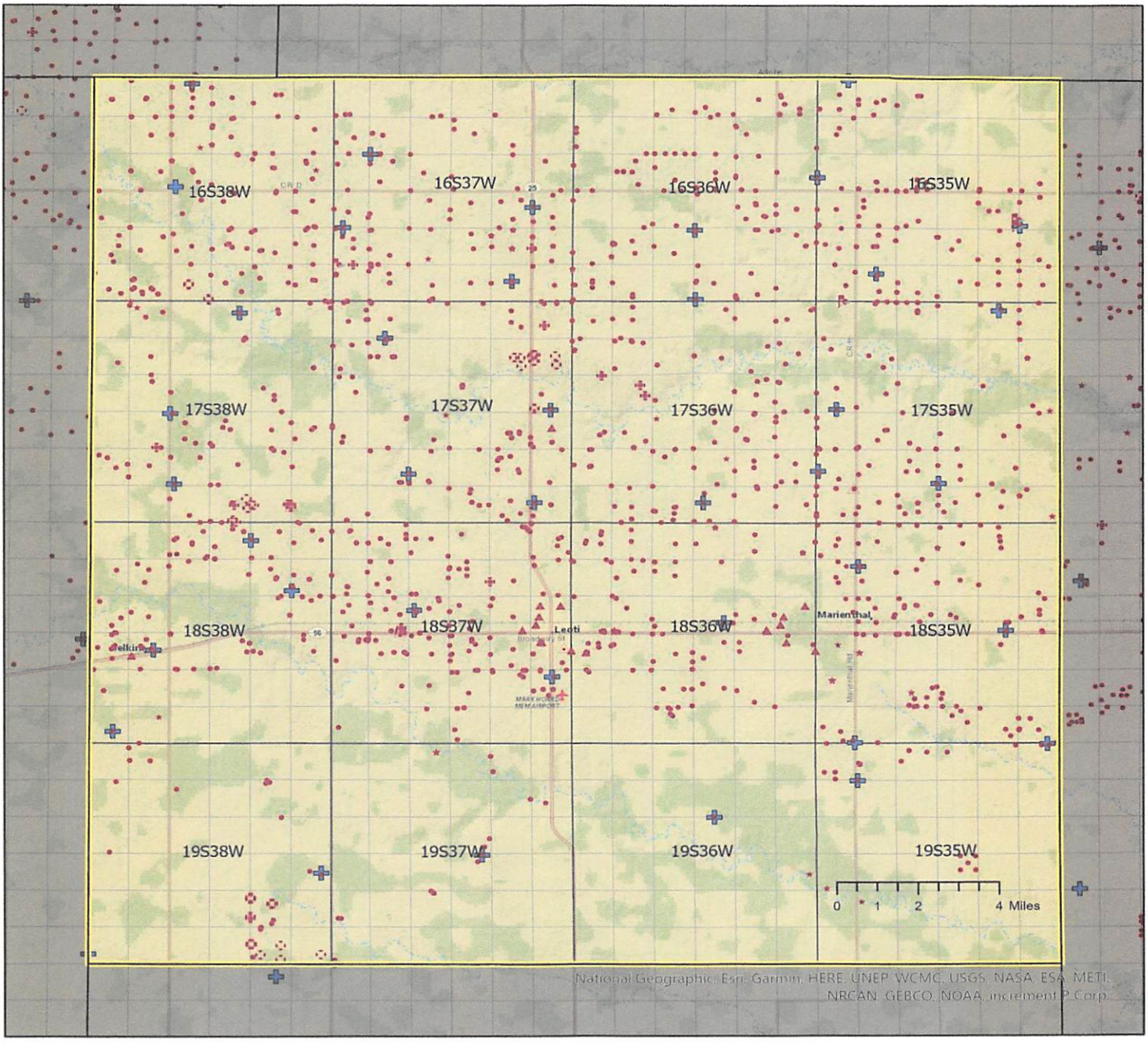
Attachment E: Wichita County LEMA Boundary Map



Estimated Usable Lifetime for the Kansas High Plains Aquifer (based on groundwater trends from 1996-1998 to 2016-2018 and the minimum saturated thickness required to support well yields at 200 gpm under 90 day of pumping scenario with 200 gpm wells on 1/4 sections)



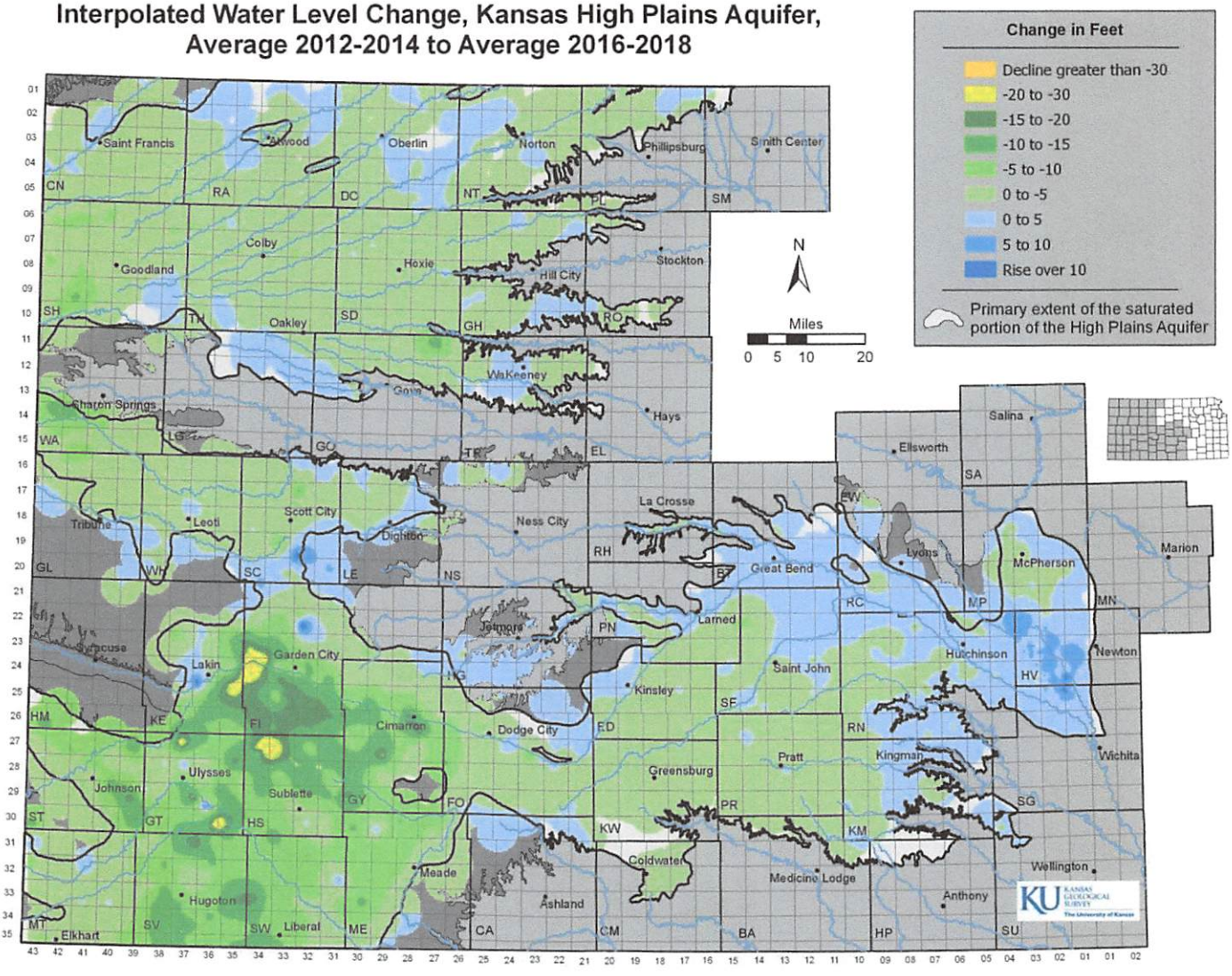
Attachment G: KGS Observation Well Map



Water Rights (groundwater)
- Domestic
- Hydraulic Dredging
- Industrial
- Irrigation
- Municipal
- Recreation
- Stockwater

Other Features
- County Boundary
- LEMA Boundary
- Annual Network Well

Index Map


Interpolated Water Level Change, Kansas High Plains Aquifer,
Average 2012-2014 to Average 2016-2018
Change in Feet
Decline greater than -30
-20 to -30
-15 to -20
-10 to -15
-5 to -10
0 to -5
0 to 5
5 to 10
Rise over 10
Primary extent of the saturated portion of the High Plains Aquifer
N
Miles
0 5 10 20
Saint Francis
Atwood
Oberlin
Norton
Phillipsburg
Smith Center
Colby
Goodland
Hoxie
Hill City
Stockton
Oakley
Wa Keeney
Hays
Sharon Springs
Ellsworth
Salina
La Crosse
Scott City
Leoti
Tribune
Ness City
Dighton
Great Bend
Lyons
McPherson
Marion
Larned
Jetmore
Hutchinson
Newton
Garden City
Lakin
Saint John
Kinsley
Cimarron
Dodge City
Pratt
Kingman
Wichita
Greensburg
Ulysses
Johnson
Sublette
Meade
Coldwater
Medicine Lodge
Wellington
Hugoton
Ashland
Anthony
Elkhart
Liberal
KU Kansas Geological Survey

West Central Kansas GMD1 Model

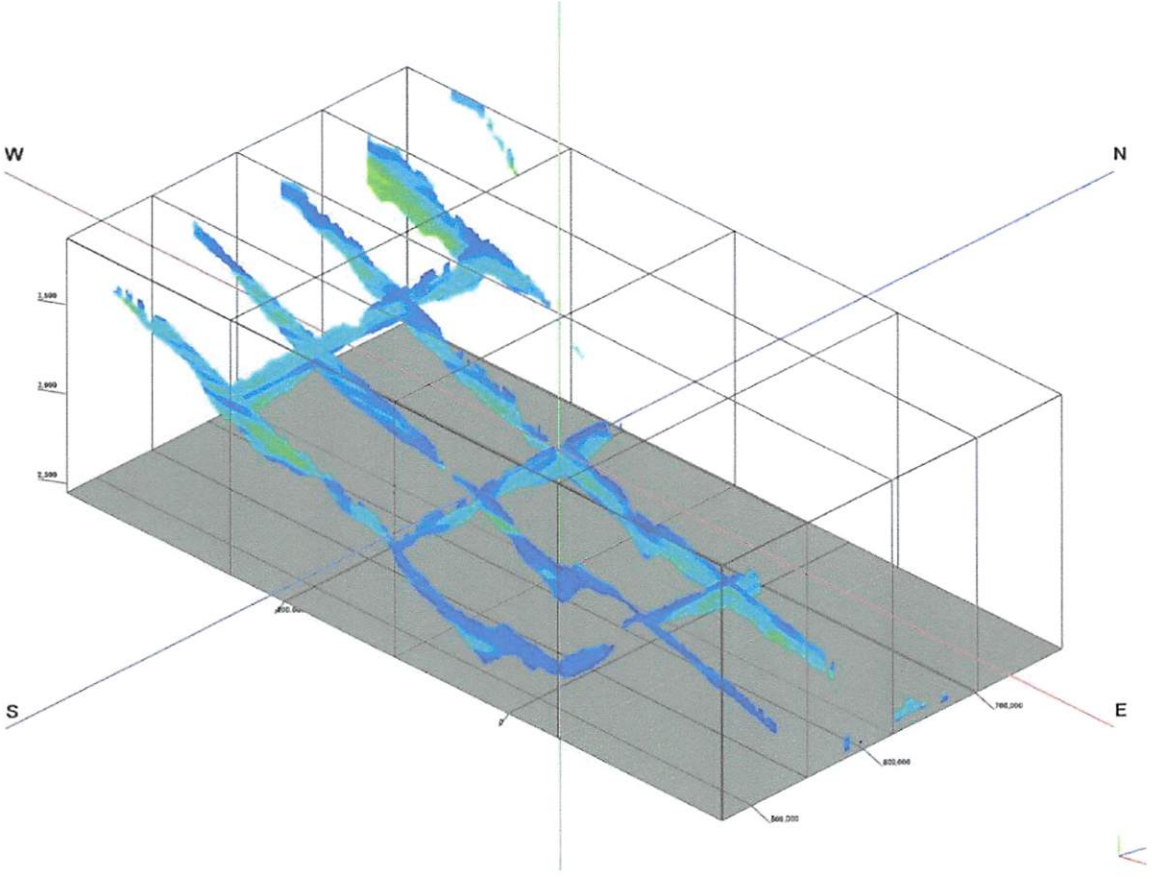
Kansas Water Office Contract 14-116

Funded by the

Kansas Water Office (Kansas Water Plan)

and

Western Kansas Groundwater Management District # 1



Brownie Wilson, Gaisheng Liu, Geoff Bohling, Donald Whittemore, and James Butler, Jr.

Kansas Geological Survey Open File Report 2015-33

GEOHYDROLOGY

KU KANSAS GEOLOGICAL SURVEY
The University of Kansas

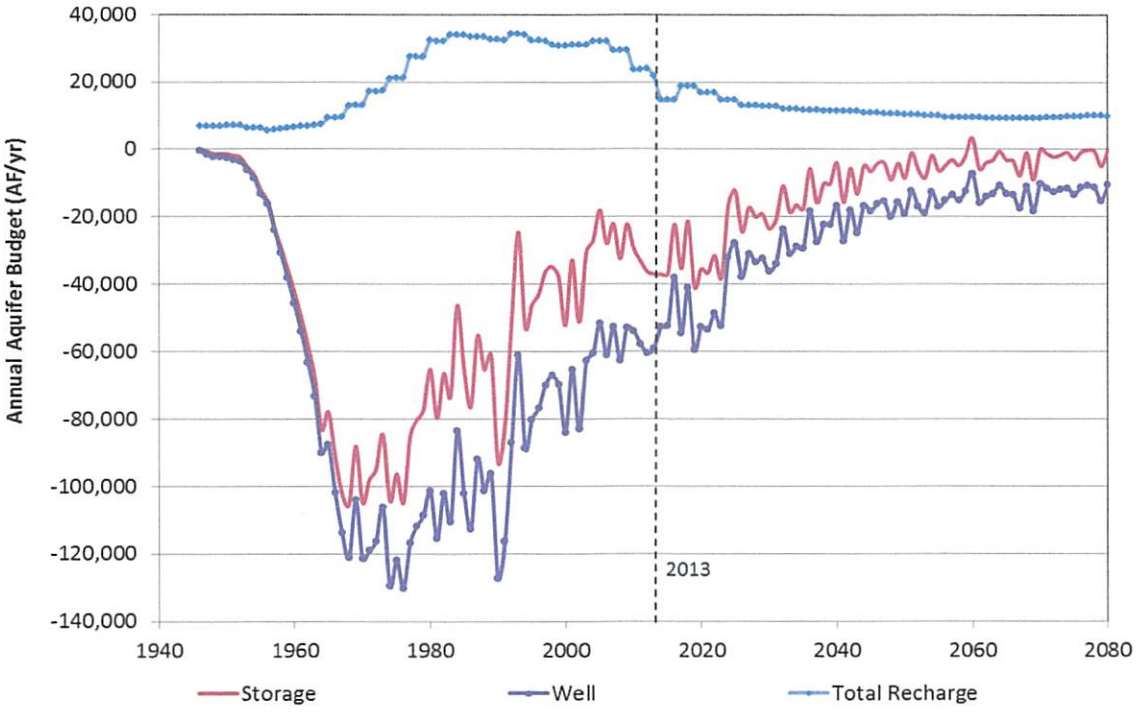


Figure SA5. Annual aquifer budget for Wichita County for the no change in future water use scenario.

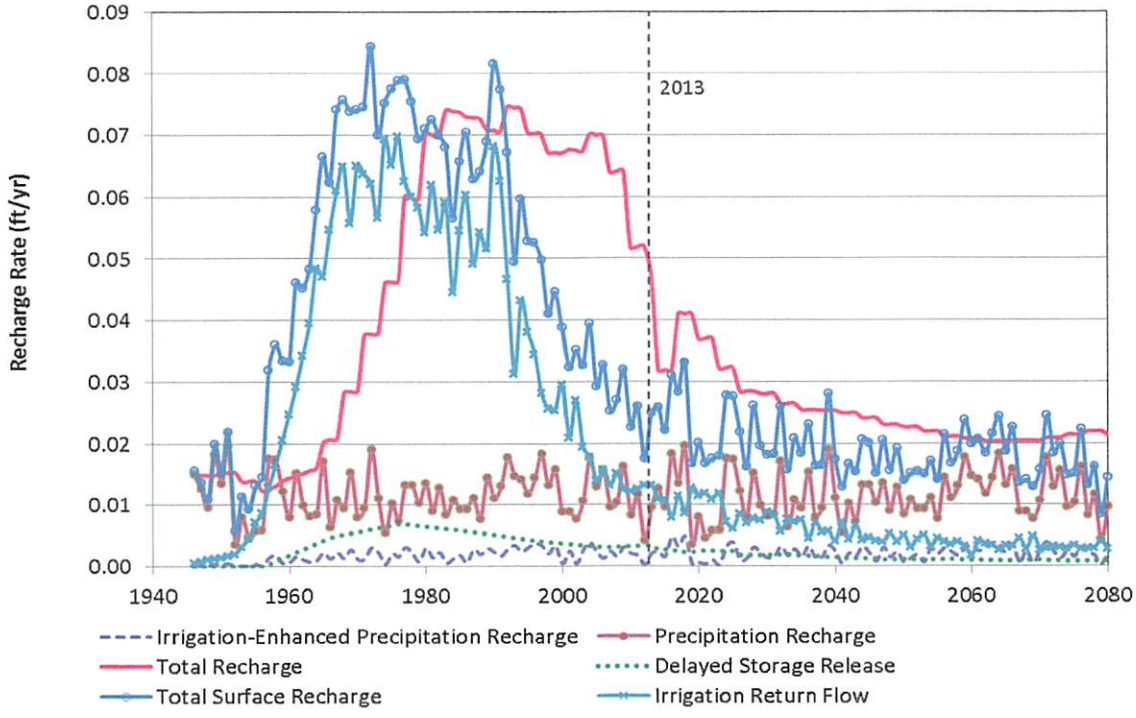


Figure SA6. Different recharge components for Wichita County for the no change in future water use scenario.

Wichita County Local Enhanced Management Area (LEMA): Historical Use & Allocations

Revised: 11/15/2019

Vested WR's

KDA-DWR Notes:

- Vested Water Rights shall not be mandatorily altered by a LEMA, allocations listed are for vested water rights that are voluntarily entered into LEMA

- All historical use is based on active years of pumping only
- "Legal Use" reduces water use to max authorized qty/yr where overpumping may have occurred
- "Multiple PD's" = a group or battery of wells under one water right that are authorized a blanket annual quantity.
- "Est rate (gpm)= Ave Use in 150 Days" = a consistent minimum pumping rate needed to be able to pump historical average use listed in 150 days.
- Water rights are consolidated into "units"
  - A "Unit" is a group of water rights overlapped by place of use, multiple water rights on a well, or multiple wells under one water right
  - A "Unit #" does not reflect any water right information. It is an arbitrary number for this data set

To search for a WR# on PDF:

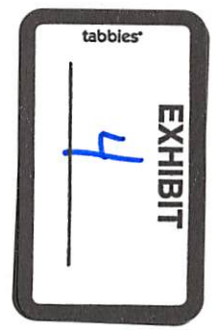
**If needed, contact KDA-DWR or GMD1 to determine your water right #*

1) Press "Ctrl + F"

2) Enter water right # into box

3) Click "Find Next" or "Find All" until found

Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info				*LEMA*
Unit#	WR#	QU AL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QU AL	PDIV#	2 Conse (AI
1	31455		27210	276.000	N/A		202.282	236.604	232.312	248.134	187.794	271.775	225.478	229.197	229.197	83%	346	55.20	1	31455		27210	17
2	6426		7236	640.000	N/A		100.744	128.059	144.791	125.987	85.042	105.801	45.703	105.161	105.161	16%	159	128.00	2	6426		7236	10
2	31697		8935	197.000			77.327	86.355	93.819	82.656	65.050	71.946	32.140	72.756	72.756	37%	110	39.40	2	31697		8935	54
3	31756		44495	78.000	N/A	MYFA 2016-2020 (390 AF)	73.691	78.000	78.000	78.000	43.157	78.000	31.556	65.772	65.772	84%	99	15.60	3	31756		44495	49
3	47068		44495	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	3	47068		44495	N
4	8277	D2	5518	216.000		WR Divided in 2017	81.850	189.490	216.000	209.980	160.640	216.000	157.410	175.910	175.910	81%	265	43.20	4	8277	D2	5518	13
4	10960	D2	5518	294.000			No Use	No Use	9.430	No Use	No Use	44.670	No Use	27.050	27.050	9%	41	58.80	4	10960	D2	5518	27
4	8277	D2	47220	216.000	N/A	WR Divided in 2017	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	100%	326	43.20	4	8277	D2	47220	16
4	10960	D2	47220	294.000			167.600	73.060	206.140	294.000	131.500	204.790	37.340	159.204	159.204	54%	240	58.80	4	10960	D2	47220	11
4	18681	D2	13768	533.200			28.702	66.521	71.426	52.299	148.112	248.504	32.005	92.510	92.510	17%	140	106.64	4	18681	D2	13768	92
4	31771		39749	434.000			44.983	46.095	41.610	35.482	62.471	28.000	24.236	40.411	40.411	9%	61	86.80	4	31771		39749	40
5	31818		20391	304.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	60.80	5	31818		20391	N
6	4189		7793	340.000			23.068	No Use	No Use	No Use	No Use	No Use	No Use	23.068	23.068	7%	35	68.00	6	4189		7793	23
6	4189		36833	408.000			68.154	No Use	No Use	No Use	No Use	No Use	No Use	68.154	68.154	17%	103	81.60	6	4189		36833	68
6	15047		7793	340.000	719	719 AF/YR COM/W #4189 & #15047	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	68.00	6	15047		7793	N
6	15047		36833	408.000		719 AF/YR COM/W #4189 & #15047	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	81.60	6	15047		36833	N
6	32810		51793	71.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	14.20	6	32810		51793	N
7	4227		30476	320.000			107.794	75.154	77.737	91.426	99.557	110.069	68.720	90.065	90.065	28%	136	64.00	7	4227		30476	67
7	9557		30476	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	7	9557		30476	N
7	9557		69952	480.000	480	Limited to 480 W 4227	49.565	46.213	90.566	57.608	39.103	60.749	48.031	55.976	55.976	12%	84	96.00	7	9557		69952	55
7	17328		8071	320.000			120.070	110.291	148.268	174.328	175.902	126.775	85.996	134.519	134.519	42%	203	64.00	7	17328		8071	10
7	33254		14217	200.000			146.639	152.409	143.334	148.556	159.080	115.970	110.840	139.547	139.547	70%	211	40.00	7	33254		14217	10
8	33778		8443	117.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	23.40	8	33778		8443	N
9	33779		32960	244.000	700	700AF/YR COM/W MULTI YEAR	1.518	0.184	88.529	192.092	85.446	129.720	87.177	83.524	83.524	34%	126	48.80	9	33779		32960	62
9	33779		49516	502.000		700AF/YR COM/W MULTI YEAR	107.370	135.829	170.409	302.695	213.199	229.191	183.286	191.711	191.711	38%	289	100.40	9	33779		49516	14
10	1439		63273	315.000			102.892	114.486	142.336	96.470	115.114	114.118	80.902	109.474	109.474	35%	165	63.00	10	1439		63273	82
10	8132		11053	1063.000			66.006	99.933	107.464	91.556	94.879	83.818	58.721	86.054	107.631	10%	162	212.60	10	8132		11053	10
10	8132		64338	Multiple PD's			4.987	28.158	30.513	19.318	9.741	38.880	19.445	21.577	Multiple PD's	N/A	N/A	Multiple PD's	10	8132		64338	N
10	8133		24297	320.000			108.217	133.043	116.782	128.062	134.403	126.810	97.913	120.747	120.747	38%	182	64.00	10	8133		24297	90
10	8663		74306	320.000			43.931	18.649	18.364	21.472	16.916	8.456	40.383	24.024	24.024	8%	36	64.00	10	8663		74306	24
10	10086		4086	320.000			91.301	112.249	122.876	3.375	110.616	98.531	70.622	87.081	87.081	27%	131	64.00	10	10086		4086	65
10	10226		35486	439.000			39.950	81.258	48.782	78.258	72.317	55.624	10.389	55.225	55.225	13%	83	87.80	10	10226		35486	55
10	11028		64226	640.000	1204	Limited to 1204 AF	145.781	141.129	207.549	58.005	161.758	161.666	125.791	143.097	143.097	22%	216	128.00	10	11028		64226	12
10	11893		64226	1204.000		1204 AF/YR COM/W #11028	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	240.80	10	11893		64226	N
10	13716		34097	320.000			34.389	94.147	65.860	85.914	71.265	74.189	48.514	67.754	67.754	21%	102	64.00	10	13716		34097	64
10	16601		14045	298.000			59.182	121.505	104.517	19.641	81.324	125.204	94.591	86.566	86.566	29%	131	59.60	10	16601		14045	64
10	24280		53152	320.000			58.030	119.641	120.443	119.335	41.156	98.916	60.323	88.263	88.263	28%	133	64.00	10	24280		53152	66
10	24281		68029	256.000			81.668	127.080	90.311	32.659	100.306	110.194	22.398	80.659	80.659	32%	122	51.20	10	24281		68029	60
10	34099		43304	260.000			61.419	71.894	91.170	76.935	97.710	79.885	100.000	82.716	82.716	32%	125	52.00	10	34099		43304	62
10	38755		75229	100.000		Limited to 1444.48 AF w8132 & 8133	14.160	14.160	50.268	43.644	50.599	49.756	34.399	36.712	36.712	37%	55	20.00	10	38755		75229	27
11	8619		26220	151.000			4.356	14.767	No Use	27.986	18.901	31.251	15.636	18.816	30.283	20%	46	30.20	11	8619		26220	30
11	8619		50819	Multiple PD's	196		2.667	9.607	No Use	16.158	13.546	17.522	9.299	11.467	Multiple PD's	N/A	N/A	Multiple PD's	11	8619		50819	N
11	34660		50819	87.000		196AF/YR COM/W #8619	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.40	11	34660		50819	N
12	34696		24302	40.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	8.00	12	34696		24302	N
13	7299		3535	376.000	N/A		157.935	100.948	122.038	169.689	138.369	133.655	85.317	129.707	129.707	34%	196	75.20	13	7299		3535	97
13	34703		33781	142.000			142.000	137.907	140.874	142.000	127.766	121.003	58.699	124.321	124.321	88%	188	28.40	13	34703		33781	93
14	34704		25100	80.000	N/A		73.289	No Use	No Use	80.000	33.713	No Use	16.178	50.795	50.795	63%	77	16.00	14	34704		25100	38



Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info					*LEMA*
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
15	11030		82133	916.000	1280		158.922	222.148	251.363	213.315	176.987	223.280	175.450	203.066	203.066	22%	306	183.20	15	11030		82133	18
15	30574		63282	307.000			185.150	211.975	262.812	72.305	234.722	198.588	118.342	183.413	183.413	60%	277	61.40	15	30574		63282	13
15	35106		40724	364.000		Limited to 1280 AF w 11030	164.310	139.937	148.303	143.207	148.540	135.180	92.246	138.818	138.818	38%	209	72.80	15	35106		40724	10
16	37366		9947	60.000	N/A		36.661	60.000	60.000	50.707	56.801	55.053	4.999	46.317	46.317	77%	70	12.00	16	37366		9947	34
17	23193		16150	145.000	N/A		123.019	79.021	53.871	46.973	50.337	79.357	15.731	64.044	64.044	44%	97	29.00	17	23193		16150	48
17	23193		38165	137.000			124.737	77.893	66.011	45.546	6.426	101.455	23.555	63.660	63.660	46%	96	27.40	17	23193		38165	47
17	23193		47263	160.000			126.563	120.849	77.260	109.886	75.889	69.636	26.224	86.615	86.615	54%	131	32.00	17	23193		47263	64
17	39390		5070	158.000			91.877	26.136	44.549	26.196	1.056	95.413	46.693	47.417	47.417	30%	72	31.60	17	39390		5070	35
17	39391		30669	88.000			67.406	88.000	88.000	82.530	88.000	49.562	74.616	76.873	76.873	87%	116	17.60	17	39391		30669	57
17	39392		8651	88.000			7.908	28.773	37.568	88.000	35.092	28.058	24.488	35.698	35.698	41%	54	17.60	17	39392		8651	26
18	3455		39912	570.000	870		44.118	61.519	61.961	59.247	62.487	32.137	19.628	48.728	48.728	9%	74	114.00	18	3455		39912	48
18	11177		41603	300.000			147.583	153.797	59.482	70.583	176.741	191.152	129.626	132.709	132.709	44%	200	60.00	18	11177		41603	99
18	39399		4916	90.000		Limited to 870 AF w 3455 & 11177	44.063	61.519	30.530	13.599	32.811	34.037	41.007	36.795	36.795	41%	56	18.00	18	39399		4916	27
19	10261		19945	185.000	397		87.689	72.897	88.317	99.460	85.513	80.880	70.325	83.583	83.583	45%	126	37.00	19	10261		19945	62
19	10261		54254	212.000			62.307	67.780	67.775	73.686	70.228	116.635	49.237	72.521	72.521	34%	109	42.40	19	10261		54254	54
19	14209		1863	310.000			65.846	81.777	47.249	38.548	93.436	55.170	48.490	61.502	61.502	20%	93	62.00	19	14209		1863	61
19	39885		396	56.000		Limited to 397 AF w 10261	39.458	30.021	27.715	16.983	37.250	22.845	27.547	28.831	28.831	51%	43	11.20	19	39885		396	21
20	4147		41081	140.000	640		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.00	20	4147		41081	N
20	8074		48033	590.000		Limited to 640AF w WH002 & 4147	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	118.00	20	8074		48033	N
20	WH-2		30171	460.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	92.00	20	WH-2		30171	N
21	7190		17077	Multiple PD's	1087	Limited to 1087 AF w WH003, O/L PD with WR #WH-3	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	21	7190		17077	N
21	7190		47063	1087.000		Limited to 1087 AF w WH003	180.539	214.329	239.176	263.868	262.383	233.941	189.134	226.196	432.725	40%	653	217.40	21	7190		47063	324
21	7190		48794	Multiple PD's		Limited to 1087 AF w WH003	75.274	73.064	70.442	86.469	113.758	102.218	313.374	119.228	Multiple PD's	N/A	N/A	Multiple PD's	21	7190		48794	N
21	7190		53228	Multiple PD's		Limited to 1087 AF w WH003	81.492	83.941	95.610	102.075	96.548	82.532	68.910	87.301	Multiple PD's	N/A	N/A	Multiple PD's	21	7190		53228	N
21	WH-3		17077	400.000			89.109	88.449	76.342	97.043	73.726	76.014	22.841	74.789	74.789	19%	113	80.00	21	WH-3		17077	74
22	760		32202	120.000	N/A		48.294	43.832	33.950	57.847	No Use	No Use	No Use	45.981	118.496	99%	179	24.00	22	760		32202	88
22	760		53676	Multiple PD's			70.523	62.007	69.484	88.047	No Use	No Use	No Use	72.515	Multiple PD's	N/A	N/A	Multiple PD's	22	760		53676	N
22	WH-4		11823	220.000			13.891	12.862	4.531	2.840	No Use	No Use	No Use	8.531	8.531	4%	13	44.00	22	WH-4		11823	8.
23	11129		2531	136.000	N/A	O/L PD with WR #WH-5	4.515	No Use	No Use	0.151	No Use	No Use	No Use	2.333	2.333	2%	4	27.20	23	11129		2531	2.
23	WH-5		2531	78.000			78.000	58.642	76.671	78.000	74.325	44.525	3.242	59.058	59.058	76%	89	15.60	23	WH-5		2531	44
24	WH-6		19736	240.000	N/A		95.284	86.873	59.724	112.826	101.722	76.064	105.678	91.167	91.167	38%	138	48.00	24	WH-6		19736	68
25	5975		36835	498.000	498	498AF/YR @1475 GPM COM/W VR FILE 10, O/L PD with WR #WH-10	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	99.60	25	5975		36835	N
25	WH-10		36835	260.000			172.073	185.523	181.899	238.146	218.078	162.310	131.456	184.212	184.212	71%	278	52.00	25	WH-10		36835	138
26	939		464	35.000	350		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	7.00	26	939		464	N
26	939		18673	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	26	939		18673	N
26	7856		464	350.000		350 AF/YR@ 1370GPM COM/W V R#11 WH CO #939, O/L PD with WR #WH-11	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	70.00	26	7856		464	N
26	7856		18673	Multiple PD's		350 AF/YR@ 1370GPM COM/W V R#11 WH CO #939, O/L PD with WR #WH-11	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	26	7856		18673	N
26	WH-11		464	100.000		Limited to 350 AF w WH011 & 939	No Use	10.565	No Use	No Use	No Use	No Use	No Use	10.565	10.565	11%	16	20.00	26	WH-11		464	10
26	WH-11		18673	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	26	WH-11		18673	N
27	21805		38677	60.000	N/A	O/L PD with WR #WH-12	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	12.00	27	21805		38677	N
27	WH-12		38677	50.000			12.106	15.676	No Use	No Use	No Use	No Use	No Use	13.891	13.891	28%	21	10.00	27	WH-12		38677	10
28	WH-13		22814	640.000	N/A		134.035	22.639	211.017	189.666	165.352	173.480	111.682	143.982	200.278	31%	302	128.00	28	WH-13		22814	150
28	WH-13		75695	Multiple PD's			3.481	226.565	109.741	18.275	19.638	3.230	13.147	56.297	Multiple PD's	N/A	N/A	Multiple PD's	28	WH-13		75695	N
29	849	A	22914	209.000	2019		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	41.80	29	849	A	22914	N
29	849	B	22914	188.000			68.034	24.352	38.537	43.820	41.153	42.800	37.900	42.371	42.371	23%	64	37.60	29	849	B	22914	37
29	2288		44235	421.000			176.438	196.817	211.122	204.886	187.496	206.609	170.488	193.408	193.408	46%	292	84.20	29	2288		44235	145
29	2288		66000	357.000			111.212	128.001	146.944	114.096	124.662	127.240	108.021	122.882	122.882	34%	185	71.40	29	2288		66000	92
29	10140		5377	228.000			1.381	24.352	8.004	10.934	18.748	15.317	8.751	12.498	12.498	5%	19	45.60	29	10140		5377	12
29	10140		16192	304.000			21.375	37.448	26.728	21.868	31.247	33.795	25.430	28.270	28.270	9%	43	60.80	29	10140		16192	28
29	10140		24463	208.000			49.863	48.703	62.114	22.740	86.064	83.876	74.292	61.093	61.093	29%	92	41.60	29	10140		24463	45
29	10140		37698	222.000			48.943	24.352	24.121	21.212	15.243	11.963	12.566	22.629	22.629	10%	34	44.40	29	10140		37698	22
29	24091		40344	72.000			2.734	No Use	21.636	21.868	24.998	0.001	0.825	12.010	12.010	17%	18	14.40	29	24091		40344	12
29	24091		41570	248.000			2.024	36.503	21.636	21.868	24.998	11.559	4.875	17.638	17.638	7%	27	49.60	29	24091		41570	17
29	WH-14		5101	165.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.00	29	WH-14		5101	N
29	WH-14		18755	297.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	59.40	29	WH-14		18755	N
29	WH-14		43429	306.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	61.20	29	WH-14		43429	N
29	WH-15		68176	503.000		Limited to 2019 AF	169.976	192.152	201.521	197.193	185.140	196.378	161.965	186.332	186.332	37%	281	100.60	29	WH-15		68176	135
30	43393		62236	155.000	N/A		55.279	43.612	127.288	96.667	61.643	135.390	16.518	76.628	76.628	49%	116	31.00	30	43393		62236	57

Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info					LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
31	44206		64770	Multiple PD's	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	31	44206		64770	N
31	44206		65711	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	31	44206		65711	N
31	44206		65712	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	31	44206		65712	N
31	44206		65713	128.000			106.062	17.385	86.621	135.507	104.856	48.080	21.200	74.244	74.244	58%	112	25.60	31	44206		65713	55
32	11254	D1	17161	154.000	235		45.021	59.107	58.462	14.892	4.394	No Use	No Use	36.375	36.375	24%	55	30.80	32	11254	D1	17161	30
32	23943		2849	106.000		Limited to 235 AF w 11254-D1	58.527	76.839	52.633	53.693	No Use	34.519	5.215	46.904	46.904	44%	71	21.20	32	23943		2849	35
33	11254	D2	68028	280.000	N/A		99.562	101.609	100.000	139.815	119.718	114.965	38.210	101.983	101.983	36%	154	56.00	33	11254	D2	68028	76
34	3488		10842	736.000	1230		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	147.20	34	3488		10842	N
34	3488		21724	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	34	3488		21724	N
34	3488		51058	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	34	3488		51058	N
34	9504		10842	1200.000		Limited to 1230 with 3488	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	240.00	34	9504		10842	N
34	9504		21724	Multiple PD's		Limited to 1230 with 3488	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	34	9504		21724	N
34	9504		51058	Multiple PD's		Limited to 1230 with 3488	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	34	9504		51058	N
34	15520	D1	9362	115.000		Limited to 1200 w 3488 & 9504	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	23.00	34	15520	D1	9362	N
35	15520	D2	24546	169.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.80	35	15520	D2	24546	N
35	15520	D2	38605	153.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	30.60	35	15520	D2	38605	N
36	6560		65769	400.000	N/A		60.767	75.780	71.104	83.649	60.060	40.224	52.214	63.400	63.400	16%	96	80.00	36	6560		65769	63
36	9059	D1	63107	251.000			49.357	41.942	66.464	72.917	85.541	32.317	25.637	53.454	53.454	21%	81	50.20	36	9059	D1	63107	50
36	10570	D1	63107	21.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	4.20	36	10570	D1	63107	N
37	9059	D2	24054	352.000	1892		No Use	2.875	17.042	25.637	46.400	2.416	43.447	22.970	22.970	7%	35	70.40	37	9059	D2	24054	22
37	9059	D2	25133	443.000			21.146	74.874	79.393	267.047	59.754	44.748	16.572	80.505	80.505	18%	121	88.60	37	9059	D2	25133	80
37	9059	D2	46460	488.000			259.547	263.752	312.460	62.901	305.835	286.284	238.809	247.084	247.084	51%	373	97.60	37	9059	D2	46460	185
37	9059	D2	74351	226.000			13.659	51.869	62.905	55.530	52.344	10.184	48.501	42.142	42.142	19%	64	45.20	37	9059	D2	74351	42
37	10570	D2	24054	30.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	6.00	37	10570	D2	24054	N
37	10570	D2	25133	37.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	7.40	37	10570	D2	25133	N
37	10570	D2	46460	41.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	8.20	37	10570	D2	46460	N
37	10570	D2	74351	19.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	3.80	37	10570	D2	74351	N
37	23565		46460	346.000		1892AF/YR COM/W 9059 D2 & 10570 D2	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	69.20	37	23565		46460	N
37	23565		74351	7.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	1.40	37	23565		74351	N
38	2027		45077	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	38	2027		45077	N
38	10569	D1	45077	68.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	13.60	38	10569	D1	45077	N
39	10569	D2	5467	468.000	468		101.407	37.719	74.872	48.860	88.449	34.409	51.171	62.412	62.412	13%	94	93.60	39	10569	D2	5467	62
39	18193	D1	19681	444.000		468AF/YR COM/W #10569-D2	83.140	28.572	94.068	47.817	78.616	38.644	54.630	60.784	60.784	14%	92	88.80	39	18193	D1	19681	60
40	1275		17877	300.000	N/A		153.352	179.772	62.280	33.422	97.231	109.786	83.224	102.724	102.724	34%	155	60.00	40	1275		17877	77
40	6844	A2	63015	229.000		O/L PD with WR #WH-7	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	45.80	40	6844	A2	63015	N
40	6844	A1	80105	171.000		O/L PD with WR #WH-7	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	34.20	40	6844	A1	80105	N
40	10700	D2	1299	194.000			107.216	129.272	120.374	117.690	99.250	88.735	62.156	103.528	103.528	53%	156	38.80	40	10700	D2	1299	77
40	WH-7	D2	63015	273.000			189.389	173.561	226.697	251.750	189.456	183.698	144.431	194.140	194.140	71%	293	54.60	40	WH-7	D2	63015	145
40	WH-7	D1	80105	137.000			49.463	51.265	29.450	87.760	75.595	67.177	50.322	58.719	58.719	43%	89	27.40	40	WH-7	D1	80105	44
41	845	D1	28535	300.000	N/A		175.759	228.216	112.912	31.712	110.680	22.110	60.259	105.950	105.950	35%	160	60.00	41	845	D1	28535	79
42	845	D2	70560	930.000	930		62.461	53.736	63.250	37.239	18.220	No Use	No Use	46.981	46.981	5%	71	186.00	42	845	D2	70560	46
42	19934		42121	539.000		Limited to 930 w 845-D2	76.465	77.903	37.318	34.113	18.229	No Use	No Use	48.806	48.806	9%	74	107.80	42	19934		42121	48
43	344	D1	25683	299.000	N/A		115.433	130.368	209.299	112.098	118.528	188.470	117.355	141.650	141.650	47%	214	59.80	43	344	D1	25683	106
43	23260		11230	181.000			23.810	130.370	145.284	181.000	132.222	161.056	95.109	124.122	124.122	69%	187	36.20	43	23260		11230	93
44	344	D2	62033	480.000	1229		196.143	127.935	244.590	230.906	132.135	197.393	100.834	175.705	175.705	37%	265	96.00	44	344	D2	62033	131
44	3815		8362	483.000			135.522	113.852	78.766	155.977	130.890	115.995	130.005	123.001	123.001	25%	186	96.60	44	3815		8362	96
44	3815		54132	441.000			0.010	3.936	0.081	5.398	3.009	3.050	2.695	2.597	2.597	1%	4	88.20	44	3815		54132	2.
44	3815		75473	305.000			1.620	2.074	28.847	60.049	13.238	10.068	8.104	17.714	17.714	6%	27	61.00	44	3815		75473	17
44	20408		18618	347.000		1229 AF w 3815	82.801	86.511	84.856	73.940	65.920	84.825	39.458	74.044	74.044	21%	112	69.40	44	20408		18618	69
45	24785	D1	14493	165.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.00	45	24785	D1	14493	N
46	24785	D2	12316	165.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.00	46	24785	D2	12316	N
47	24785	D3	32838	201.000	N/A		20.559	66.572	153.976	92.919	90.831	159.121	140.811	103.541	103.541	52%	156	40.20	47	24785	D3	32838	77
48	13810		74070	320.000	N/A		24.156	37.225	38.647	39.134	40.574	33.134	28.763	34.519	34.519	11%	52	64.00	48	13810		74070	34
48	24459		14007	110.000		MYFA 2013-2017 (550 AF)	110.000	110.000	110.000	110.000	5.463	110.000	85.871	91.619	91.619	83%	138	22.00	48	24459		14007	68
49	19368		54348	220.000	N/A	MYFA 2014-2018 (901.403 AF)	220.000	38.600	108.561	220.000	79.428	203.633	62.758	133.283	133.283	61%	201	44.00	49	19368		54348	99
50	1130		26374	120.000	N/A	170 AF Auth w/ WR #13198	97.000	132.196	170.000	152.420	170.000	170.000	142.730	147.764	147.764	87%	223	24.00	50	1130		26374	110
50	13198		26374	50.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.00	50	13198		26374	N
50	13198		75712	249.000		TP 2011 (340 AF)/MYFA 2012-2016 (850 AF)	77.980	116.962	250.002	43.251	31.643	26.384	14.734	80.137	80.137	32%	121	49.80	50	13198		75712	60

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AF
51	8277	D1	22935	216.000	N/A	WR Divided in 2017	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	100%	326	43.20	51	8277	D1	22935	16
51	10960	D1	22935	339.800			75.150	34.990	54.420	196.430	154.300	128.210	89.379	104.697	104.697	31%	158	67.96	51	10960	D1	22935	78
51	8277	D1	51056	216.000		WR Divided in 2017	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	216.000	100%	326	43.20	51	8277	D1	51056	16
51	10960	D1	51056	339.800			20.450	14.000	128.160	79.210	84.550	101.350	0.300	61.146	61.146	18%	92	67.96	51	10960	D1	51056	61
51	8277	D1	71623	216.000		WR Divided in 2017	184.090	216.000	216.000	216.000	216.000	216.000	216.000	211.441	211.441	98%	319	43.20	51	8277	D1	71623	15
51	10960	D1	71623	339.800			No Use	64.370	184.880	200.240	118.790	78.160	48.880	115.887	115.887	34%	175	67.96	51	10960	D1	71623	86
51	18681	D1	6983	549.600			331.526	316.896	379.330	386.094	334.061	408.883	295.322	350.302	350.302	64%	528	109.92	51	18681	D1	6983	26
51	18681	D1	41753	608.600			170.409	189.742	235.692	197.252	152.429	248.504	76.588	181.517	181.517	30%	274	121.72	51	18681	D1	41753	13
52	4971		26571	467.000	613		237.097	274.646	338.540	322.088	242.595	265.539	161.366	263.124	263.124	56%	397	93.40	52	4971		26571	19
52	4971		39783	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	52	4971		39783	N
52	9877		26571	613.000		613AF/YR @ 2383GPM COM/W #4,971	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	122.60	52	9877		26571	N
52	9877		39783	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	52	9877		39783	N
53	9910		10575	636.000	N/A		208.890	192.200	218.490	204.440	114.850	189.350	150.010	182.604	182.604	29%	275	127.20	53	9910		10575	13
54	9920		15622	960.000	1380		111.140	248.580	94.160	97.040	96.690	140.910	125.850	130.626	461.293	48%	696	192.00	54	9920		15622	34
54	9920		28707	Multiple PD's			84.020	90.960	63.430	69.530	67.520	45.890	41.800	66.164	Multiple PD's	N/A	N/A	Multiple PD's	54	9920		28707	N
54	9920		34756	Multiple PD's			145.760	167.490	102.430	102.610	108.830	159.720	113.930	128.681	Multiple PD's	N/A	N/A	Multiple PD's	54	9920		34756	N
54	9920		45793	Multiple PD's			135.920	250.170	81.760	145.130	90.840	97.240	149.690	135.821	Multiple PD's	N/A	N/A	Multiple PD's	54	9920		45793	N
54	10448		15622	1280.000		1280AF/YR @ 4240 GPM COM/W APP 9920 ON LAND LISTED IN CERT	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	256.00	54	10448		15622	N
54	10448		28707	Multiple PD's		1280AF/YR @ 4240 GPM COM/W APP 9920 ON LAND LISTED IN CERT	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	10448		28707	N
54	10448		34756	Multiple PD's		1280AF/YR @ 4240 GPM COM/W APP 9920 ON LAND LISTED IN CERT	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	10448		34756	N
54	10448		45793	Multiple PD's		1280AF/YR @ 4240 GPM COM/W APP 9920 ON LAND LISTED IN CERT	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	10448		45793	N
54	14512		15622	1380.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	276.00	54	14512		15622	N
54	14512		28707	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	14512		28707	N
54	14512		34756	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	14512		34756	N
54	14512		45793	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	54	14512		45793	N
54	21645		48601	474.000		1380AF/YR COM/W #9,920 & 10,448	92.560	160.300	183.070	199.880	251.200	174.590	154.030	173.661	173.661	37%	262	94.80	54	21645		48601	13
54	23853		27816	320.000		1380AF/YR COM/W #9,920, 10,448, 14,512 & 21,645	39.520	41.960	64.580	68.970	77.460	66.760	56.750	59.431	59.431	19%	90	64.00	54	23853		27816	59
55	4391		7428	467.000	700		122.590	148.430	151.420	215.680	168.000	133.000	108.000	149.589	213.483	46%	322	93.40	55	4391		7428	16
55	4391		8641	Multiple PD's			45.250	55.410	60.600	106.000	71.000	61.000	48.000	63.894	Multiple PD's	N/A	N/A	Multiple PD's	55	4391		8641	N
55	10027		7428	700.000		700AF/YR @1211GPM COM/W APP#4391 ON LAND LISTED IN CERT	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	140.00	55	10027		7428	N
55	10027		8641	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	55	10027		8641	N
55	12209		1461	178.000			154.094	160.788	178.000	177.974	168.112	154.299	108.366	157.376	157.376	88%	237	35.60	55	12209		1461	11
56	10062		34959	400.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	80.00	56	10062		34959	N
57	10063		40849	400.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	80.00	57	10063		40849	N
58	10076		12567	304.000	N/A		51.010	18.360	29.680	52.720	20.290	34.680	23.870	32.944	32.944	11%	50	60.80	58	10076		12567	32
58	11310		12567	220.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.00	58	11310		12567	N
58	15556		12567	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	58	15556		12567	N
58	15556		30304	466.000			68.260	27.260	79.110	61.480	26.450	42.930	40.610	49.443	86.273	19%	130	93.20	58	15556		30304	86
58	15556		51098	Multiple PD's			39.410	22.970	37.040	43.280	23.300	38.250	53.560	36.830	Multiple PD's	N/A	N/A	Multiple PD's	58	15556		51098	N
59	3586		24545	Multiple PD's	700		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	59	3586		24545	N
59	3586		31325	373.000			167.540	148.590	185.030	279.670	166.730	118.460	20.880	155.271	173.208	46%	261	74.60	59	3586		31325	12
59	3586		71207	Multiple PD's			1.105	28.580	21.212	23.130	21.740	25.660	4.130	17.937	Multiple PD's	N/A	N/A	Multiple PD's	59	3586		71207	N
59	10088		24545	441.000		680AF/YR @1475GPM COM/W #3,586	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	88.20	59	10088		24545	N
59	10088		31325	542.000		680AF/YR @1475GPM COM/W #3,586	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	108.40	59	10088		31325	N
59	10088		71207	170.000		680AF/YR @1475GPM COM/W #3,586	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	34.00	59	10088		71207	N
59	12133		71207	272.000		700AF/YR COM/W #3,586 & 10,088	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	54.40	59	12133		71207	N
60	10095		36782	320.000	N/A		110.850	13.090	120.930	92.300	106.070	102.660	114.330	94.319	175.707	55%	265	64.00	60	10095		35782	13
60	10095		51781	Multiple PD's			74.630	97.630	76.760	162.250	46.880	43.390	68.180	81.389	Multiple PD's	N/A	N/A	Multiple PD's	60	10095		51781	N
61	10132		62251	216.000	N/A		29.200	18.730	3.000	33.880	24.770	27.600	No Use	22.863	22.863	11%	34	43.20	61	10132		62251	22
62	10141		30710	274.000	N/A		134.400	36.030	136.830	147.330	123.090	157.620	27.660	108.994	108.994	40%	164	54.80	62	10141		30710	81
63	10172		20248	460.000	N/A		115.080	133.340	148.320	143.170	120.940	124.940	77.820	123.373	123.373	27%	186	92.00	63	10172		20248	92
64	10178		54330	170.000	N/A		86.710	101.240	80.890	116.090	104.720	101.400	60.610	93.094	93.094	55%	140	34.00	64	10178		54330	69
64	18966		28492	147.000			53.730	62.730	50.120	110.910	76.540	12.100	43.860	58.570	58.570	40%	88	29.40	64	18966		28492	43
65	10204		10585	722.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	144.40	65	10204		10585	N
65	10204		33529	591.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	118.20	65	10204		33529	N
65	10204		48532	307.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	61.40	65	10204		48532	N
66	10219		77651	320.000	N/A		32.320	100.570	84.620	106.510	89.090	103.070	38.810	79.284	79.284	25%	120	64.00	66	10219		77651	64

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (A
67	5142		10156	432.000		ROTATION 959AC MAX	136.800	158.370	153.750	140.330	124.510	125.660	63.590	129.001	129.001	30%	195	86.40	67	5142		10156	96
67	10228		65720	320.000	N/A	ROTATION 959AC MAX	39.850	41.430	27.410	19.830	35.000	33.140	33.240	32.843	32.843	10%	50	64.00	67	10228		65720	32
67	16960		20985	320.000		ROTATION 959AC MAX	82.360	86.837	82.085	91.591	61.311	55.520	35.000	70.672	70.672	22%	107	64.00	67	16960		20985	64
67	25068		2563	138.000		ROTATION 959AC MAX	98.324	120.226	127.388	138.000	134.205	103.941	65.784	112.552	112.552	82%	170	27.60	67	25068		2563	84
67	25068		19785	153.000			50.804	60.271	57.901	65.819	55.994	116.825	38.458	63.724	63.724	42%	96	30.60	67	25068		19785	47
68	10229		2153	418.000	N/A		199.000	195.150	245.390	210.000	276.467	235.000	191.000	221.715	221.715	53%	334	83.60	68	10229		2153	16
69	10233		48578	495.000	606		21.210	69.970	62.600	20.940	90.530	57.760	39.690	51.814	51.814	10%	78	99.00	69	10233		48578	51
69	23364		46193	218.000		606 AF/YR COM/W #10233	21.210	48.155	72.780	24.580	83.310	65.120	55.410	52.938	52.938	24%	80	43.60	69	23364		46193	43
70	2040		31682	157.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	31.40	70	2040		31682	N
70	10236		10609	505.000			154.450	201.780	217.870	154.240	178.290	178.280	103.060	169.710	169.710	34%	256	101.00	70	10236		10609	12
70	10236		54943	604.000	N/A		155.110	240.460	297.220	165.540	195.800	184.640	81.010	188.540	188.540	31%	284	120.80	70	10236		54943	14
70	16114		13460	53.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.60	70	16114		13460	N
70	16114		24037	50.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.00	70	16114		24037	N
70	16114		26562	141.000			42.000	33.840	65.810	71.320	50.290	43.090	26.680	47.576	47.576	34%	72	28.20	70	16114		26562	35
71	10251		45087	590.000	N/A		146.050	205.510	186.780	266.780	260.090	185.230	142.400	198.977	198.977	34%	300	118.00	71	10251		45087	14
72	10275		50743	360.000	360		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	72.00	72	10275		50743	N
72	25253		31525	201.000		360AF/YR COM/W #10275	155.530	No Use	110.770	26.630	136.553	143.970	107.750	113.534	113.534	56%	171	40.20	72	25253		31525	85
73	10276		20139	320.000	320		29.960	51.220	9.700	56.650	50.140	33.807	58.520	41.428	41.428	13%	62	64.00	73	10276		20139	41
73	23371		53642	256.000		320AF/YR COM/W #10276	29.960	116.710	22.110	129.100	114.250	54.467	42.160	72.680	72.680	28%	110	51.20	73	23371		53642	54
74	250		52495	320.000	360		21.350	13.690	25.060	22.330	20.640	12.900	4.670	17.234	17.234	5%	26	64.00	74	250		52495	17
74	25192		51616	310.000		360 AF/YR COM/W #250	98.010	106.340	106.170	186.540	161.880	99.700	74.820	119.066	119.066	38%	180	62.00	74	25192		51616	89
74a	10290	D1	25852	180.000	N/A	WR #13831 Overlap PU	80.690	64.040	85.680	105.530	109.530	40.570	48.520	76.366	76.366	42%	115	36.00	74a	10290	D1	25852	57
74a	13831		34232	320.000			30.850	85.150	153.950	36.380	138.120	71.880	95.030	87.337	87.337	27%	132	64.00	74a	13831		34232	65
74b	10290	D2	52495	180.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	36.00	74b	10290	D2	52495	N
75	10301		11904	292.000	N/A		No Use	2.430	No Use	No Use	No Use	No Use	No Use	2.430	2.430	1%	4	58.40	75	10301		11904	2.
76	10313		28678	480.000	640		16.690	86.540	63.330	80.970	93.780	92.020	52.860	69.456	69.456	14%	105	96.00	76	10313		28678	69
76	25246		50483	320.000		640AF/YR COM/W 10313	106.260	138.470	157.690	152.870	163.200	137.380	89.260	135.019	135.019	42%	204	64.00	76	25246		50483	101
77	10336		37491	320.000			64.540	77.340	40.360	25.110	35.660	73.790	45.950	51.821	51.821	16%	78	64.00	77	10336		37491	51
77	15224		19510	390.000			151.840	150.270	114.420	117.130	144.900	129.300	91.480	128.477	128.477	33%	194	78.00	77	15224		19510	96
77	15224		49572	250.000	N/A		85.120	85.760	101.180	128.680	119.620	108.680	78.970	101.144	101.144	40%	153	50.00	77	15224		49572	75
77	25035		1587	237.000			70.730	84.540	66.170	43.740	47.640	69.600	32.840	59.323	59.323	25%	89	47.40	77	25035		1587	47
77	25035		47534	208.000			69.700	86.020	58.670	36.610	42.960	52.990	62.170	58.446	58.446	28%	88	41.60	77	25035		47534	43
78	10374		21543	887.000	960		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	177.40	78	10374		21543	N
78	26303		8315	267.000		960AF/YR COM/W #10,374	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	53.40	78	26303		8315	N
79	10387		21044	423.000	N/A	ROTATION 1338 ACRES MAX	31.320	27.230	32.150	34.640	47.590	23.770	19.670	30.910	30.910	7%	47	84.60	79	10387		21044	30
79	19041		23955	189.000		ROTATION 1338 ACRES MAX	28.590	26.790	43.560	38.440	54.380	35.600	30.730	36.870	36.870	20%	56	37.20	79	19041		23955	36
80	8682		23561	320.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	80	8682		23561	N
80	9653		21093	220.000			177.340	84.190	174.995	106.970	119.330	82.590	No Use	124.236	124.236	56%	187	44.00	80	9653		21093	93
80	9653		53967	180.000	1210		102.940	124.620	100.240	72.860	41.390	42.570	No Use	80.770	80.770	45%	122	36.00	80	9653		53967	60
80	10390		21093	502.000		1210AF/YR COM/W #8,682 & 9,653	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	100.40	80	10390		21093	N
80	10390		53967	282.000		1210AF/YR COM/W #8,682 & 9,653	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	56.40	80	10390		53967	N
80	25027		35291	292.000		1210AF/YR COM/W #8,682; 9,653 & 10,390	66.100	81.690	70.000	53.530	5.360	0.110	No Use	46.132	46.132	16%	70	58.40	80	25027		35291	46
81	10392		52161	220.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.00	81	10392		52161	N
82	10395		2300	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	82	10395		2300	N
83	10428		17199	468.000	N/A		No Use	142.520	106.420	111.690	129.030	61.490	No Use	110.230	110.230	24%	166	93.60	83	10428		17199	93
84	10449		2950	167.000	N/A		99.391	55.295	111.845	38.505	22.648	45.446	22.000	56.447	71.189	43%	107	33.40	84	10449		2950	53
84	10449		69793	Multiple PD's		Standby Well	13.740	27.540	1.650	1.810	16.980	26.730	No Use	14.742	Multiple PD's	N/A	N/A	Multiple PD's	84	10449		69793	N
85	10463		20928	640.000	N/A		127.310	126.510	72.530	154.500	147.890	145.500	86.870	123.016	123.016	19%	186	128.00	85	10463		20928	12
86	9441		875	406.000			85.570	94.140	78.680	96.640	88.340	89.650	65.870	85.556	229.428	57%	346	81.20	86	9441		875	17
86	9441		12778	Multiple PD's	466		152.630	102.490	180.060	213.940	134.695	131.457	91.833	143.872	Multiple PD's	N/A	N/A	Multiple PD's	86	9441		12778	N
86	10499		875	466.000		466AF/YR @163SGPM COM/W #9441	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	93.20	86	10499		875	N
86	10499		12778	Multiple PD's		466AF/YR @163SGPM COM/W #9441	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	86	10499		12778	N

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QU AL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QU AL	PDIV#	2 Conse (Al
87	10500		22484	1173.000	973		130.170	150.690	117.170	138.960	190.760	137.250	92.320	136.760	276.747	24%	417	234.60	87	10500		22484	23
87	10500		78203	Multiple PD's			180.120	186.800	123.030	169.580	109.410	133.890	77.080	139.987	Multiple PD's	N/A	N/A	Multiple PD's	87	10500		78203	N
87	20443		4544	108.000		973AF/YR (TOTAL QUANTITY UNDER THIS FILE)	19.120	15.760	17.310	18.350	24.240	20.380	11.790	18.136	18.136	17%	27	21.60	87	20443		4544	18
87	20443		14944	316.000			316.000	316.000	276.920	260.860	165.700	217.320	122.310	239.301	239.301	76%	361	63.20	87	20443		14944	17
87	20443		36062	211.000			26.310	26.010	30.150	22.350	18.290	35.390	10.750	24.179	24.179	11%	36	42.20	87	20443		36062	24
87	20443		39539	143.000			28.870	2.700	23.910	19.720	18.290	14.830	13.850	17.453	17.453	12%	26	28.60	87	20443		39539	17
87	20443		78204	209.000			209.000	209.000	155.260	206.770	149.950	164.900	117.080	173.137	173.137	83%	261	41.80	87	20443		78204	12
87	24071		70018	207.000			189.940	104.680	207.000	207.000	198.850	195.150	118.830	174.493	174.493	84%	263	41.40	87	24071		70018	13
88	10527		43511	734.000	N/A		101.590	130.950	183.530	92.630	96.570	45.830	42.840	99.134	99.134	14%	150	146.80	88	10527		43511	99
89	10571		68062	315.000	N/A		236.680	247.330	166.300	136.580	251.180	189.510	46.250	181.976	181.976	58%	275	63.00	89	10571		68062	13
89	21614		68062	272.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	54.40	89	21614		68062	N
90	9100		37260	250.000	N/A		22.838	92.276	84.126	82.440	52.960	18.274	48.420	57.333	57.333	23%	86	50.00	90	9100		37260	50
90	10577		24092	294.000			138.471	135.746	249.206	150.350	73.570	143.188	111.560	143.156	143.156	49%	216	58.80	90	10577		24092	10
90	15528		77652	416.000			130.759	171.085	251.972	199.640	197.530	186.320	149.222	183.790	183.790	44%	277	83.20	90	15528		77652	13
91	8671		76383	690.000	289		65.974	75.443	91.155	57.966	78.509	127.462	123.447	88.565	88.565	13%	134	138.00	91	8671		76383	88
91	10578		25723	133.000		Limited to 289 AF/YR with other PDIV's under WR #10578	53.596	72.150	106.423	64.894	109.152	99.900	100.100	86.602	86.602	65%	131	26.60	91	10578		25723	64
91	10578		34266	123.000		Limited to 289 AF/YR with other PDIV's under WR #10578	76.630	110.840	114.730	105.830	94.210	66.460	55.550	89.179	89.179	73%	135	24.60	91	10578		34266	66
91	10578		52696	69.000		Limited to 289 AF/YR with other PDIV's under WR #10578	19.330	29.290	37.780	18.700	38.250	41.910	46.440	33.100	33.100	48%	50	13.80	91	10578		52696	24
92	10615		16915	135.000	N/A		98.580	82.240	97.150	101.280	101.970	105.430	84.590	95.891	95.891	71%	145	27.00	92	10615		16915	71
93	10627		2479	452.000	N/A		14.030	No Use	No Use	No Use	No Use	53.570	23.310	30.303	30.303	7%	46	90.40	93	10627		2479	30
93	19596		36769	160.000			20.850	No Use	No Use	No Use	No Use	52.390	18.650	30.630	30.630	19%	46	32.00	93	19596		36769	30
93	22153		1754	130.000			33.520	No Use	No Use	No Use	No Use	37.251	28.081	32.951	32.951	25%	50	26.00	93	22153		1754	26
94	10628		24002	212.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	42.40	94	10628		24002	N
95	10669		2462	342.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	68.40	95	10669		2462	N
95	10669		23755	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	95	10669		23755	N
96	10682		35086	518.000	N/A		199.170	193.400	224.180	237.510	272.180	187.370	127.360	205.881	205.881	40%	311	103.60	96	10682		35086	15
97	10700	D1	45691	455.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	91.00	97	10700	D1	45691	N
98	10726		14845	320.000	N/A		93.780	98.410	101.190	99.730	105.820	93.100	67.050	94.869	94.869	30%	143	64.00	98	10726		14845	71
99	10727		49601	262.000	N/A		84.580	78.980	82.960	91.360	83.980	64.430	49.250	76.506	76.506	29%	115	52.40	99	10727		49601	57
100	10735		53913	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	100	10735		53913	N
101	10769		22431	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	101	10769		22431	N
102	10791		34235	378.000	N/A		77.137	66.261	46.296	5.813	16.257	44.280	61.470	45.359	45.359	12%	68	75.60	102	10791		34235	45
103	3846		3166	590.000	1268		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	118.00	103	3846		3166	N
103	10879		14375	496.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	99.20	103	10879		14375	N
103	10879		24360	332.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	66.40	103	10879		24360	N
103	25190		23673	230.000		1268 AF/YR COM/W 3846 & 10879	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	46.00	103	25190		23673	N
104	10888		44978	261.000	N/A		0.510	No Use	No Use	No Use	No Use	No Use	No Use	0.510	0.510	0%	1	52.20	104	10888		44978	0.
105	10892		18066	342.000	N/A		159.800	157.180	176.840	161.900	174.100	187.900	165.800	169.074	169.074	49%	255	68.40	105	10892		18066	12
105	18965		35722	342.000			148.400	124.200	151.900	157.200	141.400	167.900	123.100	144.871	144.871	42%	219	68.40	105	18965		35722	10
106	10894		11880	130.000	N/A		15.320	7.170	16.590	29.800	9.360	No Use	No Use	15.648	15.648	12%	24	26.00	106	10894		11880	15
107	1320		20392	179.000	600		107.000	130.000	92.000	24.000	89.000	68.000	73.000	83.286	83.286	47%	126	35.80	107	1320		20392	62
107	8139		70143	333.000			64.000	47.000	24.000	66.000	31.000	38.000	23.820	41.974	41.974	13%	63	66.60	107	8139		70143	41
107	8139		71284	387.000			100.000	83.000	89.000	109.000	104.400	84.000	86.000	93.629	93.629	24%	141	77.40	107	8139		71284	77
107	8893		20392	480.000		480AF w/ 1320	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	96.00	107	8893		20392	N
107	10924		20392	600.000		600AF W/ 1320 & 8893	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	120.00	107	10924		20392	N
108	10965		4743	320.000	N/A		86.160	81.750	114.640	90.000	59.000	79.000	72.560	83.301	83.301	26%	126	64.00	108	10965		4743	64
109	10975		25684	319.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	63.80	109	10975		25684	N
109	10975		41673	311.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	62.20	109	10975		41673	N
110	11000		5080	520.000	N/A		35.000	49.000	64.000	90.000	86.000	80.000	35.370	62.767	180.574	35%	272	104.00	110	11000		5080	13
110	11000		31895	Multiple PD's			84.770	130.180	139.210	172.490	109.000	104.000	85.000	117.807	Multiple PD's	N/A	N/A	Multiple PD's	110	11000		31895	N
111	11002		38280	189.000	N/A		163.510	153.570	62.000	63.000	137.000	106.000	92.000	111.011	111.011	59%	167	37.80	111	11002		38280	83
112	11025		48484	320.000	N/A		154.840	129.240	126.700	180.750	148.100	204.260	167.600	158.784	158.784	50%	240	64.00	112	11025		48484	11
113	11043		8001	640.000	640		178.700	139.370	103.260	117.480	168.280	132.020	115.800	136.416	136.416	21%	206	128.00	113	11043		8001	12
113	12521		8001	640.000		640 af w/ 11043	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	113	12521		8001	N
113	17411		42258	217.000		640 com w 11043 12521	107.690	83.980	79.450	58.750	18.420	0.950	13.170	51.773	51.773	24%	78	43.40	113	17411		42258	43
114	11051		23796	470.000	N/A		197.760	111.810	176.510	164.590	225.920	76.000	49.370	143.137	143.137	30%	216	94.00	114	11051		23796	10

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QU AL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QU AL	PDIV#	2 Conse (AI
115	11140		53623	464.000	N/A		35.640	No Use	166.770	196.570	118.000	164.160	152.720	138.977	138.977	30%	210	92.80	115	11140		53623	10
116	3456		7528	640.000	N/A		163.660	263.880	165.100	153.320	178.580	151.430	132.740	172.673	172.673	27%	260	128.00	116	3456		7528	12
116	11176		19336	320.000			45.290	64.580	134.270	207.490	74.170	30.180	8.200	80.740	80.740	25%	122	64.00	116	11176		19336	6
117	11204		11583	242.000	N/A		107.670	108.590	98.620	128.600	119.320	90.410	62.730	102.277	102.277	42%	154	48.40	117	11204		11583	7
118	11277		36335	627.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	125.40	118	11277		36335	N
118	11277		44088	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	118	11277		44088	N
118	24974		5618	204.000			72.790	76.910	71.640	104.960	75.940	100.000	82.000	83.463	83.463	41%	126	40.80	118	24974		5618	6
118	24974		10709	396.000			92.980	99.680	89.170	133.400	96.620	157.000	77.000	106.550	106.550	27%	161	79.20	118	24974		10709	7
119	11332		42871	188.000	188		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	37.60	119	11332		42871	N
119	25116		6146	118.000		limit 188 a/f 11332	64.680	No Use	No Use	No Use	No Use	No Use	No Use	64.680	64.680	55%	98	23.60	119	25116		6146	4
120	11393		23916	558.000	N/A		40.680	98.370	160.690	196.150	147.300	148.090	104.990	128.039	128.039	23%	193	111.60	120	11393		23916	11
120	11393		80084	76.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	15.20	120	11393		80084	N
121	4992		54113	320.000	N/A		219.670	170.520	222.810	257.820	221.090	282.880	149.370	217.737	217.737	68%	328	64.00	121	4992		54113	16
121	11396		60392	208.000			61.900	49.950	97.550	24.690	91.920	79.650	65.040	67.243	67.243	32%	101	41.60	121	11396		60392	5
122	11410		26167	105.000	N/A		58.040	65.850	90.590	105.000	98.000	90.000	78.000	83.640	83.640	80%	126	21.00	122	11410		26167	6
122	25117		46735	215.000			No Use	65.850	90.590	No Use	11.900	25.000	25.120	43.692	43.692	20%	66	43.00	122	25117		46735	4
123	11457		1278	215.000	N/A		20.330	24.750	20.370	28.390	32.760	4.570	11.740	20.416	20.416	9%	31	43.00	123	11457		1278	2
123	11457		25896	208.000			34.560	42.070	34.640	46.340	28.920	30.020	13.450	32.857	32.857	16%	50	41.60	123	11457		25896	3
123	19593		1054	263.000			34.560	42.070	34.640	46.380	36.760	18.980	17.890	33.040	33.040	13%	50	52.60	123	19593		1054	3
124	3322		47100	480.000	640		53.690	No Use	No Use	No Use	No Use	No Use	No Use	53.690	53.690	11%	81	96.00	124	3322		47100	5
124	11494		47100	640.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	124	11494		47100	N
124	17804		448	194.000		lim 640 w/11494	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	38.80	124	17804		448	N
125	8673		23463	466.000	640		136.310	144.150	97.850	72.940	41.750	No Use	No Use	98.600	98.600	21%	149	93.20	125	8673		23463	9
125	9433		50036	640.000			60.870	No Use	No Use	No Use	No Use	No Use	No Use	60.870	60.870	10%	92	128.00	125	9433		50036	6
125	11517		2845	174.000			40.630	37.660	48.970	46.210	No Use	No Use	No Use	43.368	43.368	25%	65	34.80	125	11517		2845	3
125	25298		37234	230.000		lim 640 w/ 9433	41.000	38.000	No Use	No Use	No Use	No Use	No Use	39.500	39.500	17%	60	46.00	125	25298		37234	3
126	5082		1678	226.000	N/A		73.980	41.370	67.690	70.180	67.840	68.160	52.410	63.090	63.090	28%	95	45.20	126	5082		1678	4
126	6870		7066	320.000			6.490	21.140	24.850	19.620	40.970	21.210	15.120	21.343	21.343	7%	32	64.00	126	6870		7066	2
126	11586		61469	225.000			67.830	67.520	66.800	63.980	63.140	63.640	42.240	62.164	62.164	28%	94	45.00	126	11586		61469	4
126	24855		23637	145.000			28.290	30.680	43.020	32.720	31.290	63.260	43.090	38.907	38.907	27%	59	29.00	126	24855		23637	2
127	11605		9090	464.000	N/A		80.000	47.000	74.000	68.000	56.000	No Use	No Use	65.000	65.000	14%	98	92.80	127	11605		9090	6
128	7773		54408	320.000	N/A		143.000	210.000	153.000	215.000	165.000	165.000	123.000	167.714	167.714	52%	253	64.00	128	7773		54408	12
128	11607		54408	114.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	22.80	128	11607		54408	N
129	11609		23617	175.000	N/A		92.710	93.260	108.430	116.410	60.440	90.000	67.000	89.750	89.750	51%	135	35.00	129	11609		23617	6
130	11626		41020	110.000	N/A		No Use	No Use	7.540	97.140	99.590	101.540	48.320	70.826	70.826	64%	107	22.00	130	11626		41020	5
131	11640		42881	200.000	N/A		83.000	83.670	122.980	122.910	116.110	106.610	177.790	116.153	116.153	58%	175	40.00	131	11640		42881	8
132	11690		47856	220.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.00	132	11690		47856	N
132	16893		48185	380.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	76.00	132	16893		48185	N
133	11709		41375	320.000	N/A		8.370	16.020	60.060	No Use	No Use	No Use	No Use	28.150	28.150	9%	42	64.00	133	11709		41375	2
134	11718		38043	140.000	389		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.00	134	11718		38043	N
134	22243		38043	120.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	24.00	134	22243		38043	N
134	27215		29011	220.000		389AF/YR COM/W #11,718 & 22,243	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.00	134	27215		29011	N
135	11737		5838	264.000	N/A		55.420	94.840	68.910	56.940	73.700	83.290	18.110	64.459	64.459	24%	97	52.80	135	11737		5838	5
136	11742		7821	320.000	N/A		No Use	No Use	No Use	No Use	43.170	133.440	62.420	79.677	105.753	33%	160	64.00	136	11742		7821	7
136	11742		86140	Multiple PD's			No Use	No Use	No Use	No Use	19.000	45.230	14.000	26.077	Multiple PD's	N/A	N/A	Multiple PD's	136	11742		86140	N
137	7211		64771	430.000	640		13.140	No Use	2.400	32.670	114.740	103.450	52.970	53.228	53.228	11%	80	96.00	137	7211		64771	5
137	11769		64771	640.000		640 AF/@ 790 GPM COM/W #7211	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	137	11769		64771	N
138	11782		15982	300.000	N/A		113.730	55.650	34.660	73.700	82.490	71.000	62.600	70.547	70.547	24%	106	60.00	138	11782		15982	6
139	1462		3325	400.000	493		10.000	No Use	No Use	No Use	No Use	No Use	No Use	10.000	143.453	36%	216	80.00	139	1462		3325	10
139	1462		12983	Multiple PD's			212.400	99.430	No Use	55.680	166.300	No Use	No Use	133.453	Multiple PD's	N/A	N/A	Multiple PD's	139	1462		12983	N
139	11793		3325	493.000		lim to 493 w/1462	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	98.60	139	11793		3325	N
139	11793		12983	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	139	11793		12983	N
139	13295		3325	143.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.60	139	13295		3325	N
139	13295		12983	114.000		lim to 493 w/1462	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	22.80	139	13295		12983	N
139	13295		14123	306.000		lim to 493 w/1462	13.040	16.760	No Use	No Use	39.000	No Use	No Use	22.933	22.933	7%	35	61.20	139	13295		14123	22
140	4342		69567	451.000	N/A		122.210	138.340	126.120	202.160	136.800	107.090	113.480	135.171	135.171	30%	204	90.20	140	4342		69567	10
140	11824		43581	309.000			95.520	96.250	93.470	160.630	101.340	83.060	91.670	103.134	103.134	33%	156	61.80	140	11824		43581	7

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QU AL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QU AL	PDIV#	2 Conse (AI
141	8485		72600	446.000	N/A		23.210	50.120	55.350	57.800	22.340	71.970	51.420	47.459	47.459	11%	72	89.20	141	8485		72600	47
141	8485		77977	514.000			67.000	52.180	82.470	56.570	37.760	75.830	84.740	65.221	65.221	13%	98	102.80	141	8485		77977	65
141	11878		72600	142.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.40	141	11878		72600	N
141	11878		77977	163.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.60	141	11878		77977	N
142	11959		42305	179.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	35.80	142	11959		42305	N
143	7192		1214	438.000	624	312 max B4 land rotation	94.860	36.880	45.000	48.170	21.370	43.000	24.290	44.796	44.796	10%	68	87.60	143	7192		1214	44
143	8628		1214	624.000		lim 624 w/ 7192	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	124.80	143	8628		1214	N
143	12000		42900	339.000		lim 624 w/ 7192	111.540	151.050	123.070	126.630	129.560	118.260	85.100	120.744	120.744	36%	182	67.80	143	12000		42900	90
144	12001		44537	351.000	N/A		111.950	146.020	88.410	96.520	111.960	19.030	No Use	95.648	95.648	27%	144	70.20	144	12001		44537	71
145	12005		7396	320.000	N/A		243.590	206.650	204.990	208.380	174.820	180.766	135.210	193.487	193.487	60%	292	64.00	145	12005		7396	14
146	1070		32135	755.000	N/A		89.000	111.000	100.000	78.000	44.810	80.010	109.000	87.403	87.403	12%	132	151.00	146	1070		32135	87
146	7813		61341	320.000			136.000	152.000	136.000	143.000	123.000	77.000	78.000	120.714	120.714	38%	182	64.00	146	7813		61341	90
146	12006		42643	169.000			145.000	169.000	169.000	169.000	169.000	127.000	75.380	146.197	146.197	87%	221	33.80	146	12006		42643	10
147	12013		10252	300.000	246		14.220	14.220	No Use	No Use	No Use	No Use	No Use	14.220	14.220	5%	21	60.00	147	12013		10252	14
147	25369		52755	126.000		limit 246 w/ 12013	10.590	11.690	No Use	No Use	No Use	No Use	No Use	11.140	11.140	9%	17	25.20	147	25369		52755	11
148	12029		50326	291.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	58.20	148	12029		50326	N
149	12174		27745	320.000	N/A		4.930	52.760	160.270	119.320	123.050	116.970	61.700	91.286	91.286	29%	138	64.00	149	12174		27745	68
150	12227		49191	360.000	N/A		91.610	92.140	70.000	97.000	89.690	97.750	86.390	89.226	89.226	25%	135	72.00	150	12227		49191	72
151	12250		47489	310.000	N/A		202.180	99.870	33.120	125.270	103.160	91.380	28.740	97.674	97.674	32%	147	62.00	151	12250		47489	73
152	12280		22737	366.000	N/A		118.340	177.380	144.370	159.980	125.910	126.230	126.370	139.797	139.797	38%	211	73.20	152	12280		22737	10
153	12305		53806	149.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	29.80	153	12305		53806	N
154	12306		42535	191.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	38.20	154	12306		42535	N
155	1323		2454	640.000	N/A		140.000	96.000	171.000	372.000	143.230	274.580	306.890	214.814	283.881	44%	428	128.00	155	1323		2454	21
155	1323		44249	Multiple PD's			87.000	62.470	38.000	62.000	72.000	99.000	63.000	69.067	Multiple PD's	N/A	N/A	Multiple PD's	155	1323		44249	N
155	12346		2454	69.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	13.80	155	12346		2454	N
155	12346		44249	91.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	18.20	155	12346		44249	N
156	12392		25006	320.000	N/A		85.490	80.850	75.010	96.970	74.140	67.840	53.060	76.194	76.194	24%	115	64.00	156	12392		25006	64
157	12441		2804	254.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	50.80	157	12441		2804	N
157	12441		19446	110.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	22.00	157	12441		19446	N
158	3086		14923	320.000	640		33.300	43.270	35.700	31.070	51.930	25.260	19.460	34.284	34.284	11%	52	64.00	158	3086		14923	34
158	9347		50974	281.000			37.740	49.040	40.460	62.190	48.660	49.340	38.850	46.611	46.611	17%	70	56.20	158	9347		50974	46
158	9849		63706	203.000		640AF/YR COM/W #3,086, 9,347	17.760	23.080	19.040	29.500	27.140	28.630	18.570	23.389	23.389	12%	35	40.60	158	9849		63706	23
158	12455	D2	14070	180.000		640AF COM/W #3086, 9347 9849	33.300	43.270	35.700	47.870	50.650	45.360	26.890	40.434	40.434	22%	61	36.00	158	12455	D2	14070	36
159	4688		46058	Multiple PD's	640		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	159	4688		46058	N
159	4688		64711	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	159	4688		64711	N
159	4688		64712	526.000			91.040	115.720	107.620	132.180	134.970	119.200	58.510	108.463	108.463	21%	164	105.20	159	4688		64712	10
159	8700		46058	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	159	8700		46058	N
159	8700		64711	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	159	8700		64711	N
159	8700		64712	543.000		geo center lim 635 af w/4688	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	108.60	159	8700		64712	N
159	12455	D1	9799	317.000		lim 640 af w/ 4688	74.600	97.470	93.160	113.660	134.130	62.120	39.310	87.779	87.779	28%	132	63.40	159	12455	D1	9799	65
160	12482		28628	165.000	N/A		165.000	165.000	145.000	158.000	146.000	128.000	136.000	149.000	149.000	90%	225	33.00	160	12482		28628	11
160	12482		49401	83.000			No Use	No Use	65.740	67.000	62.000	59.000	58.000	62.348	62.348	75%	94	16.60	160	12482		49401	46
161	12610		44314	360.000	360		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	72.00	161	12610		44314	N
161	23427		46065	66.000		360AF/YR COM/W #12,610	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	13.20	161	23427		46065	N
162	12623		27526	302.000	N/A		101.000	101.000	75.570	92.000	79.000	42.000	42.000	76.081	76.081	25%	115	60.40	162	12623		27526	60
163	7572		40970	960.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	192.00	163	7572		40970	N
163	7572		43382	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	163	7572		43382	N
163	7572		46347	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	163	7572		46347	N
163	12732		43382	173.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	34.60	163	12732		43382	N
164	12757		299	383.000	N/A		123.880	115.560	109.350	77.170	0.690	No Use	No Use	85.330	85.330	22%	129	76.60	164	12757		299	76
164	12757		14463	257.000			76.000	70.000	68.000	80.000	52.740	No Use	No Use	69.348	69.348	27%	105	51.40	164	12757		14463	52
165	12758		34637	192.000	N/A		73.000	41.000	136.000	197.000	190.000	143.000	No Use	130.000	130.000	68%	196	38.40	165	12758		34637	97
166	12761		2840	284.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	56.80	166	12761		2840	N
166	12761		5658	272.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	54.40	166	12761		5658	N
167	12794		2891	426.000	960	b4 land rotation max 480 ac	215.000	244.000	271.000	273.000	211.000	229.000	160.000	229.000	229.000	54%	345	85.20	167	12794		2891	17
167	12794		76255	534.000			No Use	93.000	61.000	19.000	78.000	73.000	28.000	58.667	58.667	11%	89	106.80	167	12794		76255	58
167	25191		83880	238.000		Limitation 960 af	83.770	126.790	132.790	52.000	50.000	30.000	16.000	70.193	70.193	29%	106	47.60	167	25191		83880	52

Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info					LEMA
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168	12855		5872	295.000	N/A		101.260	111.330	99.210	110.910	97.010	82.110	83.210	97.863	97.863	33%	148	59.00	168	12855		5872	73
169	12918		17446	320.000	N/A		93.200	133.000	91.280	148.000	148.000	113.000	77.000	114.783	114.783	36%	173	64.00	169	12918		17446	86
169	12918		51225	104.000			50.120	65.960	69.600	55.000	62.000	42.000	32.000	53.811	53.811	52%	81	20.80	169	12918		51225	40
169	17065		21779	216.000			63.850	76.130	75.310	71.000	68.000	53.000	41.000	64.041	64.041	30%	97	43.20	169	17065		21779	48
170	4854		46859	320.000	N/A		171.640	172.790	225.880	224.630	243.970	230.520	219.530	212.709	212.709	66%	321	64.00	170	4854		46859	15
170	12934		2606	600.000			232.620	314.800	252.900	411.140	395.050	277.220	330.150	316.269	316.269	53%	477	120.00	170	12934		2606	23
170	18895		5425	320.000			206.460	211.230	241.530	251.070	248.680	251.710	172.100	226.111	226.111	71%	341	64.00	170	18895		5425	16
171	13048		1554	320.000	N/A		172.160	258.550	194.700	205.930	130.560	80.590	165.090	172.511	172.511	54%	260	64.00	171	13048		1554	12
171	13048		23807	320.000			171.150	202.190	191.960	286.000	170.730	143.400	122.220	183.950	183.950	57%	278	64.00	171	13048		23807	13
172	13104		40406	410.000	N/A		97.210	106.040	94.680	96.290	85.640	131.230	68.690	97.111	97.111	24%	146	82.00	172	13104		40406	82
173	13105		29834	537.000	N/A		31.160	94.160	134.820	151.000	119.000	96.000	50.000	96.591	96.591	18%	146	107.40	173	13105		29834	96
174	13140		41812	320.000	N/A		112.460	113.330	125.920	142.840	79.400	134.690	115.980	117.803	117.803	37%	178	64.00	174	13140		41812	88
175	4469		10903	1128.000	N/A		36.000	49.000	42.000	No Use	No Use	No Use	No Use	42.333	221.000	20%	333	225.60	175	4469		10903	22
175	4469		16018	Multiple PD's			84.000	114.000	99.000	No Use	No Use	No Use	No Use	99.000	Multiple PD's	N/A	N/A	Multiple PD's	175	4469		16018	N
175	4469		62364	Multiple PD's			69.000	91.000	79.000	No Use	No Use	No Use	No Use	79.667	Multiple PD's	N/A	N/A	Multiple PD's	175	4469		62364	N
175	9061		10903	140.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.00	175	9061		10903	N
175	9061		16018	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	175	9061		16018	N
175	9061		62364	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	175	9061		62364	N
175	13272		22549	320.000			74.000	95.000	83.000	No Use	No Use	No Use	No Use	84.000	84.000	26%	127	64.00	175	13272		22549	64
175	19008		25801	116.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	23.20	175	19008		25801	N
176	13304		47945	320.000	N/A		81.490	69.720	95.550	109.490	85.650	85.700	72.030	85.661	85.661	27%	129	64.00	176	13304		47945	64
176	13471		39032	360.000			80.000	112.000	145.000	179.000	139.000	117.000	109.000	125.857	125.857	35%	190	72.00	176	13471		39032	94
176	13902		41859	320.000			73.000	110.000	121.000	174.000	141.000	125.000	99.000	120.429	120.429	38%	182	64.00	176	13902		41859	90
177	13402		44560	620.000	N/A		152.430	212.130	190.250	278.040	290.540	161.150	102.860	198.200	198.200	32%	299	124.00	177	13402		44560	14
177	13976		46273	320.000			76.120	117.510	95.080	119.090	133.910	75.480	51.190	95.483	95.483	30%	144	64.00	177	13976		46273	71
178	13457		53816	320.000	N/A		147.780	179.430	160.110	203.560	180.160	159.990	116.000	163.861	163.861	51%	247	64.00	178	13457		53816	12
179	13470		50528	640.000	N/A		179.040	171.450	162.000	223.000	184.000	130.000	62.900	158.913	158.913	25%	240	128.00	179	13470		50528	12
180	8376		563	213.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	42.60	180	8376		563	N
180	13531		30778	372.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	74.40	180	13531		30778	N
180	13531		53227	565.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	113.00	180	13531		53227	N
181	13547		2057	243.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	48.60	181	13547		2057	N
181	13547		46705	272.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	54.40	181	13547		46705	N
182	13612		27995	144.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	28.80	182	13612		27995	N
182	13612		44016	48.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	9.60	182	13612		44016	N
183	6860		31572	80.000	N/A		No Use	80.000	74.381	81.405	38.868	66.078	50.000	65.122	65.122	81%	98	16.00	183	6860		31572	48
183	13656		31572	19.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	3.80	183	13656		31572	N
183	13656		33312	58.000			26.100	No Use	58.000	No Use	49.600	34.830	4.800	34.666	34.666	60%	52	11.60	183	13656		33312	26
184	13713		29124	314.000	N/A		166.540	249.250	151.510	145.750	118.030	108.020	130.010	152.730	152.730	49%	230	62.80	184	13713		29124	11
184	13713		49114	320.000			122.850	162.030	156.590	221.020	205.630	167.790	163.760	171.381	171.381	54%	259	64.00	184	13713		49114	12
184	21502		33376	182.000			38.580	55.970	28.380	16.970	46.600	47.850	44.490	39.834	39.834	22%	60	36.40	184	21502		33376	36
185	13714		10565	320.000	N/A		106.300	92.890	70.360	39.594	52.526	13.940	79.630	65.034	65.034	20%	98	64.00	185	13714		10565	64
186	13717		40780	320.000	N/A		75.580	65.160	82.860	45.165	31.165	21.528	No Use	53.576	53.576	17%	81	64.00	186	13717		40780	53
187	13749	D2	52382	386.000	N/A		63.980	88.270	113.030	89.980	99.570	81.950	69.970	86.679	86.679	22%	131	77.20	187	13749	D2	52382	77
187	20232		47181	272.000			56.977	109.980	107.830	28.090	73.490	72.740	74.370	74.782	74.782	27%	113	54.40	187	20232		47181	56
188	13749	D1	8684	222.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.40	188	13749	D1	8684	N
188	13749	D1	17283	244.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	48.80	188	13749	D1	17283	N
189	13766		13677	219.000	640		95.560	98.560	83.330	111.470	56.670	80.660	46.240	81.784	81.784	37%	123	43.80	189	13766		13677	61
189	24028		36623	221.000			125.080	140.880	114.650	126.240	112.260	99.980	93.160	116.036	116.036	53%	175	44.20	189	24028		36623	87
189	24792		11374	207.000		640AF/YR COM/ W #13,766 & 24,024	13.820	24.780	44.845	35.000	11.770	43.340	47.450	31.572	31.572	15%	48	41.40	189	24792		11374	31
190	13787		33842	56.000	N/A		42.820	47.360	56.000	24.880	19.250	23.330	18.790	33.204	33.204	59%	50	11.20	190	13787		33842	24
190	13787		39293	80.000			42.030	47.060	55.970	57.440	45.500	46.910	38.200	47.587	47.587	59%	72	16.00	190	13787		39293	35
190	13787		44786	118.000			42.950	47.380	56.430	94.870	74.760	85.680	64.010	66.583	66.583	56%	100	23.60	190	13787		44786	49
191	4143		63430	600.000	N/A		87.830	91.390	108.930	95.220	71.790	180.740	73.610	101.359	101.359	17%	153	120.00	191	4143		63430	10
191	13805		32410	181.000			51.300	39.050	47.080	54.120	28.640	51.130	49.959	45.897	45.897	25%	69	36.20	191	13805		32410	36
192	13820		49425	284.000	N/A		54.600	32.140	35.109	41.455	36.630	33.370	21.450	36.393	36.393	13%	55	56.80	192	13820		49425	36
194	13854		12929	320.000	N/A		150.120	22.303	105.778	84.950	70.130	120.080	53.300	86.666	86.666	27%	131	64.00	194	13854		12929	64

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	Z Conse (AF
195	8980		26353	250.000	N/A		21.130	24.160	19.330	No Use	No Use	No Use	No Use	21.540	21.540	9%	32	50.00	195	8980		26353	21
195	13919		37661	123.000			76.730	90.640	9.290	97.500	92.070	85.280	No Use	75.252	75.252	61%	114	24.60	195	13919		37661	56
196	13977		35093	203.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	40.60	196	13977		35093	N
197	14016		4918	88.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.60	197	14016		4918	N
198	4194		11204	159.000	N/A		54.200	83.190	82.040	62.330	45.150	25.950	22.440	53.614	53.614	34%	81	31.80	198	4194		11204	40
198	14132		54042	161.000			82.580	102.720	145.480	124.670	109.210	83.740	49.810	99.744	99.744	62%	150	32.20	198	14132		54042	74
198	14132		85427	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	198	14132		85427	N
199	14257		15638	312.000	N/A		16.580	19.350	52.770	22.800	44.530	No Use	No Use	31.206	31.206	10%	47	62.40	199	14257		15638	31
200	14258	D2	54929	152.000	N/A		28.040	123.090	116.320	150.800	142.630	77.826	115.070	107.682	107.682	71%	162	30.40	200	14258	D2	54929	80
201	14258	D1	34517	160.000	N/A		78.950	74.030	112.190	96.140	136.140	64.370	No Use	93.637	93.637	59%	141	32.00	201	14258	D1	34517	70
202	14376		38541	212.000	N/A		75.190	47.900	No Use	No Use	No Use	No Use	No Use	61.545	61.545	29%	93	42.40	202	14376		38541	46
203	14462		6906	306.000	N/A		85.360	90.990	141.380	150.840	131.030	122.750	86.790	115.591	115.591	38%	174	61.20	203	14462		6906	86
203	14462		38912	334.000			84.700	90.040	141.610	151.700	141.570	127.500	91.390	118.359	118.359	35%	179	66.80	203	14462		38912	88
204	6805		67710	640.000	N/A		79.450	95.190	114.390	98.810	94.000	128.490	92.510	100.406	100.406	16%	151	128.00	204	6805		67710	10
204	14470		4750	234.000			64.880	54.960	78.300	87.780	82.720	65.260	33.680	66.797	66.797	29%	101	46.80	204	14470		4750	50
205	14514		11617	312.000	N/A		99.310	No Use	97.294	37.771	No Use	161.283	118.105	102.753	102.753	33%	155	62.40	205	14514		11617	77
206	8085		29425	280.000	320	320AF/year with 25289, 14555, 8085Overlap	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	56.00	206	8085		29425	N
206	14555		47274	199.000		320AF/year with 25289, 14555, 8085Overlap	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	39.80	206	14555		47274	N
206	25289		36649	134.000		320AF/year with 25289, 14555, 8085Overlap	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	26.80	206	25289		36649	N
207	8799		50558	640.000	N/A		133.400	137.160	149.880	257.100	157.880	181.900	158.220	167.934	167.934	26%	253	128.00	207	8799		50558	12
207	14568		37787	424.000			367.460	418.060	283.280	285.260	339.900	249.320	211.800	307.869	307.869	73%	464	84.80	207	14568		37787	23
208	14589		32126	260.000	N/A		86.890	100.550	99.930	107.730	86.910	64.480	78.356	89.264	89.264	34%	135	52.00	208	14589		32126	66
208	17875		36499	149.000			47.850	36.410	49.820	64.200	52.820	49.070	50.890	50.151	50.151	34%	76	29.80	208	17875		36499	37
209	14693		28859	320.000	N/A		78.550	81.200	77.373	67.790	No Use	No Use	No Use	76.228	76.228	24%	115	64.00	209	14693		28859	64
210	14695		38704	222.000	940		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.40	210	14695		38704	N
210	14695		49420	221.000			No Use	3.540	1.750	6.340	20.320	122.470	2.150	26.095	26.095	12%	39	44.20	210	14695		49420	26
210	14695		85958	241.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	48.20	210	14695		85958	N
210	24312		5153	265.000		940AF/YR COM/W 14,695	No Use	3.850	2.670	9.270	11.240	15.040	4.550	7.770	7.770	3%	12	53.00	210	24312		5153	7.
211	14718		51861	320.000	N/A		120.310	179.300	68.200	145.900	137.170	118.030	74.700	120.516	120.516	38%	182	64.00	211	14718		51861	90
212	14836		16792	160.000	N/A		139.030	106.300	143.650	160.000	160.000	67.909	46.279	117.595	117.595	73%	177	32.00	212	14836		16792	88
213	14976		28716	320.000	N/A		96.710	102.120	122.950	127.550	138.710	131.120	105.940	117.871	117.871	37%	178	64.00	213	14976		28716	88
214	14986		43801	167.000	192		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.40	214	14986		43801	N
214	24887		7695	52.000		192AF/YR COM/W #14986	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.40	214	24887		7695	N
215	7453		54230	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	215	7453		54230	N
215	15006		54230	87.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.40	215	15006		54230	N
215	25357		49040	233.000			89.000	83.960	91.000	109.000	131.000	31.000	49.000	83.423	83.423	35%	126	46.60	215	25357		49040	62
216	1276		8058	450.000	450	450AF/YR COM/W #15007 WELL ID 01, LIMITED TO 885GPM COM/W #1276	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	90.00	216	1276		8058	N
216	15007		8058	111.000		450AF/YR COM/W #1276	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	22.20	216	15007		8058	N
216	15007		53977	174.000		450AF/YR COM/W #1276	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	34.80	216	15007		53977	N
217	15056		29757	310.000	N/A		134.040	187.380	158.280	182.630	182.480	130.640	83.120	151.224	151.224	49%	228	62.00	217	15056		29757	11
218	7260		62119	294.000	N/A		105.090	92.860	107.090	96.700	121.020	110.780	85.830	102.767	102.767	35%	155	58.80	218	7260		62119	77
218	15252		8565	346.000			69.460	52.320	62.430	31.570	72.790	87.160	52.770	61.214	61.214	18%	92	69.20	218	15252		8565	61
219	7630		23101	743.000	1280	1280AF per year with 15258 & 21937	43.270	74.820	89.430	79.160	66.520	95.180	70.490	74.124	74.124	10%	112	148.60	219	7630		23101	74
219	7630		38311	290.000		1280AF per year with 15258 & 21937	86.510	99.760	119.240	91.100	129.770	132.390	92.970	107.391	107.391	37%	162	58.00	219	7630		38311	80
219	15259		31904	277.000		1280AF per year with 7630	64.820	102.600	97.000	83.000	113.000	88.000	50.000	85.489	85.489	31%	129	55.40	219	15259		31904	64
219	21937		18730	365.000		1280AF per year with 7630 & 15258	116.260	141.580	157.980	145.760	115.620	95.580	96.190	124.139	124.139	34%	187	73.00	219	21937		18730	93
219	21937		52528	305.000		1280AF per year with 7630 & 15258	93.830	106.120	155.860	106.060	115.610	106.290	71.270	107.863	107.863	35%	163	61.00	219	21937		52528	80
220	280		79511	80.000	N/A		No Use	No Use	4.502	17.776	19.680	21.240	16.530	15.946	15.946	20%	24	16.00	220	280		79511	15
220	989		34090	320.000			61.960	60.980	99.140	99.730	85.540	72.100	54.045	76.214	76.214	24%	115	64.00	220	989		34090	64
220	8326		36305	320.000			70.820	79.650	123.080	101.650	62.420	56.800	48.431	77.550	77.550	24%	117	64.00	220	8326		36305	64
220	15304		34441	372.000			36.610	41.460	55.440	56.560	39.960	75.500	58.482	52.002	52.002	14%	78	74.40	220	15304		34441	52
220	15304		36305	83.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	16.60	220	15304		36305	N
220	15304		79511	60.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	12.00	220	15304		79511	N
221	1599		31956	385.000	1080	1080AF/YR @1973GPM COM/W #15373& 4052	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	77.00	221	1599		31956	N
221	4052		11353	188.000		1080AF/YR @1973GPM COM/W #1599 & 15373	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	37.60	221	4052		11353	N
221	4052		31956	Multiple PD's		1080AF/YR @1973GPM COM/W #1599 & 15373	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	221	4052		31956	N
221	15373		959	555.000		ID02 LIMIT TO 343AF/YR COM/W #1599 & 4052; 1080AF/YR COM/W #1599 & 4052	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	111.00	221	15373		959	N
221	15373		11353	343.000		ID02 LIMIT TO 343AF/YR COM/W #1599 & 4052; 1080AF/YR COM/W #1599 & 4052	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	68.60	221	15373		11353	N

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
222	15392		24384	232.000	N/A		12.045	61.530	26.044	No Use	No Use	No Use	No Use	33.207	33.207	14%	50	46.40	222	15392		24384	33
222	15392		26008	383.000			37.796	98.423	51.670	73.342	21.512	No Use	No Use	56.549	56.549	15%	85	76.60	222	15392		26008	56
222	15392		54809	218.000			17.276	36.511	27.976	36.164	5.688	No Use	No Use	24.723	24.723	11%	37	43.60	222	15392		54809	24
223	15436		52435	295.000	N/A		119.990	126.600	135.830	134.660	119.940	131.970	80.160	121.336	121.336	41%	183	59.00	223	15436		52435	91
224	15448		35641	96.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	19.20	224	15448		35641	N
224	15448		49459	96.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	19.20	224	15448		49459	N
225	15525		41389	168.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	33.60	225	15525		41389	N
226	15741		29002	320.000	N/A		192.790	187.460	171.010	184.800	184.240	155.820	98.850	167.853	167.853	52%	253	64.00	226	15741		29002	12
227	15909		20324	504.000	N/A		128.500	153.110	151.320	188.650	164.780	158.758	9.050	136.310	136.310	27%	206	100.80	227	15909		20324	10
228	16011		41880	372.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	74.40	228	16011		41880	N
229	16113		3172	102.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	20.40	229	16113		3172	N
229	16113		5602	126.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	25.20	229	16113		5602	N
229	16113		17385	119.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	23.80	229	16113		17385	N
229	16113		19616	84.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	16.80	229	16113		19616	N
229	16113		35814	69.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	13.80	229	16113		35814	N
230	16250		30961	130.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	26.00	230	16250		30961	N
231	16257		32635	238.000	N/A		10.010	76.570	30.280	56.960	46.320	73.960	40.390	47.784	47.784	20%	72	47.60	231	16257		32635	47
232	16306		21752	235.000	N/A		42.470	53.500	71.460	70.410	76.770	39.020	26.860	54.356	54.356	23%	82	47.00	232	16306		21752	47
232	16306		28632	391.000			104.790	119.670	155.650	154.690	167.460	178.880	124.730	143.696	143.696	37%	217	78.20	232	16306		28632	10
233	16311		26501	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	233	16311		26501	N
234	16351		7968	133.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	26.60	234	16351		7968	N
235	16396		23296	102.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	20.40	235	16396		23296	N
236	16411		21349	164.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.80	236	16411		21349	N
237	16430		42594	120.000	N/A	280 AF/YR auth w/ WR #16431	116.030	123.590	137.440	133.260	145.060	126.530	77.660	122.796	122.796	44%	185	24.00	237	16430		42594	92
237	16431		42594	160.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.00	237	16431		42594	N
238	4130		53045	348.000	400	400AF/YR COM/W ANY OTHER WATER RIGHT 8145	186.770	212.340	182.980	212.860	179.550	160.200	17.390	164.584	164.584	47%	248	69.60	238	4130		53045	12
238	8145		53045	400.000		400AF/YR COM/W ANY OTHER WATER RIGHT @1008GPM ON LAND/CERT #4130	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	80.00	238	8145		53045	N
238	16444		23733	378.000			176.290	18.456	172.730	237.590	178.580	142.580	149.560	153.684	153.684	41%	232	75.60	238	16444		23733	11
239	16514		18672	381.000	640	640AF/YR - MULTI YEAR	41.100	44.250	64.670	112.810	19.510	100.340	56.440	62.731	62.731	16%	95	76.20	239	16514		18672	62
239	16514		33511	342.000		640AF/YR - MULTI YEAR	5.770	No Use	31.820	55.360	198.230	208.280	225.570	120.838	120.838	35%	182	68.40	239	16514		33511	90
239	16514		50849	295.000		640AF/YR - MULTI YEAR	61.850	61.990	100.990	107.340	46.640	28.080	25.010	61.700	61.700	21%	93	59.00	239	16514		50849	59
240	16556		30339	350.000	N/A		No Use	No Use	No Use	113.230	55.400	43.570	No Use	70.733	70.733	20%	107	70.00	240	16556		30339	70
241	16666		19819	160.000	N/A	5 year allocation S6SAF 2017-2021	160.000	160.000	158.480	153.890	158.100	157.960	100.250	149.811	149.811	94%	226	32.00	241	16666		19819	11
242	16795		47635	640.000	640	640AF/YR COM/W #28828	169.470	169.430	71.850	171.890	177.590	104.500	107.370	138.871	138.871	22%	209	128.00	242	16795		47635	12
242	28828		22208	320.000		640AF/YR COM/W #16,795	171.240	139.090	126.450	132.450	137.060	97.270	60.690	123.464	123.464	39%	186	64.00	242	28828		22208	92
243	16934		23058	320.000	N/A		142.240	161.760	177.860	192.400	148.820	149.890	120.790	156.251	156.251	49%	236	64.00	243	16934		23058	11
244	17049		1335	320.000	N/A		222.920	192.570	255.820	218.410	261.960	272.180	214.430	234.041	234.041	73%	353	64.00	244	17049		1335	17
245	7548		81189	502.000	N/A		215.920	129.170	96.090	166.757	101.684	41.918	No Use	125.257	125.257	25%	189	100.40	245	7548		81189	10
245	17076		6387	218.000	N/A		22.180	No Use	No Use	No Use	No Use	No Use	No Use	22.180	22.180	10%	33	43.60	245	17076		6387	22
245	21150		20053	372.000			138.270	No Use	No Use	No Use	13.610	134.540	71.530	89.488	89.488	24%	135	74.40	245	21150		20053	74
246	17088		16475	248.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	49.60	246	17088		16475	N
247	17117		53570	500.000	N/A		115.320	39.840	124.690	176.390	14.400	170.140	128.490	109.896	109.896	22%	166	100.00	247	17117		53570	10
248	17265		7590	359.000	N/A		87.350	89.990	84.460	63.600	199.400	170.060	72.990	109.693	109.693	31%	165	71.80	248	17265		7590	82
249	8914		41801	320.000	361	361AF combined with ID1-17274	117.580	119.890	108.400	103.390	78.380	58.980	21.549	86.881	86.881	27%	131	64.00	249	8914		41801	65
249	17274		32534	279.000		1264GPM @361AF ON IDO1 COM/W 8914	104.320	119.990	116.570	126.360	87.579	125.350	39.680	102.836	102.836	37%	155	55.80	249	17274		32534	77
249	17274		41801	267.000		1264GPM @361AF ON IDO1 COM/W 8914	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	53.40	249	17274		41801	N
250	17427		35261	233.000	N/A		130.110	142.540	152.710	172.960	105.630	No Use	No Use	140.790	140.790	60%	212	46.60	250	17427		35261	10
251	1339		13400	300.000	N/A		183.730	148.806	214.337	243.823	180.766	157.123	118.431	178.145	178.145	59%	269	60.00	251	1339		13400	13
251	17550		13400	561.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	112.20	251	17550		13400	N
251	17550		23646	379.000			107.710	113.100	127.860	162.150	120.921	133.379	95.893	123.002	123.002	32%	186	75.80	251	17550		23646	92
252	17572		29835	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	252	17572		29835	N
253	17590		413	40.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	8.00	253	17590		413	N
254	17592		47830	260.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	52.00	254	17592		47830	N
255	2655		74325	320.000	320	320AF/YR 17612	43.780	286.000	30.530	32.550	22.890	81.350	74.120	81.603	81.603	26%	123	64.00	255	2655		74325	64
255	17612		44966	165.000		320AF/YR COM/W #2655	17.510	57.450	16.350	68.870	24.450	52.870	34.990	38.927	38.927	24%	59	33.00	255	17612		44966	33

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AF
256	17691		13112	157.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	31.40	256	17691		13112	
256	17691		41763	155.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	31.00	256	17691		41763	
256	21683		31288	125.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	25.00	256	21683		31288	
257	17821		75693	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	257	17821		75693	
258	17927		9174	480.000	N/A		121.730	162.530	146.840	169.450	142.730	171.070	117.080	147.347	147.347	31%	222	96.00	258	17927		9174	11
259	5543		3804	452.000	934	Limited to 934AF/year when combined with 17984 & 20592	33.470	31.760	9.940	1.880	23.360	22.700	26.880	21.424	21.424	5%	32	90.40	259	5543		3804	21
259	17984		62899	236.000		Limited to 934AF/year when combined with 5543 & 20592	188.400	211.620	211.610	187.280	177.590	143.470	126.860	178.119	178.119	75%	269	47.20	259	17984		62899	13
259	20592		62898	270.000		Limited to 934AF/year when combined with 5543 & 17984	186.290	219.260	259.770	270.000	205.170	165.720	132.380	205.513	205.513	76%	310	54.00	259	20592		62898	15
260	5687		42923	404.000	N/A		73.550	73.220	No Use	67.018	42.348	55.753	No Use	62.378	62.378	15%	94	80.80	260	5687		42923	62
260	18005		13151	156.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	31.20	260	18005		13151	
261	18051		43916	310.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	62.00	261	18051		43916	
262	18069		3024	424.000	N/A		194.350	211.350	220.420	261.990	233.900	230.960	126.580	211.364	211.364	50%	319	84.80	262	18069		3024	15
263	967		28091	200.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	40.00	263	967		28091	
263	18131		23901	407.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	81.40	263	18131		23901	
264	18161		44919	221.000	N/A		110.290	90.840	86.920	144.480	82.120	107.450	95.400	102.500	102.500	46%	155	44.20	264	18161		44919	76
265	2364		67092	339.000	N/A		127.880	156.140	165.290	159.270	101.930	127.080	108.680	135.181	135.181	40%	204	67.80	265	2364		67092	10
265	2936		82629	149.000			14.030	13.610	6.490	8.160	10.210	10.770	10.390	10.523	10.523	7%	16	29.80	265	2936		82629	10
265	18231		8939	142.000			23.120	14.970	17.510	16.050	36.780	30.140	25.660	23.461	23.461	17%	35	28.40	265	18231		8939	23
266	5866		13859	444.000	646		21.140	No Use	42.070	62.500	116.770	53.000	79.000	62.413	62.413	14%	94	88.80	266	5866		13859	62
266	9421		13859	Multiple PD's		646AF W/5866	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	266	9421		13859	
266	9421		28844	646.000		646AF W/5866	12.000	No Use	65.000	106.890	77.000	24.000	71.000	59.315	59.315	9%	89	129.20	266	9421		28844	59
266	18244		1513	339.000			11.320	No Use	44.110	66.330	60.220	44.000	59.000	47.497	47.497	14%	72	67.80	266	18244		1513	47
267	18284		33857	103.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	20.60	267	18284		33857	
267	18284		44808	52.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.40	267	18284		44808	
267	18284		47705	161.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.20	267	18284		47705	
268	18285		27076	148.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	29.60	268	18285		27076	
269	18316		42413	308.000	N/A		183.890	134.310	185.420	193.340	227.720	215.000	127.000	180.954	180.954	59%	273	61.60	269	18316		42413	13
270	3211		28090	340.000	N/A		104.650	59.660	97.980	93.250	85.820	49.320	72.690	80.481	80.481	24%	121	68.00	270	3211		28090	68
270	18384		35859	126.000			75.720	68.840	30.930	15.010	54.080	50.490	41.100	48.024	48.024	38%	72	25.20	270	18384		35859	36
271	18417		25826	263.000	N/A		177.980	179.150	203.180	172.910	148.320	137.000	111.000	161.363	161.363	61%	243	52.60	271	18417		25826	12
271	18417		52152	377.000			212.790	204.170	198.190	180.420	166.830	161.000	122.000	177.914	177.914	47%	268	75.40	271	18417		52152	13
272	9774		44518	480.000	454		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	96.00	272	9774		44518	
272	18512		8385	200.000		454 AF/W 9774	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	40.00	272	18512		8385	
273	18513		44762	205.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	41.00	273	18513		44762	
274	18628		26132	203.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	40.60	274	18628		26132	
275	18742		3936	259.000	N/A		103.600	189.610	256.340	259.000	244.410	109.310	193.000	193.610	193.610	75%	292	51.80	275	18742		3936	14
276	18793		51908	90.000	N/A	CRP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	18.00	276	18793		51908	
277	19044		28926	190.000	N/A		68.980	No Use	No Use	No Use	No Use	No Use	No Use	68.980	68.980	36%	104	38.00	277	19044		28926	51
277	19044		43146	107.000			33.250	No Use	No Use	No Use	No Use	No Use	No Use	33.250	33.250	31%	50	21.40	277	19044		43146	24
278	19301		14597	109.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	21.80	278	19301		14597	
278	19301		34549	90.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	18.00	278	19301		34549	
279	9639		5546	211.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	42.20	279	9639		5546	
279	9639		5546	41.980			7.210	6.950	6.190	7.230	7.850	9.720	5.450	7.229	7.229	17%	11	8.40	279	9639		5546	7.
279	9639		28457	269.000			2.000	2.000	1.000	1.000	No Use	No Use	No Use	1.500	1.500	1%	2	53.80	279	9639		28457	1
279	19511		7799	144.000			49.620	29.820	124.670	99.610	85.410	No Use	No Use	77.826	77.826	54%	117	28.80	279	19511		7799	58
280	3128		17273	281.000	1044		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	56.20	280	3128		17273	
280	3585		14788	320.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	280	3585		14788	
280	19691		90	106.000		869 AF W/ 3128 &3585	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	21.20	280	19691		90	
280	19691		31470	181.000		869 AF W/ 3128 &3585	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	36.20	280	19691		31470	
280	19691		33671	63.000		869 AF W/ 3128 &3585	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	12.60	280	19691		33671	
280	25101		22016	226.000		1044 AF W/ 3128,3585,19691	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	45.20	280	25101		22016	
281	4801		7355	574.000	604		No Use	113.130	80.010	88.090	68.940	30.450	13.290	65.652	65.652	11%	99	114.80	281	4801		7355	65
281	19704		34220	265.000		640 AF W/4801	No Use	45.960	61.180	61.660	68.940	23.110	32.750	48.933	48.933	18%	74	53.00	281	19704		34220	48

Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	KDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
282	2830		12105	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	282	2830		12105	N
282	2830		23092	619.000			178.090	254.790	268.310	257.480	90.600	93.400	98.120	177.256	242.602	39%	366	123.80	282	2830		23092	181
282	2830		29836	Multiple PD's			79.560	115.640	75.340	58.370	46.930	16.240	No Use	65.347	Multiple PD's	N/A	N/A	Multiple PD's	282	2830		29836	N
282	9454		12105	960.000	960	960AF W/ 2830	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	192.00	282	9454		12105	N
282	9454		23092	Multiple PD's		960AF W/ 2830	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	282	9454		23092	N
282	9454		29836	Multiple PD's		960AF W/ 2830	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	282	9454		29836	N
282	19707		19443	167.000		960AF W/ 2830 , 9454	No Use	80.870	71.370	69.360	44.370	29.370	35.150	55.082	55.082	33%	83	33.40	282	19707		19443	41
283	7346		7694	1134.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	226.80	283	7346		7694	N
283	7346		34528	Multiple PD's	1400		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	283	7346		34528	N
283	7346		50285	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	283	7346		50285	N
283	19869		1222	249.000		1400 AF W/ 7346	No Use	57.064	61.134	249.000	14.103	42.360	27.593	75.209	75.209	30%	113	49.80	283	19869		1222	56
283	19869		14300	247.000		1400 AF W/ 7346	100.540	130.370	139.480	74.545	90.483	152.320	49.811	105.364	105.364	43%	159	49.40	283	19869		14300	79
284	20046		45687	134.000	N/A		55.000	No Use	55.000	No Use	No Use	55.000	No Use	55.000	55.000	41%	83	26.80	284	20046		45687	41
285	5686		28078	412.000			133.720	134.400	153.630	57.570	149.570	161.220	128.890	131.286	131.286	32%	198	82.40	285	5686		28078	98
285	20071		32661	372.000	804	804 Af w/5686	155.470	154.410	171.770	133.800	171.400	161.300	154.670	157.546	157.546	42%	238	74.40	285	20071		32661	11
285	20071		49466	102.000		804 AF w/5686	20.500	6.110	34.250	24.000	34.000	43.000	27.000	26.980	26.980	26%	41	20.40	285	20071		49466	20
285	20630		38902	113.000		804 AF w/ 5686 & 20071	18.830	18.240	20.590	16.240	26.500	32.540	15.360	21.186	21.186	19%	32	22.60	285	20630		38902	21
286	808		14639	640.000	640		48.140	195.250	71.540	32.550	88.000	48.830	137.000	88.759	88.759	14%	134	128.00	286	808		14639	88
286	20166		11022	320.000		640AF W/ 808	48.140	195.250	71.540	24.420	124.230	87.830	95.270	92.383	92.383	29%	139	64.00	286	20166		11022	69
287	20167		17549	320.000	N/A		186.800	147.830	184.630	171.820	151.270	152.260	80.860	153.639	153.639	48%	232	64.00	287	20167		17549	11
288	352		3902	640.000	640		74.050	136.630	295.040	293.940	228.530	126.210	116.100	181.500	181.500	28%	274	128.00	288	352		3902	13
288	20289		40343	256.000		640AF w/ 352	74.050	136.630	256.000	256.000	158.540	121.730	106.600	158.507	158.507	62%	239	51.20	288	20289		40343	11
289	3725		34289	640.000			164.670	192.290	243.910	215.740	160.590	129.190	163.620	181.430	181.430	28%	274	128.00	289	3725		34289	13
289	8758		34289	268.000	908		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	53.60	289	8758		34289	N
289	20356		78588	367.000		908AF/YR COM/W #3725 & 8758	79.880	58.050	134.670	254.490	186.730	116.210	221.330	150.194	150.194	41%	227	73.40	289	20356		78588	11
290	20425		324	132.000	N/A		104.820	119.450	132.000	101.600	49.370	106.060	44.370	93.953	93.953	71%	142	26.40	290	20425		324	70
291	20642		28305	320.000	N/A		66.360	123.010	136.200	190.740	137.000	137.000	107.000	128.187	128.187	40%	193	64.00	291	20642		28305	96
292	2692		46405	540.000	540		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	108.00	292	2692		46405	N
292	20651		17558	146.000		540 AF w/ 2692	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	29.20	292	20651		17558	N
293	3782		24353	350.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	70.00	293	3782		24353	N
293	4550		28500	160.000	350	350AF w/3782	160.000	No Use	No Use	No Use	No Use	No Use	No Use	160.000	160.000	100%	241	32.00	293	4550		28500	12
293	20714		16431	300.000		350AF w/3782 & 4550	101.150	No Use	No Use	No Use	No Use	No Use	No Use	101.150	101.150	34%	153	60.00	293	20714		16431	75
293	24310		48000	168.000			83.140	No Use	No Use	No Use	No Use	No Use	No Use	83.140	83.140	49%	125	33.60	293	24310		48000	62
294	5386		41154	488.000	N/A		358.040	121.960	130.200	189.050	165.390	121.330	186.980	181.850	181.850	37%	274	97.60	294	5386		41154	13
294	20752		40625	265.000			39.490	38.820	54.090	59.310	49.610	46.480	61.840	49.949	49.949	19%	75	53.00	294	20752		40625	49
295	21010		16364	290.000	N/A		55.800	47.180	46.200	65.200	72.490	66.680	23.320	53.839	53.839	19%	81	58.00	295	21010		16364	53
296	8833		17209	323.000			No Use	No Use	No Use	56.380	31.140	23.500	86.350	49.343	49.343	15%	74	64.60	296	8833		17209	49
296	8833		19632	232.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	46.40	296	8833		19632	N
296	8833		40164	175.000			462.000	160.470	208.480	32.600	22.340	17.900	18.620	131.773	131.773	75%	199	35.00	296	8833		40164	98
296	8833		50074	232.000			No Use	No Use	No Use	108.220	90.360	59.360	75.500	83.360	83.360	36%	126	46.40	296	8833		50074	62
296	21297		19632	3.000	992	992 AF w/ 8833	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	0.60	296	21297		19632	N
296	21297		31366	108.000		992 AF w/ 8833	No Use	No Use	No Use	16.710	2.610	No Use	No Use	9.660	9.660	9%	15	21.60	296	21297		31366	9.
296	21297		33615	73.000		992 AF w/ 8833	No Use	No Use	No Use	73.000	51.870	35.370	43.420	50.915	50.915	70%	77	14.60	296	21297		33615	38
296	21297		40164	287.000		992 AF w/ 8833	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	57.40	296	21297		40164	N
296	21297		50074	56.000		992 AF w/ 8833	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	11.20	296	21297		50074	N
296	22684		31720	235.000		992 AF w/21297	No Use	No Use	No Use	41.000	54.870	24.200	34.270	38.585	38.585	16%	58	47.00	296	22684		31720	38
297	9637		47364	260.000	N/A		87.190	112.790	118.930	139.250	78.100	90.200	49.500	96.566	96.566	37%	146	52.00	297	9637		47364	72
297	21545		36766	270.000			87.740	70.170	78.630	103.810	84.770	110.700	42.000	82.546	82.546	31%	125	54.00	297	21545		36766	61
298	7959		44672	1026.000	1026		109.380	148.490	198.420	262.950	237.580	305.310	200.800	208.990	208.990	20%	315	205.20	298	7959		44672	20
298	22279		37735	330.000		1026AF w/7958	133.310	180.670	242.500	243.400	189.810	330.000	330.000	235.670	235.670	71%	356	66.00	298	22279		37735	17
299	4958		22333	800.000	N/A		37.940	17.160	11.620	No Use	No Use	No Use	No Use	22.240	22.240	3%	34	160.00	299	4958		22333	22
299	22280		5687	309.000			89.000	85.000	110.000	84.000	106.000	117.000	49.000	91.429	91.429	30%	138	61.80	299	22280		5687	68
300	22622		37537	384.000	320		147.000	130.650	52.250	82.440	47.590	No Use	66.260	87.698	87.698	23%	132	76.80	300	22622		37537	76
300	26246		38260	320.000		320AF w 22622	207.540	197.480	167.160	85.000	54.000	63.000	16.000	112.883	112.883	35%	170	64.00	300	26246		38260	84
301	22677		4742	320.000	N/A		181.430	119.620	133.980	197.010	147.990	160.470	131.160	153.094	153.094	48%	231	64.00	301	22677		4742	11
301	22678		22750	215.000			105.060	79.790	86.370	90.310	67.970	78.170	63.780	81.636	81.636	38%	123	43.00	301	22678		22750	61
302	22743		38755	400.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	80.00	302	22743		38755	N
303	22789		8570	520.000	N/A		183.411	198.270	163.800	248.950	308.020	225.000	156.000	211.922	211.922	41%	320	104.00	303	22789		8570	15

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
304	22951		27055	301.000	960	960AF w/ 9800	85.820	94.630	69.750	59.770	No Use	No Use	No Use	77.493	77.493	26%	117	60.20	304	22951		27055	60
305	23107		25119	47.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	9.40	305	23107		25119	N
306	23326		36877	320.000	N/A		36.190	200.740	100.350	186.970	54.000	128.000	No Use	117.708	117.708	37%	178	64.00	306	23326		36877	88
307	23377		33538	88.000	N/A		19.210	36.100	53.790	50.650	19.970	No Use	0.630	30.058	30.058	34%	45	17.60	307	23377		33538	22
308	9608		8124	572.000	572		98.360	80.500	68.780	116.220	93.700	91.190	70.140	88.413	88.413	15%	133	114.40	308	9608		8124	88
308	23385		17803	119.000		572 AF w/ 9608	35.800	30.210	25.970	37.790	24.540	28.400	21.260	29.139	29.139	24%	44	23.80	308	23385		17803	23
309	321		60396	762.000	762		37.990	69.860	78.400	68.930	42.060	57.810	47.760	57.544	57.544	8%	87	152.40	309	321		60396	57
309	9267		80064	290.000		Lim 762AF w/ 321	2.320	3.310	1.710	31.200	46.370	39.750	23.150	21.116	21.116	7%	32	58.00	309	9267		80064	21
309	23564		70071	177.000		762 AF w/ 321 & 9267	79.070	177.000	95.660	91.650	95.070	73.890	77.340	98.526	98.526	56%	149	35.40	309	23564		70071	73
309	25282		46174	194.000		762 AF w/ 321, 9267 & 23564	59.300	66.790	74.400	75.900	87.390	85.420	62.090	73.041	73.041	38%	110	38.80	309	25282		46174	54
310	23897		23021	262.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	52.40	310	23897		23021	N
311	23898		50816	230.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	46.00	311	23898		50816	N
312	23973		27024	442.000	N/A		45.000	No Use	No Use	No Use	No Use	No Use	No Use	45.000	45.000	10%	68	88.40	312	23973		27024	45
313	1229		36212	240.000	640		58.400	152.460	171.900	135.400	124.790	128.420	122.910	127.754	127.754	53%	193	48.00	313	1229		36212	95
313	6286		36212	600.000		600 AF w/ 1229	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	120.00	313	6286		36212	N
313	24029		34060	196.000		640AF w 1229 & 6285	19.990	53.030	82.230	98.840	90.540	82.570	75.590	71.827	71.827	37%	108	39.20	313	24029		34060	53
314	1337		54780	640.000	N/A		1.900	No Use	No Use	No Use	No Use	No Use	No Use	1.900	1.900	0%	3	128.00	314	1337		54780	1
314	5733		54780	160.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.00	314	5733		54780	N
314	9809		20916	533.000		880AF w/ 1337 & 5733	73.890	100.350	105.500	148.180	132.750	68.820	55.460	97.850	97.850	18%	148	106.60	314	9809		20916	97
314	24157		17440	423.000		916 Af w/ 1337 , 5733 & 24157	107.430	142.900	151.720	217.400	193.320	145.920	104.250	151.849	151.849	36%	229	84.60	314	24157		17440	11
315	24158		36291	167.600	N/A		48.900	No Use	36.700	90.120	43.120	70.370	66.400	59.268	59.268	35%	89	33.52	315	24158		36291	44
316	24311		91	248.000	456	456 Af w Multi year	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	49.60	316	24311		91	N
316	24311		47332	235.000		456 Af w Multi year	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	47.00	316	24311		47332	N
317	871		23225	185.000	N/A	WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	37.00	317	871		23225	N
317	24767		30431	135.000		WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	27.00	317	24767		30431	N
318	8904		20517	88.000	N/A	WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.60	318	8904		20517	N
318	8904		54979	107.000		WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	21.40	318	8904		54979	N
318	24784		44444	115.000		WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	23.00	318	24784		44444	N
319	8352		33574	304.000	820		106.980	51.580	63.660	191.630	120.000	126.000	116.000	110.836	110.836	36%	167	60.80	319	8352		33574	83
319	9505		33574	490.000		490 AF w/any WR land included on Cert	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	98.00	319	9505		33574	N
319	9558		1552	300.000			91.730	36.090	34.610	188.360	55.000	31.000	44.000	68.684	68.684	23%	104	60.00	319	9558		1552	60
319	24787		1552	255.000		on Sec 5 820AF w/ 8352,9505 &9558	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	51.00	319	24787		1552	N
319	24787		33903	556.000			116.710	50.170	40.620	185.090	108.000	43.000	82.000	89.370	89.370	16%	135	111.20	319	24787		33903	89
320	1870		78507	400.000	496		No Use	No Use	71.000	41.000	92.000	66.606	59.000	65.921	65.921	16%	99	80.00	320	1870		78507	65
320	3993		78508	378.000		480 AF w/ 1870	No Use	No Use	49.000	25.000	83.000	37.930	47.000	48.386	48.386	13%	73	75.60	320	3993		78508	48
320	24805		51246	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	320	24805		51246	N
320	24805		77969	185.000		496AF w/ 1870 & 3993	No Use	2.140	82.000	81.000	134.000	109.160	72.000	80.050	80.050	43%	121	37.00	320	24805		77969	60
321	6823		46181	700.000	N/A		27.510	7.620	29.000	14.580	5.000	No Use	No Use	16.742	16.742	2%	25	140.00	321	6823		46181	16
321	25007		1937	110.000			65.290	18.090	41.560	51.920	33.820	No Use	No Use	42.136	42.136	38%	64	22.00	321	25007		1937	31
321	25007		41192	127.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	25.40	321	25007		41192	N
322	664		66366	800.000	N/A		201.170	257.590	203.970	223.270	201.520	175.800	151.750	202.153	202.153	25%	305	160.00	322	664		66366	16
322	6815		19049	339.000			119.150	149.470	187.510	135.100	109.840	108.190	104.770	130.576	130.576	39%	197	67.80	322	6815		19049	97
322	25033		22530	151.000			49.950	21.180	33.000	10.000	46.030	58.000	123.000	48.737	48.737	32%	74	30.20	322	25033		22530	36
322	25033		43157	428.000			342.160	417.280	226.490	211.910	278.550	262.560	239.200	282.593	282.593	66%	426	85.60	322	25033		43157	21
323	7819		43678	320.000	N/A		121.720	129.410	161.100	159.830	169.960	167.340	122.900	147.466	147.466	46%	222	64.00	323	7819		43678	11
323	25064		15013	320.000			96.720	45.920	No Use	No Use	No Use	No Use	No Use	71.320	71.320	22%	108	64.00	323	25064		15013	64
324	25115		22269	88.000	N/A	WRCP	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.60	324	25115		22269	N
325	25118		47414	109.000	N/A		23.770	36.830	21.400	No Use	No Use	No Use	No Use	27.333	27.333	25%	41	21.80	325	25118		47414	21
326	25163		49743	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	326	25163		49743	N
328	3590		41599	403.000	960		4.850	9.030	4.710	53.460	38.460	36.760	36.320	25.370	25.370	6%	38	80.60	328	3590		41599	25
328	7247		34170	640.000		960 AF/YR @ 1861 GPM COM/W APP NO 3590	94.930	134.180	158.040	156.370	148.610	88.500	80.760	123.056	123.056	19%	186	128.00	328	7247		34170	12
328	7247		41599	Multiple PD's		960 AF/YR @ 1861 GPM COM/W APP NO 3590	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	328	7247		41599	N
328	8257		41599	237.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	47.40	328	8257		41599	N
328	25299		29342	427.000		640AF/YR COM/W #3590 & 8257	134.340	153.200	162.160	293.550	145.220	174.970	166.580	175.717	175.717	41%	265	85.40	328	25299		29342	13
328	25300		8974	455.000		640AF/YR COM/W #7247	156.050	41.080	30.580	66.260	69.570	63.230	25.370	64.591	64.591	14%	97	91.00	328	25300		8974	64
329	3118		17850	320.000	640	Partial PU O/L with WR #3120	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	329	3118		17850	N
329	3120		48269	480.000		640AF/YR COM/W #3118	70.620	73.220	75.830	38.530	31.510	18.260	21.920	47.127	47.127	10%	71	96.00	329	3120		48269	47
329	25304		50252	155.000		320AF/YR COM/W #3120, Partial PU O/L with WR #3120	70.726	72.653	92.324	46.837	84.777	83.591	61.520	73.204	73.204	47%	110	31.00	329	25304		50252	54

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AI
330	1334		37795	314.000	N/A		98.790	No Use	No Use	No Use	No Use	No Use	No Use	98.790	98.790	31%	149	62.80	330	1334		37795	74
330	4861		37795	220.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	44.00	330	4861		37795	N
330	25358		21846	100.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	20.00	330	25358		21846	N
331	4800		47361	495.000	495		156.480	155.040	147.810	130.850	119.880	110.510	167.280	141.121	141.121	29%	213	99.00	331	4800		47361	10
331	25570		40334	224.000		495 AF w/ 4800	138.590	148.040	159.460	183.640	148.040	151.240	180.270	158.469	158.469	71%	239	44.80	331	25570		40334	11
332	25892		52235	294.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	58.80	332	25892		52235	N
333	26244		20576	259.000	N/A		73.530	75.420	86.020	97.590	83.690	80.890	50.300	78.206	78.206	30%	118	51.80	333	26244		20576	58
334	26307		52571	179.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	35.80	334	26307		52571	N
335	26530		40271	213.000	N/A		164.780	29.230	89.520	181.780	73.650	175.450	45.520	108.561	108.561	51%	164	42.60	335	26530		40271	81
336	27096		27572	124.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	24.80	336	27096		27572	N
337	27302		67136	257.000	N/A	rotation 190AC max.	196.370	226.780	209.830	235.050	213.930	195.150	122.710	199.974	199.974	78%	302	51.40	337	27302		67136	14
338	29537		15249	89.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.80	338	29537		15249	N
339	30146		39441	86.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	17.20	339	30146		39441	N
339	30146		48181	105.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	21.00	339	30146		48181	N
340	30246		13938	50.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	10.00	340	30246		13938	N
341	182		29667	640.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	341	182		29667	N
341	182		52674	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	341	182		52674	N
342	199		7849	400.000	N/A		30.550	45.810	89.470	75.900	70.960	120.010	15.880	64.083	64.083	16%	97	80.00	342	199		7849	64
343	208		64772	320.000	N/A		130.160	177.380	139.730	150.330	170.600	142.640	98.610	144.207	144.207	45%	218	64.00	343	208		64772	10
344	241		25981	132.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	26.40	344	241		25981	N
345	247		35719	320.000	N/A		35.160	40.760	19.240	116.120	99.390	80.780	37.160	61.230	61.230	19%	92	64.00	345	247		35719	61
346	342		11117	290.000	N/A		0.120	19.320	12.040	46.320	39.900	44.730	39.840	28.896	72.973	25%	110	58.00	346	342		11117	58
346	342		65340	Multiple PD's			61.940	29.520	47.730	33.010	46.590	45.990	43.760	44.077	Multiple PD's	N/A	N/A	Multiple PD's	346	342		65340	N
346	342		65341	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	346	342		65341	N
347	367		20390	65.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	13.00	347	367		20390	N
348	403		64390	240.000	N/A		82.120	56.630	97.800	75.850	88.580	89.630	63.360	79.139	79.139	33%	119	48.00	348	403		64390	59
349	566		7536	320.000	N/A		60.020	60.090	41.850	62.360	47.630	39.950	37.050	49.851	49.851	16%	75	64.00	349	566		7536	49
349	566		23519	320.000			63.310	63.380	37.400	33.000	50.820	40.240	37.740	46.556	46.556	15%	70	64.00	349	566		23519	46
349	7973		6408	320.000			75.170	74.680	43.220	33.000	6.000	28.400	19.980	40.064	40.064	13%	60	64.00	349	7973		6408	40
349	7973		21202	320.000			80.230	80.100	46.280	66.120	106.020	32.300	36.460	63.930	63.930	20%	96	64.00	349	7973		21202	63
350	854		68771	633.000	1185		271.420	267.340	278.230	317.660	290.650	261.930	219.510	272.391	272.391	43%	411	126.60	350	854		68771	20
350	6824		30806	1185.000		w/ WR 869 limited to 1185 AF	71.750	188.620	72.750	100.940	72.620	75.560	66.250	92.641	92.641	8%	140	237.00	350	6824		30806	92
350	6824		68771	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	350	6824		68771	N
351	1074		30971	520.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	104.00	351	1074		30971	N
352	1084		42393	293.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	58.60	352	1084		42393	N
353	1114		9849	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	353	1114		9849	N
353	1114		39560	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	353	1114		39560	N
354	1205		25238	313.000	N/A		4.210	16.110	21.000	258.590	No Use	No Use	No Use	74.978	74.978	24%	113	62.60	354	1205		25238	62
354	9431		49881	247.000			76.600	132.880	195.870	202.900	150.480	167.800	24.010	135.791	135.791	55%	205	49.40	354	9431		49881	10
355	1319		41493	520.000	N/A		33.870	99.430	No Use	No Use	No Use	No Use	No Use	66.650	66.650	13%	101	104.00	355	1319		41493	66
355	1319		78585	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	355	1319		78585	N
356	1324		4783	150.000	N/A		90.090	56.380	97.500	52.020	114.520	104.230	73.080	83.974	83.974	56%	127	30.00	356	1324		4783	62
357	1357		42852	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	357	1357		42852	N
358	1358		44782	527.000	640		30.460	22.590	26.680	34.220	18.620	39.600	12.480	26.379	26.379	5%	40	105.40	358	1358		44782	26
358	7470		25656	411.000		w/ WR1358 limited to 640 AF	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	82.20	358	7470		25656	N
359	1433		43369	334.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	66.80	359	1433		43369	N
359	1433		44636	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	359	1433		44636	N
360	1553		67712	480.000	N/A		11.110	29.120	67.300	16.670	46.470	69.750	3.970	34.913	34.913	7%	53	96.00	360	1553		67712	34
361	1685		81874	320.000	N/A		61.870	52.620	55.010	109.590	272.700	17.050	87.740	93.797	93.797	29%	141	64.00	361	1685		81874	70
361	8047		78659	320.000			110.480	116.000	107.170	137.270	122.360	109.960	90.940	113.454	113.454	35%	171	64.00	361	8047		78659	85
362	1965		28743	640.000	1252		42.280	No Use	No Use	No Use	No Use	4.680	0.120	15.693	15.693	2%	24	128.00	362	1965		28743	15
362	2877	D2	14434	516.000			23.400	No Use	No Use	No Use	No Use	7.040	11.650	14.030	14.030	3%	21	103.20	362	2877	D2	14434	14
362	7363		3042	445.000		1252AF/YR COM/W #1965 & #2877-D2/CERT	232.500	No Use	No Use	No Use	No Use	234.320	131.990	199.603	199.603	45%	301	89.00	362	7363		3042	14
363	1998		46680	72.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	14.40	363	1998		46680	N
364	1999		24248	640.000	N/A		181.900	59.520	203.420	139.820	54.730	128.890	59.400	118.240	118.240	18%	178	128.00	364	1999		24248	11
364	7331		23040	295.000			137.940	35.280	146.070	97.540	37.480	41.980	19.430	73.674	73.674	25%	111	59.00	364	7331		23040	59
365	2218		21180	280.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	56.00	365	2218		21180	N

Water Right Information							Historical Use							Average Use & LEMA Floor					WR Info					LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#		2 Conse (AF
366	2311		29278	480.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	96.00	366	2311		29278		N
367	2316		24084	480.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	96.00	367	2316		24084		N
368	2369		39522	320.000	N/A		80.000	103.000	100.000	76.000	95.000	117.000	67.000	91.143	91.143	28%	137	64.00	368	2369		39522		68
369	2454		2075	320.000	N/A		206.290	181.540	24.490	125.580	1.810	32.220	72.070	92.000	92.000	29%	139	64.00	369	2454		2075		69
370	2591		22482	620.000	N/A		157.490	171.000	261.840	268.740	153.000	134.130	93.790	177.141	177.141	29%	267	124.00	370	2591		22482		13
371	2643		55015	314.000	N/A		No Use	No Use	2.770	3.770	No Use	No Use	No Use	3.270	3.270	1%	5	62.80	371	2643		55015		3.
372	2776		72372	327.000	950		7.000	No Use	11.000	39.000	17.000	36.000	37.000	24.500	24.500	7%	37	65.40	372	2776		72372		24
372	3065		47123	320.000		950AF/YR COM/W #2776 & 3065	73.000	78.000	72.000	96.000	74.000	144.000	146.000	97.571	97.571	30%	147	64.00	372	3065		47123		73
372	5087		72357	320.000			52.000	51.000	59.000	66.000	57.000	43.000	41.000	52.714	52.714	16%	80	64.00	372	5087		72357		52
373	2877	D1	60701	516.000	N/A		104.760	142.970	120.790	143.430	89.740	79.590	44.220	103.643	103.643	20%	156	103.20	373	2877	D1	60701		10
373	7412		37662	528.000			No Use	No Use	No Use	58.480	61.120	59.820	40.520	54.985	54.985	10%	83	105.60	373	7412		37662		54
374	3025		7704	440.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	88.00	374	3025		7704		N
375	3047		38475	634.000	N/A		43.360	107.320	193.430	261.380	226.550	171.330	108.020	158.770	158.770	25%	240	126.80	375	3047		38475		12
376	3094		47718	279.000	N/A		142.810	No Use	169.890	220.540	191.471	139.920	116.620	163.542	163.542	59%	247	55.80	376	3094		47718		12
377	3119		26315	229.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	45.80	377	3119		26315		N
378	3313		29086	545.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	109.00	378	3313		29086		N
378	3313		38403	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	378	3313		38403		N
379	3331		10504	470.000	600	600 AF for 2 WRs	180.690	161.810	192.540	228.370	185.800	187.130	145.800	183.163	183.163	39%	276	94.00	379	3331		10504		13
379	9345		10504	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	379	9345		10504		N
379	9345		25736	600.000			96.250	85.040	108.870	131.150	118.560	72.210	78.840	98.703	98.703	16%	149	120.00	379	9345		25736		98
380	3443		68896	406.000	N/A		191.130	191.130	252.030	236.040	217.060	196.570	183.310	209.610	209.610	52%	316	81.20	380	3443		68896		15
381	3685		41911	331.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	66.20	381	3685		41911		N
382	3745		10875	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	382	3745		10875		N
383	3769		3887	Multiple PD's	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	383	3769		3887		N
383	3769		42207	538.000			No Use	No Use	163.510	153.880	179.270	No Use	No Use	165.553	165.553	31%	250	107.60	383	3769		42207		12
384	3897		38005	421.000	N/A		No Use	No Use	67.170	78.290	68.360	No Use	No Use	71.273	71.273	17%	108	84.20	384	3897		38005		71
384	3897		44984	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	384	3897		44984		N
385	4156		10123	Multiple PD's	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	385	4156		10123		N
385	4156		32029	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	385	4156		32029		N
385	4156		46157	320.000			8.040	13.250	No Use	No Use	No Use	No Use	No Use	10.645	10.645	3%	16	64.00	385	4156		46157		10
386	4172		34518	320.000	N/A		108.460	116.340	125.720	96.560	170.650	No Use	No Use	123.546	123.546	39%	186	64.00	386	4172		34518		92
387	4341		74783	320.000	N/A		139.840	168.670	149.440	184.970	171.740	184.550	126.640	160.836	160.836	50%	243	64.00	387	4341		74783		12
388	4711		26451	460.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	92.00	388	4711		26451		N
389	4732		74349	385.000	N/A		23.150	38.120	32.650	35.070	19.340	37.730	17.080	29.020	29.020	8%	44	77.00	389	4732		74349		29
389	4732		86347	255.000			116.710	94.880	100.030	73.750	48.340	51.000	1.180	69.413	69.413	27%	105	51.00	389	4732		86347		52
390	4762		43064	248.000	N/A		103.330	148.020	87.140	159.520	132.810	128.300	85.820	120.706	120.706	49%	182	49.60	390	4762		43064		90
390	7270		20511	631.000			67.900	114.900	121.700	127.000	133.000	123.000	84.000	110.214	110.214	17%	166	126.20	390	7270		20511		11
390	7270		37774	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	390	7270		37774		N
390	8622		9273	311.000			59.670	116.590	114.210	106.030	78.390	69.900	50.400	85.027	85.027	27%	128	62.20	390	8622		9273		63
391	4771		49402	640.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	391	4771		49402		N
392	4839		64582	440.000	440		173.830	183.980	216.960	219.040	209.360	184.410	134.280	188.837	188.837	43%	285	88.00	392	4839		64582		14
392	9149		34442	221.000		4839 and 9149 limited to 440 AF	31.290	No Use	No Use	No Use	No Use	No Use	No Use	31.290	31.290	14%	47	44.20	392	9149		34442		31
392	9149		64582	440.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	88.00	392	9149		64582		N
392a	25232		25279	273.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	54.60	392a	25232		25279		N
393	4867		49056	560.000	N/A		92.070	103.400	110.510	102.970	88.440	110.560	62.070	95.717	95.717	17%	144	112.00	393	4867		49056		95
394	4969		40415	269.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	53.80	394	4969		40415		N
395	5141		43143	320.000	N/A		112.360	90.750	90.140	72.730	65.920	32.430	No Use	77.388	77.388	24%	117	64.00	395	5141		43143		64
396	5203		26524	410.000	N/A		145.910	143.620	410.000	280.540	188.810	213.000	190.000	224.554	224.554	55%	339	82.00	396	5203		26524		16
396	5678		5354	320.000			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	396	5678		5354		N
397	5354		8407	320.000	N/A		131.090	137.040	140.740	130.290	140.670	120.720	92.570	127.589	127.589	40%	192	64.00	397	5354		8407		95
398	5568		6673	361.000	N/A		18.540	43.620	51.000	39.450	0.260	17.860	0.280	24.430	24.430	7%	37	72.20	398	5568		6673		24
399	5702		51390	315.000	N/A		109.000	134.000	135.000	176.000	97.000	120.000	75.000	120.857	120.857	38%	182	63.00	399	5702		51390		90
399	8979		72307	175.000			No Use	32.245	2.290	25.840	13.420	12.460	0.680	14.489	14.489	8%	22	35.00	399	8979		72307		14
400	6095		54558	244.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	48.80	400	6095		54558		N
401	6206		15614	600.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	120.00	401	6206		15614		N

Water Right Information							Historical Use							Average Use & LEMA Floor				WR Info				LEMA
Unit#	WR#	QUAL	PDIV#	2018 Auth Qty (AF)	QTY Limitation/Unit (AF, if applicable)	XDA-DWR Notes:	2009 Legal Use (AF)	2010 Legal Use (AF)	2011 Legal Use (AF)	2012 Legal Use (AF)	2013 Legal Use (AF)	2014 Legal Use (AF)	2015 Legal Use (AF)	Legal Average Use/PD (AF)	Legal Average Use (AF)	% Ave use of Auth	Min Est rate (gpm)= Ave Use in 150 Days	LEMA Floor Allocation (AF)	Unit#	WR#	QUAL	PDIV#	2 Conse (AF
402	6372		45925	640.000			No Use	22.090	28.870	64.280	195.630	96.200	75.100	80.362	80.362	13%	121	128.00	402	6372		45925	80
402	6847		71738	480.000	1183		200.420	183.970	198.480	182.310	188.680	162.750	128.240	177.836	177.836	37%	268	96.00	402	6847		71738	133
402	8253		45925	1183.000		1183 AF/YR @ 2000 GPM COM/W #6372 & 6847	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	236.60	402	8253		45925	N
402	8253		71738	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	402	8253		71738	N
403	6427		35564	310.000	N/A		101.180	136.760	151.770	172.490	81.280	140.000	111.000	127.783	127.783	41%	193	62.00	403	6427		35564	95
404	6524		11795	480.000	480		44.400	200.930	95.280	233.060	124.760	145.080	No Use	140.585	170.885	36%	258	96.00	404	6524		11795	128
404	6524		83904	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	30.300	30.300	Multiple PD's	N/A	N/A	Multiple PD's	404	6524		83904	N
405	6746		30324	114.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	22.80	405	6746		30324	N
406	6765		74279	188.640	N/A		115.050	95.890	91.160	96.940	95.000	65.050	21.940	83.004	83.004	44%	125	37.73	406	6765		74279	62
407	6848		64714	293.000	325		171.610	195.760	203.390	251.680	257.470	158.040	262.850	214.400	214.400	73%	323	58.60	407	6848		64714	166
407	7410		64714	325.000		limited to 325 for both WRs	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	65.00	407	7410		64714	N
408	7151		44377	188.000	N/A		103.680	101.370	91.750	128.600	136.390	85.530	56.090	100.487	100.487	53%	152	37.60	408	7151		44377	75
409	7347		21812	320.000	N/A		59.660	No Use	No Use	No Use	No Use	No Use	No Use	59.660	59.660	19%	90	64.00	409	7347		21812	59
410	7348		72853	490.000	N/A		150.350	154.870	173.810	209.420	143.000	142.000	105.000	154.064	154.064	31%	232	98.00	410	7348		72853	115
411	7707		3299	295.000	N/A		122.580	146.400	118.880	138.950	121.850	118.650	87.420	122.104	122.104	41%	184	59.00	411	7707		3299	91
412	7716		49676	240.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	48.00	412	7716		49676	N
413	7734		24705	640.000	N/A		171.010	200.370	177.400	238.270	184.870	170.000	94.280	176.600	176.600	28%	266	128.00	413	7734		24705	132
414	7753		16985	320.000	N/A		187.520	161.150	155.110	142.070	100.520	135.070	103.650	140.727	140.727	44%	212	64.00	414	7753		16985	105
415	7791		22474	800.000	N/A		196.930	241.400	286.820	252.390	173.410	201.080	135.580	212.516	323.503	40%	488	160.00	415	7791		22474	242
415	7791		38390	Multiple PD's			120.880	127.000	134.100	115.630	27.720	150.040	101.540	110.987	Multiple PD's	N/A	N/A	Multiple PD's	415	7791		38390	N
416	7966		46130	549.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	109.80	416	7966		46130	N
417	7974		38537	351.000	N/A		127.900	No Use	No Use	No Use	No Use	No Use	No Use	127.900	127.900	36%	193	70.20	417	7974		38537	95
418	8043		28545	542.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	108.40	418	8043		28545	N
419	8106		31616	482.000	N/A		103.600	70.970	69.330	120.450	107.120	106.710	82.260	94.349	94.349	20%	142	96.40	419	8106		31616	94
420	8333		16581	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	420	8333		16581	N
421	8442		22598	251.000	N/A		50.010	21.580	107.320	85.930	20.250	27.860	No Use	52.158	52.158	21%	79	50.20	421	8442		22598	50
422	8867		34481	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	422	8867		34481	N
423	8922		33474	312.000	N/A		47.060	176.330	53.040	212.220	78.170	136.680	97.920	114.489	114.489	37%	173	62.40	423	8922		33474	85
424	8927		33124	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	424	8927		33124	N
425	9007		27736	456.000	N/A		67.250	51.220	147.000	121.000	130.000	127.000	101.000	106.353	106.353	23%	160	91.20	425	9007		27736	91
426	9214		23766	376.340	N/A		120.610	147.500	112.080	133.800	165.310	144.760	277.540	157.371	157.371	42%	237	75.27	426	9214		23766	118
427	9319		45480	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	427	9319		45480	N
428	9331		29793	325.300	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	65.06	428	9331		29793	N
429	9353		9594	320.000	N/A		131.540	168.080	191.720	201.780	116.000	128.000	113.000	150.017	150.017	47%	226	64.00	429	9353		9594	112
430	9446		36653	320.000	N/A		69.720	70.100	85.620	65.600	45.290	38.250	33.150	58.247	58.247	18%	88	64.00	430	9446		36653	58
431	9460		38080	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	431	9460		38080	N
432	9499		38600	400.000	N/A		231.110	194.550	184.330	161.330	171.090	124.220	86.140	164.681	164.681	41%	248	80.00	432	9499		38600	123
433	9579		8420	492.000	N/A		64.450	117.480	163.920	166.380	195.590	127.910	156.450	141.740	141.740	29%	214	98.40	433	9579		8420	100
434	9587		34764	360.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	72.00	434	9587		34764	N
435	9588		16066	336.000	N/A		229.430	190.890	239.330	149.660	213.870	216.970	113.070	193.317	193.317	58%	292	67.20	435	9588		16066	144
435	9588		35921	282.000			115.230	92.300	113.540	144.880	102.010	56.030	30.630	93.517	93.517	33%	141	56.40	435	9588		35921	70
436	9622		46559	160.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	32.00	436	9622		46559	N
437	9638		10817	405.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	81.00	437	9638		10817	N
438	9724		7109	Multiple PD's	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	438	9724		7109	N
438	9724		33997	Multiple PD's			No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	Multiple PD's	N/A	N/A	Multiple PD's	438	9724		33997	N
438	9724		43082	950.000			91.060	88.660	76.040	94.040	78.240	No Use	No Use	85.608	149.894	16%	226	190.00	438	9724		43082	149
438	9724		53039	Multiple PD's			81.480	85.380	51.310	48.440	54.820	No Use	No Use	64.286	Multiple PD's	N/A	N/A	Multiple PD's	438	9724		53039	N
439	9735		53547	320.000	N/A		161.570	221.290	92.610	185.720	185.220	161.390	132.120	162.846	162.846	51%	246	64.00	439	9735		53547	122
440	9800		36158	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	440	9800		36158	N
441	9820		26201	320.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	64.00	441	9820		26201	N
442	9821		34893	640.000	N/A		No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	No Use	N/A	N/A	128.00	442	9821		34893	N
															57,896.243	Total Legal Average Use/Yr						Total Allocations	46

*Unit 193 edited to unit 74a

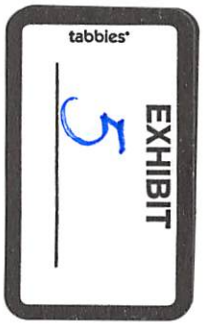
*Unit 327 removed because of duplication

All Vested WR's Total Annual Auth Qty
4,129.000 AF/Yr

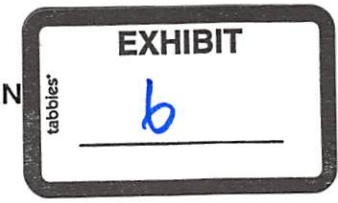
Total W
11
59

LEMA VOTE TOTALS

	YES	NO
LANE	21	18
SCOTT	58	54
WICHITA	51	31
GREELEY	9	10
WALLACE	19	60
TOTALS	158	173



WICHITA COUNTY WATER CONSERVATION AREA MANAGEMENT PLAN



Purpose

The social and economic vitality of the Wichita County community is dependent upon our water supply. In order to reduce the rate of decline of water levels in our aquifer and extend the life of our water supply, we propose to establish a Water Conservation Area within the boundaries of Wichita County. The management plan for this Water Conservation Area is presented herein and shall form the basis of a Consent Agreement and Order Designating a Water Conservation Area as required by K.S.A. 82a-745. The participating water right owners have reached a consensus and agree to the terms and conditions contained in this proposed management plan.

Goal

The water right owners participating in the Wichita County Water Conservation Area have joined together because of their collective desire to sustain their community by conserving their groundwater resources. The participants have concluded that this goal can be achieved by taking the following actions:

1. Implement substantial reductions in water use based upon a defined period of historical use.
2. Encourage participation by providing flexibility in beneficial use, place of use, and quantity of annual use so that participants can adjust to weather conditions, market conditions, and advancements in technology.
3. Participate for a period that is compatible with typical crop rotations and long enough to indicate measurable results.
4. Provide a process for ongoing enrollment and renewal of water conservation area agreements (i.e. consent agreements).
5. Establish a scheduled review process to revise the terms and conditions of this management plan based upon lessons learned through experience and to accommodate changes in technology.
6. Establish an enforcement process to obtain compensation from those participants that fail to fulfill the responsibilities contained in their respective consent agreements.
7. Establish a governing board to guide the management plan review process.

The structure of this management plan is focused on irrigation use because that accounts for the vast majority of water use within Wichita County. Water rights with other beneficial uses may participate in the Water Conservation Area if feasible. We support and encourage all livestock and municipal water users to implement conservation measures and we specifically support the stockwater and municipal water use goals adopted by the Upper Smoky Hill Regional Advisory Committee in 2015. These goals are contained in Appendix 1.

WICHITA COUNTY WATER CONSERVATION AREA MANAGEMENT PLAN

Term

The terms and conditions of the Wichita County Water Conservation Area shall be effective upon issuance of a Consent Agreement and Order Designating a Water Conservation Area (WCA Agreement) that is approved by all participating water right owners and the Chief Engineer of the Division of Water Resources. The proposed term of the WCA Agreement is seven (7) years. The WCA Agreement will be automatically renewed for the term specified in the current management plan unless the participant submits a request to terminate renewal.

The Wichita County Water Conservation Area management plan will be reviewed every three years. Revisions and amendments to the management plan will be implemented when WCA Agreements are established or renewed. WCA Agreements may be revised prior to expiration to incorporate revisions and amendments resulting from the triennial reviews if such revision is mutually acceptable to the participants and the Chief Engineer of the Division of Water Resources.

Geographical Boundaries

All water rights and the associated points of diversion that are located within Wichita County, Kansas, shall be eligible to participate in the Wichita County Water Conservation Area. The boundaries of Wichita County represent the geographic boundary of the Wichita County Water Conservation Area. Each WCA Agreement shall list the participating water right file numbers and describe by legal description the area encompassing the point(s) of diversion and place(s) of use.

Findings Regarding Groundwater Conditions

K.S.A. 82a-745 requires a finding that one of the following conditions be present within the area proposed as a Water Conservation Area:

1. Groundwater levels in the area in question are declining or have declined excessively;
2. The rate of withdrawal of groundwater in the area equals or exceeds the rate of recharge within such area;
3. Preventable waste of water is occurring or may occur within the area in question; or
4. Unreasonable deterioration of the quality of water is occurring or may occur within the area in question.

The participating water right owners have determined that the following conditions exist:

- Groundwater levels within Wichita County have declined excessively and continue to decline under the current levels of water use. The amount of decline has been documented by the Kansas Geological Survey and the Kansas Department of Agriculture, Division of Water Resources. The Kansas Geological Survey estimates that approximately 65 percent of the original water in storage within this portion of the High Plains aquifer has been depleted.

- The rate of withdrawal of groundwater within Wichita County substantially exceeds the rate of recharge within this area. Information provided by the Kansas Department of Agriculture, Division of Water Resources shows that the average county-wide irrigation use was approximately 11.2 inches per acre in 2014. Information provided by the Kansas Geological Survey indicates that the total rate of recharge in 2014 was approximately 0.4 inch.

Corrective Control Provisions and Plan for Conservation

The following corrective control provisions within the Wichita County Water Conservation Area will be in effect during the term of the WCA Agreement:

1. The basis for determination of the quantity of permissible groundwater withdrawal during the term of the WCA Agreement shall be the reported use by point of diversion for the period defined by calendar years 2009 through 2015, inclusive.

2. The annual quantities for the basis period shall be the quantities reported on the water use reports submitted to and verified by the Division of Water Resources. If a reported annual quantity exceeds the authorized quantity, the reported value shall be reduced to the authorized quantity for the purpose of calculating average use during the basis period.

3. The total quantity of water use during the basis period shall be tabulated for each point of diversion included in the WCA Agreement. The average use for each point of diversion shall be determined by dividing the total quantity by 7.

4. The average use quantity of each point of diversion shall then be multiplied by the applicable reduction factor to determine the annual quantity of permissible groundwater withdrawal during the term of the WCA Agreement. The applicable reduction factor is related to the effective date of the WCA Agreement and is obtained from Table 1.

$$\text{Annual Quantity of Permissible Groundwater Withdrawal} = (\text{Average Use in acre-feet}) \times (\text{Reduction Factor})$$

The term of each WCA Agreement shall be a period of seven (7) calendar years. Table 1 indicates a four-step reduction process to reach target reductions in the years 2017, 2024, 2031, and 2038. The reduction factors shall be indexed so that the target reductions are achieved in each WCA Agreement regardless of enrollment date.

Table 1 – Reduction Factors for Annual Quantity Determination

Effective Date of WCA Agreement	Time Remaining in Reduction Step	Reduction	Reduction Factor
January 1, 2017	7 Years	29%	0.71
January 1, 2018	6 Years	30%	0.70
January 1, 2019	5 Years	31%	0.69
January 1, 2020	4 Years	32%	0.68
January 1, 2021	3 Years	33%	0.67
January 1, 2022	2 Years	34%	0.66
January 1, 2023	1 Year	35%	0.65
January 1, 2024	7 Years	36%	0.64
January 1, 2025	6 Years	37%	0.63
January 1, 2026	5 Years	38%	0.62
January 1, 2027	4 Years	39%	0.61
January 1, 2028	3 Years	40%	0.60
January 1, 2029	2 Years	41%	0.59
January 1, 2030	1 Year	42%	0.58
January 1, 2031	7 Years	43%	0.57
January 1, 2032	6 Years	44%	0.56
January 1, 2033	5 Years	45%	0.55
January 1, 2034	4 Years	46%	0.54
January 1, 2035	3 Years	47%	0.53
January 1, 2036	2 Years	48%	0.52
January 1, 2037	1 Year	49%	0.51
January 1, 2038	7 Years	50%	0.50
January 1, 2039	6 Years	50%	0.50
January 1, 2040	5 Years	50%	0.50
January 1, 2041	4 Years	50%	0.50
January 1, 2042	3 Years	50%	0.50
January 1, 2043	2 Years	50%	0.50
January 1, 2044	1 Year	50%	0.50

5. Each WCA Agreement shall include a deposit schedule. The deposit schedule shall indicate how the annual quantity of permissible groundwater withdrawal shall be distributed during the term of the WCA Agreement. The purpose of the deposit schedule is to provide increased flexibility and to limit the adverse impacts of extreme drought during the initial years of the term. The deposit schedule is contained in Table 2.

Wichita County WCA

Wichita County WCA Plan
Order establishing the Wichita County WCA

[illegible]	Consent Agreement	Period	Acres Enrolled (Ac/Yr)	Water Savings (Ac-Ft/Yr)	Date Approved
V. Baker	WCA CA	2019-2025	152	17	12/26/18
Simons	WCA CA	2018-2024	1,806	422	10/23/18
Brandt	WCA CA	2017-2023	131	15	05/08/18
Kiser Trust	WCA CA	2017-2023	267	74	05/08/18
Triple C Farms	WCA CA	2017-2023	320	103	05/02/18
Granville Koehn	WCA CA	2017-2023	496	96	05/02/18
Karlan Koehn	WCA CA	2017-2023	160	40	04/24/18
Heath	WCA CA	2018-2024	160	19	01/22/18
Wells	WCA CA	2018-2024	320	29	01/22/18
Ames	WCA CA	2018-2024	320	57	01/22/18
J Two LLC	WCA CA	2017-2023	343	91	12/29/17
Zellner	WCA CA	2017-2023	480	84	12/21/17
Winter	WCA CA	2017-2023	220	55	12/11/17
Smith Trusts	WCA CA	2017-2023	640	57	11/07/17
Marshall Woodbury	WCA CA	2017-2023	2,427	801	10/11/17

Ted Woodbury	WCA CA	2017-2023	920	194	10/04/17
Hobson	WCA CA	2017-2023	160	124	10/02/17
Bar H Ranch, Inc	WCA CA	2017-2023	1,241	PC*	09/12/17
Bauck Trusts	WCA CA	2017-2023	282	52	08/25/17
Long Living Trust	WCA CA	2017-2023	160	43	07/05/17
Winter	WCA CA	2017-2023	320	68	05/01/17
Winter	WCA CA	2017-2023	377	67	05/01/17
Cutler	WCA CA	2017-2023	150	31	04/21/17
Watt	WCA CA	2017-2023	465	20	04/10/17
Watt	WCA CA	2017-2023	160	49	04/10/17
Long	WCA CA	2017-2023	155	41	03/31/17

*WCA allocation held to historical average giving due consideration of past conservation per K.S.A. 82a-745.

Wichita County WCA webpage

Wichita County WCA Facebook

WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 1
HIGHLIGHTS FROM WICHITA COUNTY'S LEMA MEETING
JULY 30, 2018

Western Kansas Groundwater Management District No. 1 held a public meeting for a proposed LEMA (Local Enhanced Management Area) in Wichita County. The meeting was held in Leoti's Community Building with approximately 36 people in attendance, including GMD1 board members, staff, & state employees.

District Manager Kyle Spencer opened the meeting with an explanation of the hand-outs which included state LEMA plan requirements, an overview of the LEMA process, & current proposal. He pointed out the higher reduction percentages proposed for the 2nd & 3rd LEMA terms could be decreased if subsequent annual data indicates water levels are no longer declining. The allocation appeal process was explained which could be used for wells that were either inactive or voluntarily conserving during the historical use period. Board president Greg Graff explained the final document will not have a public vote, the Board would like to get comments & feedback, then hold another meeting before submitting the final draft to the Chief Engineer for approval.

Jim Butler with KGS gave a presentation on the impact of Wichita County's pumping results, the percentage of change in the Aquifer's saturated thickness, & the percentage of reduction needed for stabilization based on historical use. If depletion continues with no change, the Aquifer will be tapped out in 25 years or less. More information can be found on KGS's web site.

Chief Engineer David Barfield explained LEMA litigation challenges occurring in GMD4 & 5, but encouraged GMD1 to continue moving forward developing a plan.

Some of the comments & questions asked:

What would the results be if all the wells in the county were turned off?

How long will it take to see results after water reductions?

What is the speed of water movement?

Why is only 50% of unused water allowed to be carried forward & not more?

How many wells are in Wichita County, & how many people control these wells?

Do you foresee government intervention if there's no voluntary conservation?

Why use only 135 days pumping for appeals & previous voluntary conservation allocations?

Why not use an inch per acre allocation instead of percentage reduction?

Why is the Board only looking at Wichita County?

Comments from the audience encouraged conservation: "The past can't be changed, but we can change the future," & "Sheridan 6 participants have been just as profitable, if not more so, since implementing their LEMA."

PLEASE SIGN-IN

NAME	MAILING or E-MAIL ADDRESS	COUNTY/AGENCY
Stephen Lauer	SLAUER@KSU.edu	K-State
Dave Stucky		attorney
GREG GRAFF		
Mark Callendar		
Bill Heim		Scott
Tammy Simons	tammysimonsrd@gmail.com	WH
Matt Cang		WH
Tony Winter		WH
Aaron Simons		WH
Brian Bauck	longhorndfarmer@hotmail.com	WH
Terry Woodbury	woodbury57@gmail.com	WH
Mitch Frank		DWR
Valoyi Loff		KMSI
Jim Butler		KS Geo Survey
LANE LETOURNEAU		KDA
AMANDA TARCO	amanda.tarco@ks.gov	KDA
Lexi Hinrichsen		KDA
		Wichita Co

PLEASE SIGN-IN

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Don Smith	dlfarms@pld.net	Wichita
Earl Smith	edsmith@wbsnet.org	Wichita
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Dan Barfield	david.barfield@ks.gov	KDA-DWR MHK
J Charles Yeager		

THE WATERLINE

FALL 2018

DISTRICT MANAGER

KYLE SPENCER

gmd1@wbsnet.org

ADMINISTRATIVE ASSISTANT

VALORIE ROLFS

admin@wbsnet.org

FIELD TECHNICIAN

PAT RYAN

DISTRICT INFORMATION

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Scott City, KS 67871

WEB SITE:

http://www.gmd1.org

TELEPHONE:

(620) 872-5563

FAX:

(620) 872-7315

COST SHARE PROGRAM

The 2019 application period for the District's cost share program begins November 1, 2018 & ends May 31, 2019. There have been no changes to cost share dollar amounts or application requirements from the 2018 period other than adding a deadline of December 31, 2019 for submitting invoices to the District office for this application period. Previously approved applicants may reapply, however applying for the same technology in same location is not allowed. Cost share amounts for each technology are detailed on the applications. Applications are available on our homepage at gmd1.org or the District office.

IMPORTANT DATES:

BOARD MEETINGS:

NOV 19, 2018
DEC 13, 2018

GOVERNOR'S WATER CONFERENCE

NOV 13 - 14

LEMAs

The District delayed immediately moving forward with another LEMA proposal after the 2014 proposal due to the development of Water Conservation Areas (WCAs) in the spring of 2015. WCAs are an owner-initiated voluntary management plan to conserve water often providing flexibilities not available otherwise. However, due to limited participation in WCAs across the District, the board has been in the process of developing a LEMA plan over the summer. Due to requests & support from stakeholders in Wichita County, the current proposal under development will be implemented there initially. After the draft proposal is completed, the same proposal will be utilized for each of the four remaining county areas within the District's boundaries. The District intends to hold public meetings in each county over the course of this coming winter & spring, although no dates have been set at this time. The public meetings are your opportunity to review the proposed plan & provide feedback for possible changes. The goal is to have the plans in place by January 1, 2020, however there is an extensive process that must be completed before that time. A summary of the draft proposal for Wichita County can be viewed on the LEMA page at (http://www.gmd1.org/lema.html). Complete draft proposals for each county will be posted on the LEMA page once they are finalized.

MARK YOUR CALENDARS!

UPCOMING LEMA MEETING

The Western Kansas Groundwater Management District No. 1 will be holding an informational meeting regarding the proposal of a Local Enhanced Management Area (LEMA) within the GMD1 boundaries in Wichita County.

WHEN:	July 30th, 2018
TIME:	1:00 PM CT
WHERE:	Community Building 502 East M Street Leoti/Wichita County

Your input is important as we work together to conserve and prolong the life of the Ogallala Aquifer.

For more information/questions, contact GMD#1:
(620) 872-5563 www.gmd1.org

WICHITA COUNTY LEMA DRAFT PROPOSAL

15 YEAR PLAN – 3 CONSECUTIVE 5-YEAR TERMS

- 2020 – 2024: 20% Reduction of historical use
  2025 – 2029: 30% Reduction of historical use
  2030 – 2034 40% Reduction of historical use
- Historical Use Period: 2009 – 2015 Inclusive – 7 year average use

- LEMA Minimum Allocation - 20% of the annual authorized quantity or held to historical use if already below the 20% minimum.

- Five-year allocations will be developed for each five-year term. The annual LEMA allocation may be exceeded, as long as the water right or individual point of diversion's annual authorized quantity and each five-year LEMA term allocation is not exceeded.

- A maximum of 50% of any unused five-year allocation may be carried forward to the next five-year term.

- Consolidated Well Unit – A combined quantity for multiple wells diverting water from the same source of supply and physically tied together for the distribution of water. No well shall be allowed to pump more than its annual authorized quantity. Water Right changes may be required to gain approval.

- Vested Water Rights are exempt from the LEMA and are excluded from utilizing LEMA flexibilities unless voluntarily enrolled.

- Due consideration for past voluntary conservation - For years in which the owner documents their past voluntary conservation, a flow rate test will be conducted by GMD1 or DWR to determine if the capability of the well(s) under appeal exceed their Historical Use. The resulting flow rate will be multiplied by 150 days to establish an annual acre foot quantity. The greater of Historical Use or test result quantity shall be reduced by the appropriate five-year term Conservation Factor.

LEMA INFORMATION

(LOCAL ENHANCED MANAGEMENT AREA)

Proposed Wichita County LEMA Allocations are now available on the LEMA page at www.gmd1.org

The full draft plan document will be available soon.

For more information/questions, contact GMD#1: (620) 872-5563

MARK YOUR CALENDARS!

UPCOMING LEMA MEETING

The Western Kansas Groundwater Management District No. 1 will be holding an informational meeting regarding the proposal of a Local Enhanced Management Area (LEMA) within the GMD1 boundaries in Wichita County.

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Your input is important as we work together to conserve and prolong the life of the Ogallala Aquifer.

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- LEMA Minimum Allocation - 20% of the annual authorized quantity or held to historical use if already below the 20% minimum.

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- Vested Water Rights are exempt from the LEMA and are excluded from utilizing LEMA flexibilities unless voluntarily enrolled.

- Due consideration for past voluntary conservation - For years in which the owner documents their past voluntary conservation, a flow rate test will be conducted by GMD1 or DWR to determine if the capability of the well(s) under appeal exceed their Historical Use. The resulting flow rate will be multiplied by 135 days to establish an annual acre foot quantity. The greater of Historical Use or test result quantity shall be reduced by the appropriate 5 year term Conservation Factor.

WESTERN KS GROUNDWATER MANAGEMENT DISTRICT #1

46th ANNUAL MEETING

WHEN: February 20, 2019 @ 1:30 CT
WHERE: Community Building 502 East M Street, Leoti Ks

The following information is available @ www.gmd1.org

Annual Meeting Draft Agenda
Draft of Wichita County LEMA Proposal
Proposed LEMA Allocations (LEMA Page)

2019 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
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GREG GRAFF		
Stephen Lauer	SLAUER@KSU.edu	Kansas State University
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Jeff Little	Jeff.Little@ks.gov	KDA
Brenna Wilson		KGS
Mark Callahan		
Bob Hazen		GMD-1
Mike Meyer	KDA	
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Abram Lollar	alollar@ducks.org	Ducks Unlimited
Don Smith	dlfarms@pld.com	
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Mike York	fmyork@st-tel.net	
Loren Seaman	seamancrop@hotmail.com	Seaman Crop Consu
Chris Hindman	Chrishindman66@Yahoo.com	Tescott IM.
Erich Williams	erichw@woodfor.com	Woodfor Irr.
Jeff Schmalzried	jeff@feedcattle.com	Lane County
Fawn Witt	fawn-witt@yahoo.com	Wichita Co
Diana Long	ltlong@fairpoint.net	Wichita Co.
David Schuette	davids@dragonline.net	Dragon Line
Arla Otter		Greeley

2019 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Dan Ware	Tribune	Greeley
Garrett Wilbur		Wichita
Travis Wilson		Greeley
Steven Marcy	Leoti	Wichita
Mike Marcy	Leoti	Wichita
Richard Miller	Leoti	Wichita
Trevor Bush	Leoti	Wichita
Steve Schemm	Sharon Springs	Wallace
Chris Heaverlo	Scott City	Scott
Paul Myers	Leoti	WH
NEIL Wilson		LANE
Ben Cramer		Lane
Curtis Kahl		Wichita
Jerome Berning		Wichita
Drew Smith	Marienthal	Wichita
Earl Smith	Marienthal	Wichita
Luke Smith	Marienthal	Wichita
Ray Smith	Sharon Springs	Wallace
Gabe Cox	Weskan	Wallace
Travis Busson	Sharon Spgs.	Wallace
Barbara Wilson	Leoti	WICHITA
Mark Whitham	Leoti	Wichita
Richard Hamelton	Scott City	Scott

2019 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Tammy Simons	tammysimonsed@gmail.com	WC - WCA
Terry Fralick		SC
Ronald Eaton		SC
Aaron Sims		Wichita
Lee Mazanec		Wichita
Ryan Maranan		Wichita
Travis Cartmill		Lane
Tony Winter		Wichita
Joyce Hinerman		Lane
Shawn Biermann		Ness
~~Janet A Rueman~~		~~Lane~~
Teresa Sawin		Scott
Steve Compton		Scott
Dan King		Scott
Jim King		Scott
Darren VanAllen		Wallace
[illegible]		Scott Co.
Frank Meiwes		Scott City
[illegible]		Wallace Co
Teresa K. Schrader		Wichita Co.
Jim Rowton		Wichita, Co.
Bill W. Bark		Wichita Co
[illegible]		Wichita Co.

2019 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Glenn T Roberts	lane.countyhomestead1866@gmail.com	Lane
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Bryan McKinney	bryanmck@wbsnet.org	Wallace
Jim Minnix	jeminnix@wbsnet.org	SCOTT

WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 1

46TH Annual Meeting Minutes

The Community Center, Leoti KS.

February 20, 2019

Board Members Present

Greg Graff

Robert (Bob) Hoeme Jr.

Mark Callender

Board Members Not Present

Danny Welsh

Mark Cavenee

Staff Members Present

Kyle Spencer, District Manager

Pat Ryan, Technician

Agency Representatives Present

Mike Meyer, Austin McColloch, Jett Little	Division of Water Resources, Garden City Field Office
Armando Zarco	Kansas Water Office
Brownie Wilson	Kansas Geological Society
Jonathan Aguilar	KSU Research & Extension
Stephen Lauer	KSU Graduate Research Assistant

Call the Meeting to Order

The Western Kansas Groundwater Management District No. 1 Annual Meeting was called to order by President Greg Graff at 1:57 p.m. on February 20, 2019 at Leoti's Community Center with approximately 75 people in attendance.

Approval of the Agenda

Terry Woodbury made a motion to amend the agenda order, by moving Brownie Wilson's presentation - first, Lema Proposal - second, and election of board members - third, with the remainder of the agenda to follow in the order presented. Mark Callender seconded the motion which passed unanimously.

Brownie Wilson – District Water Information

Brownie stated 135 of 1400 wells measured annually are in GMD1 and the District provisional water level decline for the past year is .47' or 5.64" however this figure may be revised once the final analysis and any necessary re-measurements are completed. Annual changes are not as important as 5 year trends due to any single year can be heavily influenced by precipitation which 2018 was above average for most areas in GMD1.

Previous analysis of District water use to water level decline relationships based on the years 2005-2016 have been updated using the years 2010 to 2017 due to more wells, approximately two-thirds, having totalizing flow meters installed during this period which provides more accurate water use data. The approximate reduction percentages needed to attain stabilization District wide and per county for both periods are as follows.

	District	Wallace	Greeley	Wichita	Scott	Lane
2005-16	33%	62%	21%	24%	12-20%	18%
2010-17	28%	46%	22%	27%	17-38%	21%
Confidence	87%	92%	83%	88%	50-61%	75%

Summary of Wichita County LEMA Proposal

Board President Greg Graff and Manager Kyle Spencer reviewed a draft proposal for a Local Enhanced Management Area (LEMA) in Wichita County reiterating that this is just a proposal open for discussion and questions. Postcards informing the public of the annual meeting and the availability of the draft proposal on the District's website were sent out the first week in February. Copies of the proposal were also provided to those in attendance. This was the second public meeting to discuss the proposed plan and get feedback from the public. Also reviewed was the process of implementing a LEMA which follows a regimented process before the plan could be approved including multiple reviews by the Chief Engineer of the Division of Water Resources both before and after two required public hearings. Upon completion of the proposal review, questions from the public included concerns for those that had already been

voluntarily conserving either by planting less water intensive crops such as wheat and sunflowers, fewer acres or utilizing water conserving technologies such as sub-surface drip irrigation systems. Additional issues included new owners that were not the owner or operator of a water right during the 2009 – 2015 period which is used for establishing the LEMA allocations and wells tied together as a pumping unit located in different counties that may eventually be subject to different reduction restrictions. Concerns were also expressed about rural domestic wells and how their priority is measured compared to an irrigation well. The proposal has an appeals process to address many of these circumstances however the District is open to ideas for improvement such as the possibility of exempting sub-surface drip systems. In response to these concerns the District representatives agreed some issues are new which may require additional language in the plan and aspects of the appeal process may need further clarification. That is why these meetings are so important it is very difficult if not impossible to develop a plan that will satisfy everyone. To that end the public was reminded of the opportunity to form an individualized voluntary Water Conservation Area (WCA) plan, however the plan must meet or slightly exceed the LEMA's conservation standards but can provide tailored flexibilities for a producer's operation.

Greeley and Scott County Board Member Election

Bob Hoeme, Don Smith, and Travis Weaver introduced themselves to the attendees before any final ballots were cast. The ballots were counted by Jan King and Stephen Lauer. Unofficially Don Smith will represent Scott County and Travis Weaver will be the Greeley County representative.

Jonathan Aguilar – Irrigation Technology and Research

Jonathan reviewed ongoing research at two technology farms in GMD1 and in the Garden City area. He advised irrigation system efficiency is not a fixed value and is relative to the application rate, with a slower speed and a slightly higher rate usually being the most efficient. With several years of research data in the books bubbler nozzles are showing to be better performers than iwobs and spray nozzles. The research on mobile drip irrigation (MDI) indicates there is 35% less soil water evaporation than with spray nozzles and it is very suitable for low capacity wells, flat locations, lower profile crops, and has the additional benefit of reducing wheel tracks. MDI management in more involved and expensive than spray nozzles but less intensive and cheaper than sub-surface drip irrigation (SDI) systems however SDI is the most efficient. The K-State Research and Extension Mobile Irrigation Lab website provides information for current and prospective MDI users. The site also provides several tools for scheduling irrigation events (KanSched 3) and a multi-year crop water allocator tool all designed to increase irrigation efficiency which increases profit margins. Lastly Jonathan reminded the public of the Central Plains Irrigation Conference in Kearney, Nebraska on February 26 and 27.

Approval of the February 13, 2018 Minutes

Arla Peter made a motion to approve the February 13, 2018 annual meeting minutes as presented. Chris Holovach seconded the motion. The motion was approved unanimously.

Presentation of Treasurers Report

President Greg Graff presented the 2018 Statement of Revenue & Expenditures & the 2020 Proposed Budget. He advised the 2020 Budget will not be finalized until the Budget Hearing held in July. He encouraged anyone with questions or concerns to attend the hearing or contact a board member prior to the hearing. There were no questions or comments at this time.

Summary & Update of District Activities

District Manager Kyle Spencer expressed appreciation to the irrigation technology vendors in attendance and acknowledged the group working to restore Playas in the area. He encouraged anyone with a playa on their land to visit with the group regarding funding for restoring or setting aside the area for conservation measures. He then reviewed the District's irrigation cost share program statistics which is in the third year. For the three year period the District has budgeted a combined total of $365,000 and has paid out $231,000 with another $38,000 in committed funds leaving approximately $95,000 for the current application period that ends May 31, 2019. The most applied for technologies have been moisture probes, pivot monitoring/control systems, bubblers and mobile drip irrigation systems in that order. We continue to receive positive feedback from applicants and encourage anyone wishing to try one of the technologies to do so. Applications are available on the homepage of the District's website, at the District office, or by fax or mail.

Agency Updates

Division of Water Resources: Mike Meyer advised 52% of water use reports, which is approximately 19,000 water rights and 26,000 wells, have been filed online and reports are 139% ahead of a year ago at this same time. There are a few issues to be worked out for next year but for the most part the online reporting is working well and anyone needing assistance filing online can contact his office or GMD1. He reminded the public of the March 1 deadline for the reports

and reviewed the new fee for filing paper reports as well as the penalties for filing late reports. He encouraged anyone interested in a Water Conservation Area (WCA) or any other conservation plan to contact his office.

Kansas Water Office: Armando Zarco reported the KWO is still waiting for official appointments from the new administration for a new Director and KWA chairman. Currently Earl Lewis is the interim Director since Tracy Streeter retired and Gary Harshberger is still serving as the Kansas Water Authority Chairman. Armando's new position for the KWO based in Garden City is the first to be established outside of the Topeka office due to requests from the public and he is eager to address any questions or comments for the KWO. The KWO has a water technology farm (WTF) program, there are currently ten across the State with two of these in GMD1. They are currently working on establishing another five or six more this year and currently working with Ray Smith on developing one to coincide with his WCA. If anyone is interested in developing a WTF let him know and there is additional information for each existing WTF on the KWO website.

Adjournment

The meeting was adjourned by Board President Greg Graff at 5:15 p.m.

Respectfully Submitted: Approved:

Kyle Spencer	Greg Graff	Date

WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 1

46TH ANNUAL MEETING

FEBRUARY 20TH, 2019- 1:30 P.M. CT 12:30 P.M. MT

THE COMMUNITY CENTER
502 EAST M STREET
LEOTI, KS

Opening Remarks & Introductions.....Greg Graff
President

Approval of Agenda
Approval of February 13, 2018 Minutes
Treasurers Reports & Proposed 2019 Budget

Summary and Update of District Activities ..... Kyle Spencer
District Manager

Updates & WCAs .....KDA/DWR Staff

Irrigation Technology & Research ....Jonathan Aguilar
KSU Research

District Water Information .....Brownie Wilson
Kansas Geological Survey

LEMA Proposal .....GMD#1

Election of Board Member Greeley & Scott Counties .....Greg Graff
President

Adjourn

THE WATERLINE

FALL 2019

DISTRICT MANAGER

Kyle Spencer

gmd1@wbsnet.org

ADMINISTRATIVE ASSISTANT

Maggie Morrison

admin@wbsnet.org

FIELD TECHNICIAN

Pat Ryan

DISTRICT INFORMATION

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TELEPHONE:

(620) 872-5563

FAX:

(620) 872-7315

COST SHARE PROGRAM

The District has made a few minor changes to the application process for its irrigation cost share program. Applications will now be accepted year around as long as funds are available and invoices for approved applications must be submitted to the District office within one year of the application approval date. As before, payments are made directly to the technology vendor and previously approved applicants may reapply, however applying for the same technology in the same location is not allowed. Application period status and applications can be found on our homepage at gmd1.org or at the District office.

IMPORTANT DATES:

BOARD MEETINGS:

NOV 5, 12, 20, 2019
DEC 18, 2019

GOVERNOR'S WATER CONFERENCE

NOV 7 - 8

LEMAs

Board meetings for further LEMA discussions will be held at the District office beginning in the month of November. Currently there are meetings scheduled for November 5th and the 12th, however these dates could change if necessary to accommodate the completion of fall harvest. Please check the calendar page at gmd1.org for updates and possible additional meeting dates or contact our office for the latest information. At this time the earliest possible date for implementation of a LEMA plan anywhere in the District would be the 2021 irrigation season.

NEW DISTRICT ELECTION POLICY

The District has adopted a new election policy for Board member elections and any other voting events that occur during the annual meetings. The new policy and voter registration form is available on the homepage at gmd1.org or at the District office. A few of the primary aspects of the new policy are one person one vote, registrations must be submitted to the District office by the deadlines detailed in the policy and voters must be present at the annual meeting in order to vote. Annual meetings are held in February on the third Wednesday of the month. Please contact our office if you have any questions.

If you prefer not to receive future newsletters via e-mail, please contact the office to have your address removed.

UPDATED SUMMARY

WICHITA COUNTY LEMA DRAFT PROPOSAL

5 YEAR PLAN – 2021 - 2025

- 2021 – 2025: 25% Reduction of historical use

- Historical Use Period: 2009 – 2015 Inclusive – 7 year average use, years with zero use removed from the average.

- LEMA Minimum Allocation - 20% of the annual authorized quantity or held to historical use if already below the 20% minimum.

- Five-year allocations will be developed for the LEMA period. The annual LEMA acre-foot quantity may be exceeded. The 5 year Lema allocation and a water right's annual authorized quantity may not be exceeded.

- Any unused LEMA allocation will be recommended as allowable carryover to a new 2026 LEMA plan without the carryover quantity being subjected to the new LEMA's conservation factor.

- Combined Well Unit – A combined quantity for multiple wells diverting water from the same source of supply and physically tied together for the distribution of water. No well shall be allowed to pump more than its annual authorized quantity. Water Right changes may be required to gain approval.

- Vested Water Rights are exempt from the LEMA and are excluded from utilizing LEMA flexibilities unless voluntarily enrolled.

- Due consideration for past voluntary conservation - For years in which the owner documents their past voluntary conservation, a flow rate test will be conducted by GMD1 or DWR to determine if the capability of the well(s) under appeal exceed their Historical Use. The resulting flow rate will be multiplied by 150 days to establish an annual acre foot quantity. The greater of Historical Use or test result quantity shall be reduced by the 25% Conservation Factor.

- Water Rights on land not owned, leased or otherwise previously controlled or pumped for any of the years, 2009 thru 2015, by the FSA producer of record as of January 1, 2020 shall be allowed a flow rate test. The test results multiplied by 150 days will establish a new Historical Use record.

SUMMARY

WICHITA COUNTY LEMA DRAFT PROPOSAL

15 YEAR PLAN – 3 CONSECUTIVE 5-YEAR TERMS

- 2020 – 2024: 20% Reduction of historical use
  2025 – 2029: 30% Reduction of historical use
  2030 – 2034 40% Reduction of historical use
- Historical Use Period: 2009 – 2015 Inclusive – 7 year average use

- LEMA Minimum Allocation - 20% of the annual authorized quantity or held to historical use if already below the 20% minimum.

- Five-year allocations will be developed for each five-year term. The annual LEMA allocation may be exceeded, as long as the water right or individual point of diversion's annual authorized quantity and each five-year LEMA term allocation is not exceeded.

- 100% of any unused five-year allocation may be carried forward to the next five-year term. The carryover quantity will not be subject to the next term's conservation factor.

- Combined Well Unit – A combined quantity for multiple wells diverting water from the same source of supply and physically tied together for the distribution of water. No well shall be allowed to pump more than its annual authorized quantity. Water Right changes may be required to gain approval.

- Vested Water Rights are exempt from the LEMA and are excluded from utilizing LEMA flexibilities unless voluntarily enrolled.

- Due consideration for past voluntary conservation - For years in which the owner documents their past voluntary conservation, a flow rate test will be conducted by GMD1 or DWR to determine if the capability of the well(s) under appeal exceed their Historical Use. The resulting flow rate will be multiplied by 150 days to establish an annual acre foot quantity. The greater of Historical

Use or test result quantity shall be reduced by the appropriate five-year term Conservation Factor.

- Water Rights on land owned, leased or otherwise not previously controlled or pumped for any of the years, 2009 thru 2015, by the FSA producer of record as of January 1, 2019 shall be allowed a flow rate test. The test results multiplied by 150 days will establish a new Historical Use record.

2020 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
[illegible]	[illegible]	[illegible]
Mark Wilbur	mbwilbur@wbsnet.org	WH
Gary Wilbur	426 W. Co. Rd. L	Leoti, Wichita
Dennis Weaver	PO Box 512	Tribune KS
Matt Long		Leoti KS
Jon King		
[illegible]		
[illegible]		Scott City, KS
[illegible]		Leoti KS
[illegible]	991 Hwy 4	Scott Co.
Steve Compton		
Teresa Sowers		
Marian Beirman	506 S 7th Leoti, KS	Wichita
Craig Berning	PO Box 42 Leoti KS	Wichita
Rod Waxton	Box 377	Scott City
Craig Ellis	7821 N. Hwy 83	Scott
MIKE ELLIS	801 CEDAR DR	SCOTT
[illegible]		Wichita
[illegible]	[illegible]	Scott
Joe Gellman	414 West High 96, Leoti KS	Wichita
Craig Griswold	cgriswold@kbaenviro.com	Scott

2020 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Brian Wilson		KGS
Keaton Pearson		KWO
Matt Smith		PLSA
Don Smith		Wichita
DANNY R WELSH		WALLACE
LANE LETOURNEAU		MANHATTAN
MIKE MEYER		KDA/DWR
Stephen Lauer	SLAUER@KSU.EDU	K-State
Frank Loh		Wash Co
Dan Olsen		
Frank Mercurio		Upper Smoky Hill RAC
Bobbi Luttjohann		KWO
Kurtis Meier		KDWPT
Logan McKinney		Wichita
Bill Simshauser		Kearny KACO
Jim Rowton		Wichita
Amy Varner		Wichita
Gary Berning		Wichita
Mark Gallagher		Dighton
Craig Ramsey		Scott City

2020 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Garrett Reiss	1001 Trey Pl St George 66533 garrett.r@phytech.com	Wallace / Phytech
Eric Betschart	ebetschart@ceresimaging.net	Ellis / Ceres
Britton Ferguson	btferguson@agaspy.com	Harlan / Agaspy
Erich Williams	erichw@wooftr.com	Wooftr Irrigation
Sherise Williams	—	" "
Quinn Charling	quinn.charling@lindsay.com	Lindsay Corporation
Justin Yount	jyount@hydroresources.com	Hydro Resources
Skip Garner	SKIPG@teeterii.com	TEETER IRRIGATION - GC
Chris Hindman	Christopherh@teeterii.com	TEETER IRRIGATION - GC
JR Hunter	jrh@teeterii.com	TEETER IRRIGATION - GC
Stan Gruver	spgruver@pld.com	Scott
Gary Graff	gsgraff@fairpoint.net	Wichita
Brian Bouck	longhorfarmer@hotmail.com	Wichita
Tom Ridder	tomridder65@gmail.com	Wichita

2020 ANNUAL MEETING SIGN-IN

NAME	MAIL/E-MAIL ADDRESS	COUNTY/AGENCY
Joseph Bunde		Wichita
Harold + Bonnie Bunde		Scott County
Robert Underhill		SC
Jerome Benning		SC
Ray Smith		Wallace Co.

WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 1

47TH ANNUAL MEETING

FEBRUARY 19TH, 2020- 1:30 P.M. CT 12:30 P.M. MT

THE WILLIAM CARPENTER BUILDING
608 FAIRGROUND ROAD
SCOTT CITY, KS

Opening Remarks & Introductions.....Greg Graff
President

Approval of Agenda
Approval of February 20, 2019 Minutes
Treasurers Reports & Proposed 2021 Budget

Summary and Update of District Activities .....Kyle Spencer
District Manager

Agency Updates ..... KDA/DWR/KWO Staff

Restoring Playas.....Matt Smith
Playa Lakes Joint Venture

Social Aspects of Groundwater Management.....Stephen Lauer
KSU

District Water Information ..... Brownie Wilson
Kansas Geological Survey

<u>Wichita County</u> LEMA Proposal .....GMD#1

Adjourn

WESTERN KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 1

47TH Annual Meeting Minutes

The William Carpenter Building, 608 Fairground Road, Scott City, KS.

February 19, 2020

Board Members Present

Greg Graff

Mark Callender

Danny Welsh

Board Members Not Present

Bob Hoeme

Mark Cavenee

Staff Members Present

Kyle Spencer, District Manager

Pat Ryan, Technician

Maggie Morrison, Administrative Assistant

Agency Representatives Present

Tom Adrian, GMD1 Legal Counsel	Adrian & Pankratz Law Office
Lane Letourneau, P.G.	KDA/DWR Water Appropriation Program Manager, Manhattan
Mike Meyer, Water Commissioner	Division of Water Resources, Garden City Field Office
Bobbi Luttjohann, Chief Water Resource Planner	Kansas Water Office
Armando Zarco	Kansas Water Office
Keadren Pearson	Kansas Water Office
Brownie Wilson	Kansas Geological Survey
Stephen Lauer	KSU Graduate Research Assistant
Matt Smith	Playa Lakes Joint Venture

Call the Meeting to Order

The Western Kansas Groundwater Management District No. 1 Annual Meeting was called to order by President Greg Graff at 1:46 p.m. on February 19, 2020 at the William Carpenter Building in Scott City with approximately 62 people in attendance.

Opening Remarks

President Graff welcomed everyone in attendance and introduced State Agency representatives along with District personnel. He also provided some history on the District and noted the Local Enhanced Management Plan (LEMA) discussion on the agenda is for Wichita County only.

Approval of the Agenda

Danny Welsh made a motion to approve the agenda as presented. Bob Winderlin seconded the motion which passed unanimously.

Approval of the February 20, 2019 Annual Meeting Minutes

Mark Callender made a motion to approve the February 20, 2019 minutes as presented. Farrin Watt seconded the motion which passed unanimously.

Treasurers Report & Proposed 2021 Budget

President Graff presented the 2019 Statement of Expenditures & the 2021 Proposed Budget. He advised the 2021 budget would not be finalized until the budget hearing scheduled for the third week in July. As there were no questions or comments at this time, he encouraged anyone with questions to attend the hearing or to contact a board member prior to the hearing.

Summary & Update of District Activities

Kyle Spencer reviewed the District's irrigation cost share program which is in its fourth year. The District has budgeted a total of $465,000 for the four year period and to date has paid out $312,000 leaving adequate funds available for 2020. Applications are now accepted year around as long as funds are available and cost share for the lowering of nozzle height has been added to the program's list of approved technologies. The program also has contributed funds to the development of three water technology farms (WTF) within the District; Circle C Farms – Lane/Scott County; Matt Long – Wichita County and Ray Smith – Greeley/Wallace County. The WTF program and associated field days held during the summer at each participating farm across the State was developed by the Kansas Water Office to provide producers the opportunity to examine new technologies that can enhance profits while conserving water. The technology vendors in attendance were introduced and the public was encouraged to visit their displays. He then emphasized the LEMA plan on the agenda only pertains to Wichita County and until this plan is approved the board is not initiating proposals for

other areas of the district. Additionally, when or if proposals for other areas are considered the Wichita County plan is not necessarily a template for those areas. The Division of Water Resources completed an informal review of the plan prior to today's meeting and although there were suggestions for minor language changes, the primary components of the plan presented today should not require any significant changes. Lastly the KSU Southwest Research & Extension Center will be conducting a field survey of irrigation systems over approximately twelve counties in Western and Central Kansas. The survey team will not enter any private property but will be at predetermined county road intersections from now thru May. The survey will update two similar surveys conducted in 2003 and 2006.

Agency Updates

Kansas Water Office (KWO): Armando Zarco reported the State Water Plan is being updated this year and he encouraged anyone to stop by their informational table during the meeting today to gather information or to provide public input. The Upper Smoky Regional Advisory Committee which covers the GMD1 area currently has two vacancies and if anyone is interested in becoming a member to let him know or attend the next meeting scheduled for March 24 in Scott City. The next Kansas Water Authority meeting will be April 14 in Hutchinson and this year's Governor's conference will again be held in Wichita on November 9th and 10th. Currently there are 15 water technology farms in the State three of which are in GMD1. Anyone wanting to learn more about the farms can contact Armando or go to the KWO website.

Division of Water Resources (DWR): Mike Meyer reminded everyone that water use reports are due March 1 and they must filed online to avoid the $20 paper filing fee. The chief engineer is retiring next week however an interim will be appointed and business will continue as usual. He also reported this year is the fifth anniversary for water conservation areas (WCA) resulting in about 20,000 acre feet of water savings over the approximately 80,000 enrolled acres. If anyone is interested in developing their own WCA, please contact his office.

Matt Smith - Playa Restoration

Matt stated the Playa Lakes Joint Venture group covers parts of six states and has a management board made up of local and federal government agencies along with numerous non-profit groups. The group works to conserve and restore playas. In Kansas most playas are small averaging about 3.5 acres in size however they are important as points of recharge for the aquifer and for recreational purposes. Recharge from playas is ten to 100 times greater than the surrounding area and they also improve the water quality. Grass buffers help prevent sediment infiltration which slows or blocks recharge and increases evaporation losses. Approximately one year ago his group along with numerous local partners started a playa restoration project for municipal and some domestic wells in Wichita and Greeley counties becoming the first pilot project in Kansas. They have applied for a $1.4 million NRCS regional conservation partnership grant and have secured in kind contributions of $1.5 million from local partners. They hope to know by March 9, 2020 if NRCS will fund the grant application.

Stephen Lauer (KSU) – Social Aspects of Groundwater Management

Stephen presented research results regarding producer attitudes and beliefs towards groundwater management. A survey of 1226 producers was conducted over the eight state Ogallala Aquifer region of which 279 were Kansas producers. Ninety percent of Kansas respondents believed that groundwater should be conserved primarily for future generations and their communities in general, however 72% believe they are already conserving as much as possible. Currently only 4% of producers are involved with voluntary group efforts to conserve but 79% believe they would have something to contribute if a group was formed. The primary obstacle to voluntary group efforts is the time required to organize, however those already involved in conservation efforts indicate they continue to find additional ways to conserve once they committed to the process of making changes in their operation. With support from their communities and government agencies voluntary efforts can grow and provide leadership for others to make a significant contribution to conservation.

Brownie Wilson (KGS) – District Water Information

Brownie advised that 138 wells were measured in the District for the annual water level measurement program. The District's average change was a decline of .25' or 3" however this figure could be revised once all the necessary re-measurements are completed. He then provided data related to the proposed Wichita County Lema. This data indicated the average water level decline for the 2009 to 2015 period was .59' or just over 7" and this would require reduction in pumping of at least 20% to obtain a short term (10-20yrs.) stable condition. Lastly, KGS has been working on the recalibration of the District's groundwater model in order to bring the simulated model more in alignment with recently accumulated observed data. The primary adjustments were to the specific yield values and the lagged drainage curves. The model was developed over a two and one-half year period beginning in January of 2013. After these minor adjustments the model now more accurately represents observed data acquired since its development.

Wichita County LEMA Proposal

Board President Greg Graff and Manager Kyle Spencer reviewed the revised Wichita County Lema proposal. A one page plan summary was provided in all meeting packets and copies of the entire plan were available to the public at the

meeting sign in table. The public was also advised the plan along with the proposed allocations are available on the Lema page of the district's website. The meeting attendees were asked if they were familiar or had some knowledge of the proposal. Although no official tally was taken, a strong majority responded affirmatively. The public was advised the revised plan is basically the same as the previous plan with a couple of exceptions. The review called attention to the two major changes from the previous plan, the change from a fifteen to five year plan and the percent reduction change due to the shorter term plan. It was also noted in response to public input an additional appeal process was added for new water right owners that were not the owner of record during the 2009 to 2015 period and any unused five year allocation carryover remains part of the plan however it is now only a recommendation to a subsequent Lema plan due to the shorter Lema period. Although unchanged from the previous plan the remainder of the plan summary was reviewed followed by questions and comments from the public. The few questions that were asked included, what is the next step towards implementing the plan and why only Wichita County. Respectively, it was explained the board will review the recent feedback from DWR, make any necessary changes before formally adopting the plan. Once adopted the plan will be formally submitted to DWR for review and if found acceptable for submission, the first of two required public hearings would be scheduled. After both public hearings are completed the chief engineer will review all submitted testimony to determine if the plan should be approved or returned to the District for revisions. As for why only Wichita County, although the board considered a district wide plan several times throughout the planning process, central to the decision was the fact that many Wichita County residents were requesting the implementation of a Lema. There were numerous other factors as well some of which included the planning time necessary for a district wide plan versus a single county plan, recommendations to use Wichita County as a pilot plan for the first historical use/percent reduction based Lema plan. There were only two comments provided, the first stated there is little difference between Wichita and Scott County and encouraged the implementation of an inch per acre plan in Scott County. The second comment indicated the appeal process provides too many loopholes that will allow allocations to be increased. As there were no more questions or comments, the Lema discussion was concluded.

Greg advised that Danny Welsh is retiring from the board but due to no candidates declaring for the election of the Wallace County position he will continue to serve until a qualified replacement can be appointed by the board. He encouraged anyone from Wallace County interested in the position to contact the board. Danny was thanked by all in attendance for his many years of service on the board.

Adjournment

Mark Callender made a motion to adjourn the meeting at 4:03 p.m. Bob Winderlin seconded the motion. The motion was approved unanimously.

Respectfully Submitted: Approved:

_____ _____ _____

Kyle Spencer Greg Graff Date

WESTERN KS GROUNDWATER MANAGEMENT DISTRICT #1

47th ANNUAL MEETING

WHEN: February 19, 2020 @ 1:30 CT
WHERE: William Carpenter Building, 608 Fairground Rd, Scott City, KS

The Following Information is available @ www.gmd1.org

Annual Meeting Draft Agenda
Draft of Wichita County LEMA Proposal
Eligible Voter Requirements and Registration