

MANAGEMENT PLAN

For the Designation of a Water Conservation Area (WCA) Garden City Company (GCC) 2017 WCA; Finney and Kearny Counties, KS January 2017 through December 2021

In order to conserve and extend the productive life of the aquifer in our region and increase the value and viability of our water rights and water resources for future generations we, the undersigned water right owners propose the following management plan, pursuant to K.S.A. 82a-745 (WCA Law), to form the basis of a Consent Agreement and Order Designating a Water Conservation Area (WCA).

Expression of Conservation Goals

Local water right owners in northern Finney and Kearny counties are seeking ways to further the proper management of the groundwater resources of the area to prevent future economic deterioration by reducing the rate of decline in the Ogallala aquifer in this region. Some areas of this region have seen declines of more than 60 to 70 feet in the water table over the past ten years. By reviewing past water use and its impact on water levels, data show that a reduction in use will significantly extend the life of the aquifer in this area.

The goals of this WCA are to maintain production while enhancing profitability per acre-foot of water pumped, to examine and change current conservation practices as necessary, and to reduce water use over the term of the WCA from long-term averages. Water right owners enrolling in a consent agreement under the terms and conditions of this WCA management plan will work towards these goals by exercising more flexible and efficient use of the water resource.

We, the water right owners are consenting to the terms and conditions of this WCA and commit to reducing water use through a reduction in the long-term water use average (2006-2015) by a conservation factor of 15%. We, the water right owners are committing to this WCA prior to the initiation of a LEMA and recognize that current water use may not be sustainable for the long term and desire to reduce water use below long-term averages.

Water Rights Enrolled and Geographical Boundaries

The GCC 2017 WCA shall include the following water rights and all points of diversion associated with those water rights. The following legal descriptions define the areas included in GCC 2017 WCA in Finney and Kearny Counties:

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KANSAS DEPARTMENT OF AGRICULTURE -- DIVISION OF WATER RESOURCES

GCC Unit#	WCA Farm#	Water Right#	PDIV#	Sect-Twp-Range	Authorized Annual Quantity (AF)	Group Annual Quantity (AF)	Historical Ave. Use (06-15) (AF)
30	3	KE-19	69440	11-24S-35W	270	756	281.814
	3	2414	69440	11-24S-35W	370		
	3	7195-DB	69440	11-24S-35W	756		
19	3	FI-101	69319	27-23S-33W	120	2080	318.185
	3	17232	69319	27-23S-33W	600		
	2	FI-102	41157	28-23S-33W	480		196.378
	1	2415	38809	33-23S-33W	720		304.722
	2	7193-DF	40290	28-23S-33W	1100		362.342
5	2	FI-185	65507	18-23S-34W	800	1264	292.737
	2	22079	68528	18-23S-34W	736		202.172
8	1	FI-187	27470	22-23S-34W	640	1920	256.179
	1	7193 D-6	27470	22-23S-34W	160		246.395
	1	2412	77808	21-23S-34W	900		
	1	7193 D-6	80104	21-23S-34W	700		202.885
11	3	FI-191	85186	27-23S-34W	960	1280	225.130
	3	7193 D-8	39040	27-23S-34W	950		352.541
7	3	FI-193	77726	29-23S-34W	440	2560	358.572
	3	7193 D-5	77726	29-23S-34W	600		274.686
	3	7193 D-5	85187	20-23S-34W	1000		
	3	7193 D-5	34840	29-23S-34W	1200		410.685
	3	20267	75231	20-23S-34W	160		92.531
17	2	2408	41052	17-23S-33W	900	1920	244.959
	2	7193-DD	84004	20-23S-33W	950		304.220
	2	7193-DD	38579	20-23S-33W	950		340.878
29	2	2409	68314	13-23S-35W	1150	1400	235.354
	2	8941	75689	13-23S-35W	1400		365.611
3	1	7193 D-3	45064	16-23S-34W	700	700	220.934
	1	7193 D-3	72493	16-23S-34W	650		197.219

Totals

13,880

6,287.127

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The current total appropriations authorized for all water rights included in the GCC 2017 WCA are 13,880 acre-feet per year, with an average annual use during the period 2006-2015 of 6,287.127 acre-feet. With a 15% reduction from the historical average use the total 5-year GCC 2017 WCA allocation is 26,720.290 acre-feet.

GCC 2017 WCA Allocation

Average Yearly Use (2006-2015)	6287.127	Acre-Feet
15% Conservation Allocation	5344.058	Acre-Feet
WCA 5-Yr Total Allocation	26720.290	Acre-Feet

With a 15% reduction from the historical average use the total 5-year GCC 2017 WCA Farm #1 allocation is 6,070.417 acre-feet.

WCA Farm #1 Allocation

Average Yearly Use (2006-2015)	1428.333	Acre-Feet
15% Conservation Allocation	1214.083	Acre-Feet
WCA 5-Yr Total Allocation	6070.417	Acre-Feet

With a 15% reduction from the historical average use the total 5-year GCC 2017 WCA Farm #2 allocation is 10,814.762 acre-feet.

WCA Farm #2 Allocation

Average Yearly Use (2006-2015)	2544.650	Acre-Feet
15% Conservation Allocation	2162.952	Acre-Feet
WCA 5-Yr Total Allocation	10814.762	Acre-Feet

With a 15% reduction from the historical average use the total 5-year GCC 2017 WCA Farm #3 allocation is 9,835.111 acre-feet.

WCA Farm #3 Allocation

Average Yearly Use (2006-2015)	2314.144	Acre-Feet
15% Conservation Allocation	1967.022	Acre-Feet
WCA 5-Yr Total Allocation	9835.111	Acre-Feet

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The geographical boundary for this WCA is shown on the attached map and is described as follows:

WCA Geographical Boundary

Sec	T (S)	R (W)	NE (1/4)				NW (1/4)				SW (1/4)				SE (1/4)				Total Acres	WCA Farm #
			NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)	NE (1/4)	NW (1/4)	SW (1/4)	SE (1/4)		
17	23	33					40	40	40	40	40	40	40	40	40	40	40	40	480	2
20	23	33	40	40	40	40					40	40	40	40	40	40	40	40	480	2
27	23	33					40	40	40	40	40	40	40	40					320	3
28	23	33	40	40	40	40	40	40	40	40					40	40	40	40	480	2
33	23	33	40	40	40	40													160	1
34	23	33						40	40										80	1
16	23	34	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	1
18	23	34	40	40	40	40	40	38	38	40	40	38	38	40	40	40	40	40	632	2
20	23	34	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	3
21	23	34	40	40	40	40	40	40	40	40									320	1
22	23	34	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	1
27	23	34	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	3
29	23	34	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	3
13	23	35	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640	2
11	24	35									3			6	25	20	25	25	104	3
12	24	35	17	3	39	40			15	29	37	40	26	6		22			274	3

Grand Total Acres 7170

WCA Farm #1 Acres 1840

WCA Farm #2 Acres 2712

WCA Farm #3 Acres 2618

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Findings Regarding Groundwater Conditions

We understand that the WCA Law requires a finding that one of the following circumstances be present within the area geographic boundaries of this WCA; specified in K.S.A. 82a-1036 (a) through (d):

- a) Groundwater levels in the area in question are declining or have declined excessively;
- b) The rate of withdrawal of groundwater in the area equals or exceeds the rate of recharge within such area;
- c) Preventable waste of water is occurring or may occur within the area in questions; or
- d) Unreasonable deterioration of the quality of water is occurring or may occur within the area in question

and amendments thereto, exist, or include a finding or findings that the area within the geographic boundaries described in paragraph (1) has been closed to new appropriations by rule, regulation or order of the Chief Engineer.

We have been informed that the following conditions exist:

- Groundwater levels in the area in question are declining or have declined excessively; Water levels in some areas of northern Kearny and Finney counties have declined more than 60 to 70 feet from 2006 to 2015.
- The rate of withdrawal of groundwater in the area exceeds the rate of recharge.

See the attached maps and figures supporting these findings and observations. Such attached documents may include:

- Location Maps
- Estimated Useable Life Maps
- Changes in Water Levels
- Summary of Water Use History
- KGS Observation Well(s) Data (if applicable)
- KDA-DWR Theis analysis report (if applicable)

These conditions suggest the advisability of implementing the GCC 2017 WCA.

Per the Corrective Control Provisions and Plan for Conservation section, under this WCA management plan no water right, or point of diversion, is allowed any additional authorities than is currently authorized in the base water right. Therefore, it is determined that no further analysis, to determine possible impairments, needs to be completed for this WCA.

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Due Consideration for Past Conservation

We acknowledge that as described in the law, a water conservation area (WCA) management plan shall give due consideration to water users who have previously implemented reductions in water use resulting from voluntary conservation measures.

The Garden City Company owns shares of the Great Eastern Irrigation Association (Great Eastern Irrigation Ditch) and Kearny County Farmers Irrigation Association (Amazon Irrigation Ditch) to irrigate portions of land the Company owns. This surface water, when available, allows Garden City Company tenants to irrigate land out of the ditch system rather than drawing water from the Ogallala Aquifer. The use of surface water for irrigation has resulted in recent groundwater use that on average totals to approximately 45 percent of the annual authorized quantity.

However, because surface water can be unreliable as a source of irrigation water, we the water right owners request that in any year in which surface water is not available, verified by water use reports, that previous conservation of Ogallala groundwater resources through the use of surface water be considered for possible additional WCA allocations.

We would like to request a flexible amount of water be available during verified years of no surface water availability. We would like to request an additional maximum amount of up to 3,143.560 acre-feet to be applied to this WCA should the need ever arise. If the need does arise to use all the WCA allocation, plus this additional allocation, then we are still limiting this WCA to 29,863.850 acre-feet (5% conservation factor from recent historical use) for this 5-year WCA period.

As enumerated below we, the GCC 2017 WCA owners, request that its further conservation under this plan be considered in any LEMA proposed for the area or in a subsequent WCA under the terms herein.

Corrective Control Provisions and Plan for Conservation

We acknowledge that the following corrective controls will be in effect within the GCC 2017 WCA during the term of the WCA period listed:

1. Water rights, at the discretion of the owners, may be pumped as directed by the owner, provided that:
 - a. All points of diversion are limited to their annual authorized quantity.
 - b. All points of diversions are limited to their current authorized pumping rates.
 - c. The sum of water use under all water rights combined shall be limited to no more than 26,720.290 acre-feet every five (5) years.
 - d. The sum of water use under all water rights combined, under WCA Farm #1, shall be limited to no more than 6,070.417 acre-feet every five (5) years.
 - e. The sum of water use under all water rights combined, under WCA Farm #2, shall be limited to no more than 10,814.762 acre-feet every five (5) years.

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- f. The sum of water use under all water rights combined, under WCA Farm #3, shall be limited to no more than 9,835.111 acre-feet every five (5) years.
 - g. If a verified report shows that no surface water was available during the five-year WCA, there shall be an additional allocation of up to 3,143.560 acre-feet to use within this WCA period
- 2. The corrective control provisions of the GCC 2017 WCA cannot conflict with the rules and regulations of the local GMD that result in greater overall conservation of water resources. If a Local Enhanced Management Area (LEMA) plan or an Intensive Groundwater Use Control Area (IGUCA) is formed after the initiation of the GCC 2017 WCA, and the WCA is partially or wholly within the LEMA or IGUCA, the corrective control provisions that result in the greater overall conservation of water resources based on inches per acre and not based on percent reduction of average historical use shall prevail. However, any LEMA or IGUCA must give due consideration to the conservation achieved by WCA participants pursuant to 82a-745(a)(6). The Chief Engineer is authorized to amend the provision of the WCA to conform to any rules, regulations, or requirements that result in greater conservation of the water resource subject to the foregoing due consideration for past and current conservation.

We, the water right owners enrolling in this WCA understand we may gain the following flexibilities in consideration for our conservation.

- 3. Should an order of designation for a LEMA be implemented for the area including the WCA prior to December 31, 2021, the applicant requests that the due consideration of its voluntary conservation under this plan be provided via an additional allocation within the first LEMA allocation period in the amount of 10% of a single annual WCA allocation (10% of 1/5th of the WCA allocation or 534.406 AF) plus 10% of the annualized unused quantity may be carried over into the LEMA allocation. (e.g. if the WCA precedes the LEMA by two years and the two-year use is 9,000 AF, the additional carry-over would be $10\% \times [5344.058 \times 2 - 9,000]$ AF or 168.812 AF; giving a total would be 703.218 AF (534.406 AF + 168.812 AF) to be carried over into a LEMA.
- 4. Should an order of designation for a LEMA not be implemented prior to December 31st, 2021, up to 1/5th (5344.058 acre-feet) of the 5-year WCA allocation may be carried over and added to a subsequent WCA period; if unused during the duration of this WCA period and if a minimum of a 5-year WCA period. In order to for the carryover quantity to be included, all owners must enter into agreement to participate into a subsequent WCA by December 31st of the last year of this WCA period.

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Compliance Monitoring and Enforcement

We, the owners, understand that the following compliance monitoring and enforcement provisions are proposed. This section also includes any specific provisions regarding measuring or reporting water usage.

There are seven (7) recognized observation wells within one mile of the GCC 2017 WCA boundary that have for many years been measured annually by the Kansas Geological Survey (KGS). See attached water right area map. These wells will continue to be measured annually and the data collected will help in evaluating the effectiveness of the WCA. An onsite observation well may be necessary to monitor the local water level more accurately.

We will submit an annual report no later than March 1st and maintain a spreadsheet detailing the following information for each well and all wells combined: beginning and ending meter readings, quantity of water diverted, acres irrigated, the inches per acre, and the quantity of water remaining for the WCA period listed. These records will be available to KDA-DWR upon request.

We will ensure backup measurements will be supported or an alternate measurement device will be available to be put into service in case the water flowmeter record for any given well is questionable or not reliable.

We acknowledge that water flowmeters within the WCA will be sealed to the measurement chamber by KDA-DWR during the duration of this management plan to ensure an accurate water use record.

We, water right owners within the GCC 2017 WCA shall be responsible for ensuring the water flowmeters comply with state and local law(s). Any water right owner or authorized designee who finds a flowmeter that is inoperable or inaccurate shall within 48 hours contact the KDA-DWR concerning the matter. Whenever an inoperable or inaccurate flowmeter is repaired or replaced, the owner or authorized designee shall notify the KDA-DWR within seven (7) days on a form prescribed by the Chief Engineer of the water flowmeter installation and any water flowmeter repair or replacement event.

We acknowledge that failure to abide by the terms of this agreement may result in the termination of the WCA. Failure to abide by the terms, conditions, and limitations of the individual water rights will be subject to the civil penalties outlined in K.A.R. 5-14-10 and K.A.R. 5-14-12.

Review of Effectiveness

We acknowledge that a review of this WCA shall be completed prior to November 1st of the final year of the WCA period listed to ensure the above terms remain appropriate and are achieving the stated goals of the GCC 2017 WCA. Should the Chief Engineer find that the terms are no longer

appropriate or that no progress has been made towards the stated goal, the Chief Engineer may refuse to renew a WCA and may suggest new terms and goals. We understand that upon review, and a finding by the Chief Engineer that the WCA has achieved or made progress towards its goals and that the same terms may be included in a subsequent WCA for another designated period. The terms of the WCA may be continued as long as GCC 2017 WCA is in good standing with its most recent WCA period and upon formal approval by the Chief Engineer. The Chief Engineer shall issue findings addressing the terms and goals of the existing management plan prior to any renewal of an subsequent WCA.

We acknowledge that unless terminated under the provisions below (e.g. due to the development of a LEMA), the WCA will be in effect for the listed period with an evaluation at the end of every WCA period. We understand that KDA-DWR will conduct this evaluation to ensure compliance and conservation. The evaluation will determine total water use during the WCA period.

We acknowledge that should an order of designation for a LEMA be implemented prior to end of this WCA period, an evaluation of this WCA will be conducted the year prior to the start of a LEMA. This evaluation may be used to determine an additional allocation amount of water to be carried over into a LEMA; should this be the case.

Member addition, withdrawal, and removal

We acknowledge that water right owners and their associated water rights and geographic boundaries may be added to the WCA upon written notification to the Chief Engineer by the owners of each enrolling water right with legal descriptions of the areas to be added. A member may withdraw from the WCA through written notification to the Chief Engineer signed by the owners of the participating water right or rights to be withdrawn from the WCA.

If the addition or withdrawal of water rights requires modification to the water allocation quantities, geographical boundaries, places of use, terms, or conditions of the original WCA, the management plan shall be revised to incorporate such changes and the associated consent agreement shall be reaffirmed by all parties, after opportunity for comment on the proposed revisions by the applicable GMD.

Termination

We acknowledge the GCC 2017 WCA agreement may be terminated by written notification, signed by all then-existing members of the WCA, to the Chief Engineer of the intent to terminate.

We also acknowledge that the Chief Engineer may terminate this WCA upon findings that it is not being upheld to its terms. Such termination shall give notice and require a full evaluation of the WCA and water rights associated to ensure follow up actions.

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State Law

We acknowledge that the GCC 2017 WCA is subject to compliance with all other applicable state laws.

Notification to Nearby Owners

We acknowledge that, by statute, the Chief Engineer is required to provide written notification to all water right owners with a point of diversion within ½ of a mile, or farther if deemed necessary, by a rule and regulation of the Chief Engineer, of the boundaries of this WCA.

Assurances

We acknowledge this WCA will not alter the terms, conditions, and limitations of the base water rights.

Review of Other Applicable Requirements

We acknowledge that upon review, the GCC 2017 WCA management plan was found to effect equal or greater overall conservation than applicable GMD regulations, LEMA, and IGUCA requirements.

Participant's Agreement

By signing below, we, the water right owners, agree that this Water Conservation Area Management Plan is fair and equitable. This management plan, provided to the Chief Engineer and water right owners, is the expressed written intent of the parties and the whole agreement between the parties. We, the water right owners agree to be bound by all the terms contained in this WCA Management Plan and understand that the provisions of this agreement shall be construed to give effect to the provisions listed. We, the water right owners also agree that this management plan is the basis for a consent agreement among the Chief Engineer and the undersigned water right owners, and therefore any order and consent agreement issued by the Chief Engineer, designating the GCC 2017 WCA, shall be binding upon all parties as the necessary formal implementation of this management plan.

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FOR THE PARTICIPANTS: All participating water right owner(s) signing below, affirm their approval of this WCA Management Plan and if approved by the Chief Engineer allow consent to the Chief Engineer to formally approve the designation of this Water Conservation Area, described herein, by means of a Consent Agreement and Order.

Troy P. Dumler Date: 3-14-18
THE GARDEN CITY CO, Representative-Troy Dumler (Signature)
Water Right No(s). KE-19, FI-101, FI-102, FI-185, FI-187, FI-191, FI-193, 2408, 2409, 2412, 2414, 2415, 7193-D3, 7193-D5, 7193-D6, 7193-D8, 7193-DD, 7193-DF, 7195-DB, 8941, 17232, 20267, & 22079

PO BOX 597, GARDEN CITY KS 67846
Full Mailing Address

Email Address

Phone Number

ACKNOWLEDGMENT OF NOTARY

State of Kansas)
) SS
County of Stimney)
Acknowledged before me on 3-14-18
by Troy Dumler
Signature: Julie Jones
Notary Public



My commission expires: _____
(Notary Seal)

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CERTIFICATE OF SERVICE

I hereby certify that on this _____ day of _____, 20____, copies of the foregoing were sent via first class, U.S. mail, to the following:

THE GARDEN CITY CO
PO BOX 597
GARDEN CITY KS 67846

Kansas Department of Agriculture
Staff Person

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Attached Maps & Figures:

Water Right Location Map- GCC 2017 WCA Water Rights & WCA Geographical Boundary (West)



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Water Right Location Map- GCC 2017 WCA Water Rights & WCA Geographical Boundary (East)



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Summary of Water Use History- GCC 2017 WCA Water Use

GCC 2017 WCA Summary

Legal Ave Water Use- A historical average calculated only using water use reports of equal or less than the annual authorized quantity.

GCC Unit #	WCA Farm #	WR #	ID#	PDIV#	Location (Sect, Twn, Range)	Historical Period (2000-2000)
30	3	KE-19	21	69440	11-24S-35W	06-15
	3	2414	2	69440	11-24S-35W	06-15
	3	7195-DB	20	69440	11-24S-35W	06-15
19	3	FI-101	5	69319	27-23S-33W	06-15
	3	17232	5	69319	27-23S-33W	06-15
	2	FI-102	1	41157	28-23S-33W	06-15
	1	2415	6	38809	33-23S-33W	06-15
	2	7193-DF	4	40290	28-23S-33W	06-15
5	2	FI-185	4	65507	18-23S-34W	06-15
	2	22079	5	68528	18-23S-34W	06-15
8	1	FI-187	1	27470	22-23S-34W	06-15
	1	7193-D6	1	27470	22-23S-34W	06-15
	1	2412	6	77806	21-23S-34W	06-15
	1	7193-D6	7	80104	21-23S-34W	06-15
11	3	FI-191	5	85186	27-23S-34W	06-15
	3	7193-D8	2	39040	27-23S-34W	06-15
7	3	FI-193	4	77726	29-23S-34W	06-15
	3	7193-D5	4	77726	29-23S-34W	06-15
	3	7193-D5	6	85187	20-23S-34W	06-15
	3	7193-D5	2	34840	29-23S-34W	06-15
	3	20267	5	75231	20-23S-34W	06-15
17	2	2406	1	41052	17-23S-33W	06-15
	2	7193-DD	6	84004	20-23S-33W	06-15
	2	7193-DD	4	38579	20-23S-33W	06-15
29	2	2409	3	68314	13-23S-35W	06-15
	2	8941	4	75689	13-23S-35W	06-15
3	1	7193-D3	1	45064	16-23S-34W	06-15
	1	7193-D3	8	72493	16-23S-34W	06-15

Historical Use Summary (All Farms)				
2017 Annual Auth Qty (AF)	Legal Ave WU (AF)	2016 Reported Acres	Estimated Average AI/Acre	% Use of Authorized
13,880	6,287	5,203	14.50	45%
Total Average Annual WCA Allocation (15% Conservation)				
	Total AF/year Allocation	AF Reduction off Ave Use	% of Authorized	Estimated Acre-Inches
Totals	5,344.058	943	39%	12.33

Recent Ground Water Use (All Farms)				
2013 Use	2014 Use	2015 Use	2016 Use	
7,452	6,643	4,552	4,407	AF
54%	48%	33%	32%	% of Auth

Recent Surface Water Reports (Farmer's Ditch)				
2013 Use	2014 Use	2015 Use	2016 Use	WR #KE-76
No Use	No Use	9,832	8,453	AF

Recent Surface Water Reports (Great Eastern Ditch)				
2013 Use	2014 Use	2015 Use	2016 Use	WR #KE-77
No Use	7,002	16,621	22,114	AF

Recent Surface Water Reports (Amazon Ditch)				
2013 Use	2014 Use	2015 Use	2016 Use	WR #KE-79
No Use	3,944	10,959	14,877	AF

Average Annual WCA Allocation: WCA Farm #1				
	Legal Ave WU (AF)	Total AF/year Allocation	2016 Reported Acres	Estimated Acre-Inches
Totals	1,428.333	1,214	1317.00	11.06

Average Annual WCA Allocation: WCA Farm #2				
	Legal Ave WU (AF)	Total AF/year Allocation	2016 Reported Acres	Estimated Acre-Inches
Totals	2,544.650	2,163	2000.00	12.98

Average Annual WCA Allocation: WCA Farm #3				
	Legal Ave WU (AF)	Total AF/year Allocation	2016 Reported Acres	Estimated Acre-Inches
Totals	2,314.144	1,967	1886.00	12.52

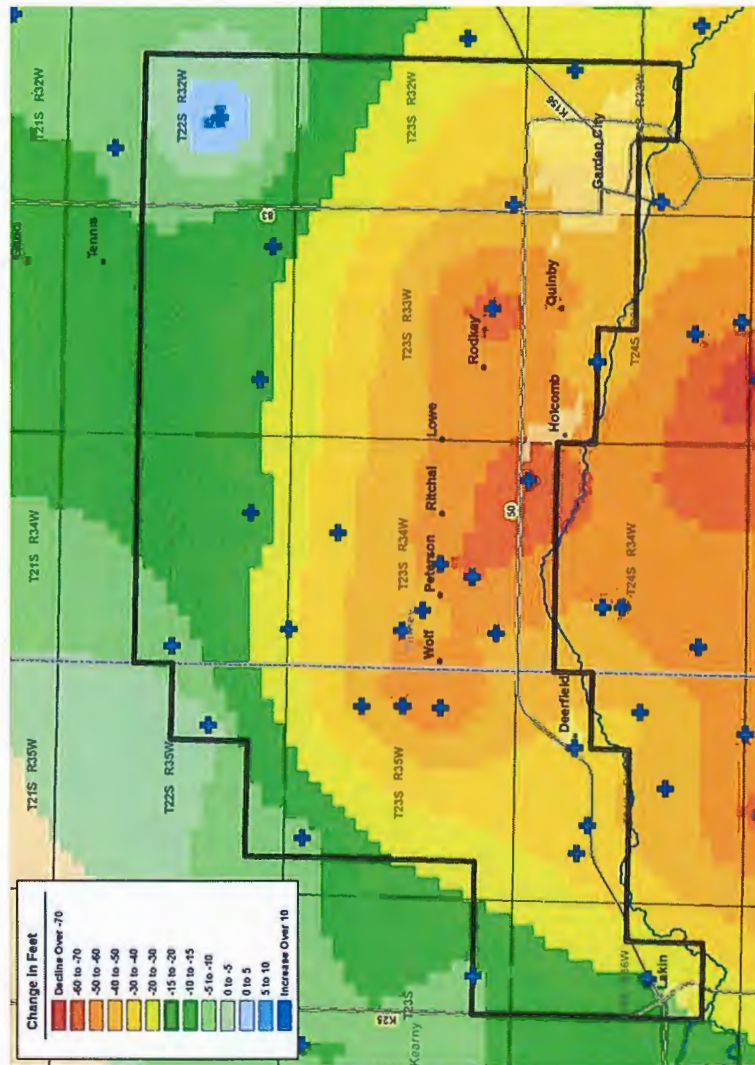
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Changes in Water Levels Map- Proposed Kearny-Finney LEMA



Water Level Changes (2005-2016)

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KGS Observation Well Data #1- 23S 35W 12CCC

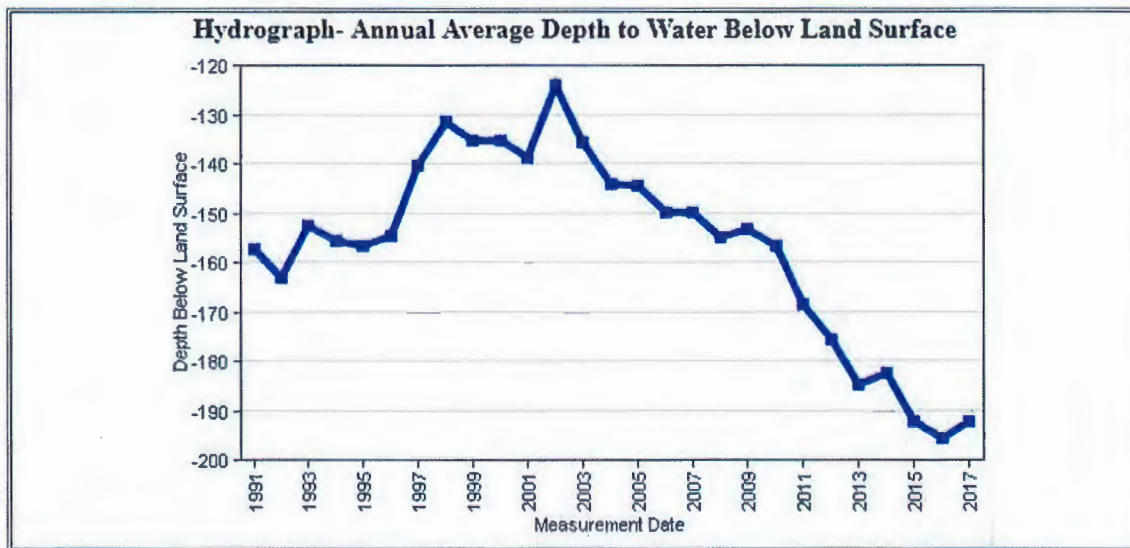
General Well Site Information ?

USGS ID:	380344101071302	KGS Local Well ID:	23S 35W 12CCC 02
County:	Kearny	PLSS Description:	23S 35W 12 SWSWSW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-101.121044	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.061442	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	3010	Depth of Well (ft):	Unknown
Geological Unit Codes:	QU TO	USGS Map Name:	WOLF
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	31319	WIMAS Link:	10420

Water Level Measurements ?

380344101071302

Note that depth to water is feet below land surface and all measurements for the well are included.

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KGS Observation Well Data #2- 23S 35W 24BBB

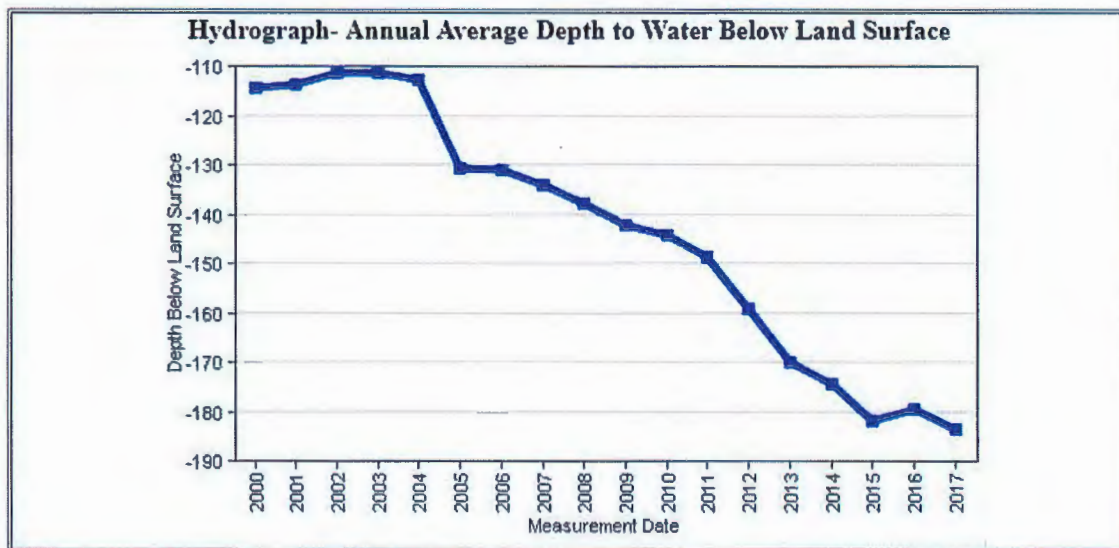
General Well Site Information ?

USGS ID:	380245101071102	KGS Local Well ID:	23S 35W 24BBB 02
County:	Kearny	PLSS Description:	23S 35W 24 NWNWNW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-101.120474	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.046022	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	3005	Depth of Well (ft):	368
Geological Unit Codes:	QU TO	USGS Map Name:	Wolf
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	108701	WIMAS Link:	12476

Water Level Measurements ?

380245101071102

Note that depth to water is feet below land surface and all measurements for the well are included.



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KGS Observation Well Data #3- 23S 34W 17CCC

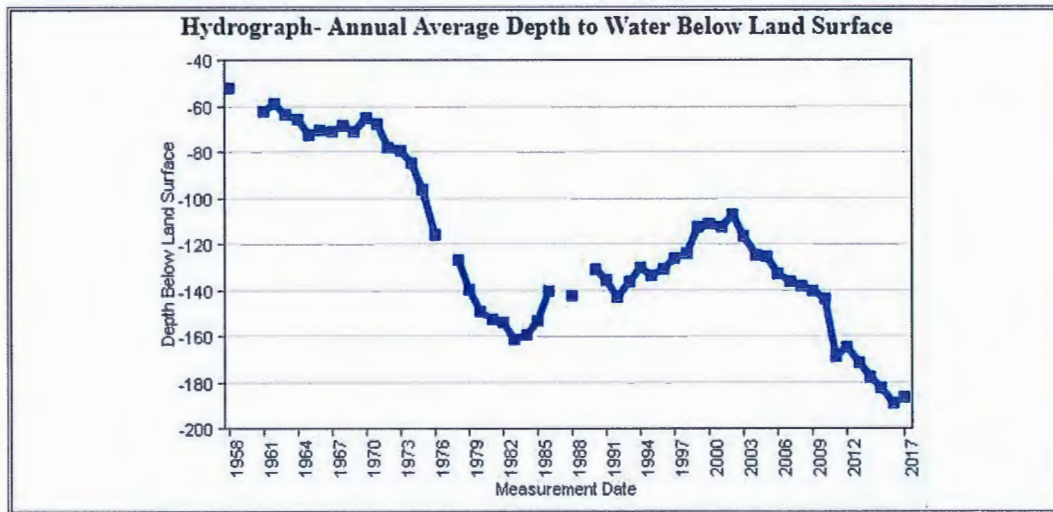
General Well Site Information ?

USGS ID:	380253101045501	KGS Local Well ID:	23S 34W 17CCC 01
County:	Finney	PLSS Description:	23S 34W 17 SWSWSW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-101.084344	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.046943	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2974	Depth of Well (ft):	310
Geological Unit Codes:	QU TO	USGS Map Name:	WOLF
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	None	WIMAS Link:	45659

Water Level Measurements ?

380253101045501

Note that depth to water is feet below land surface and all measurements for the well are included.

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KGS Observation Well Data #4- 23S 34W 10ACB

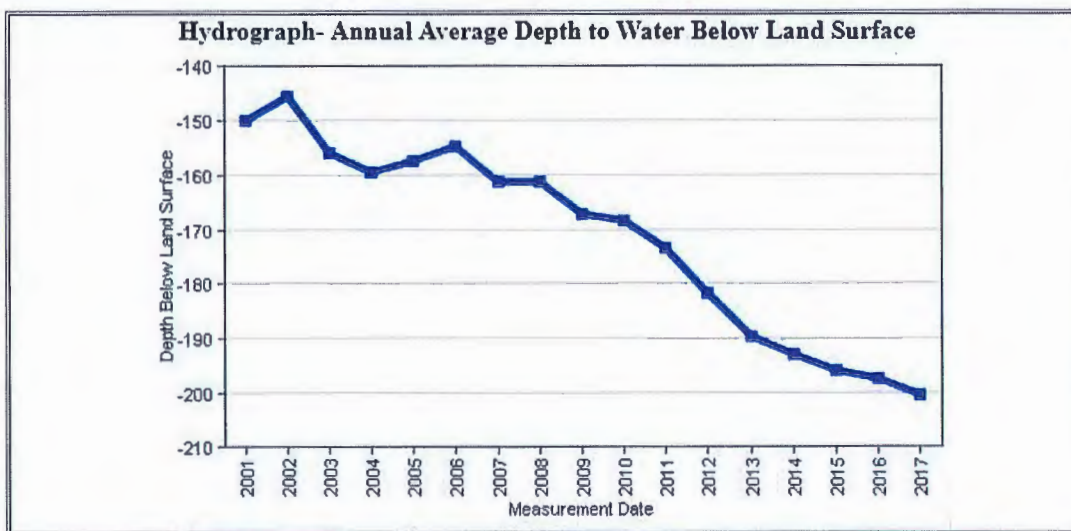
General Well Site Information ?

USGS ID:	380417101021301	KGS Local Well ID:	23S 34W 10ACB 01
County:	Finney	PLSS Description:	23S 34W 10 NWSWNE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-101.038173	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.071993	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2943	Depth of Well (ft):	330
Geological Unit Codes:	QU TO	USGS Map Name:	WOLF
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	17898	WIMAS Link:	53840

Water Level Measurements ?

380417101021301

Note that depth to water is feet below land surface and all measurements for the well are included.

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KGS Observation Well Data #5- 23S 34W 21DDC

General Well Site Information ?

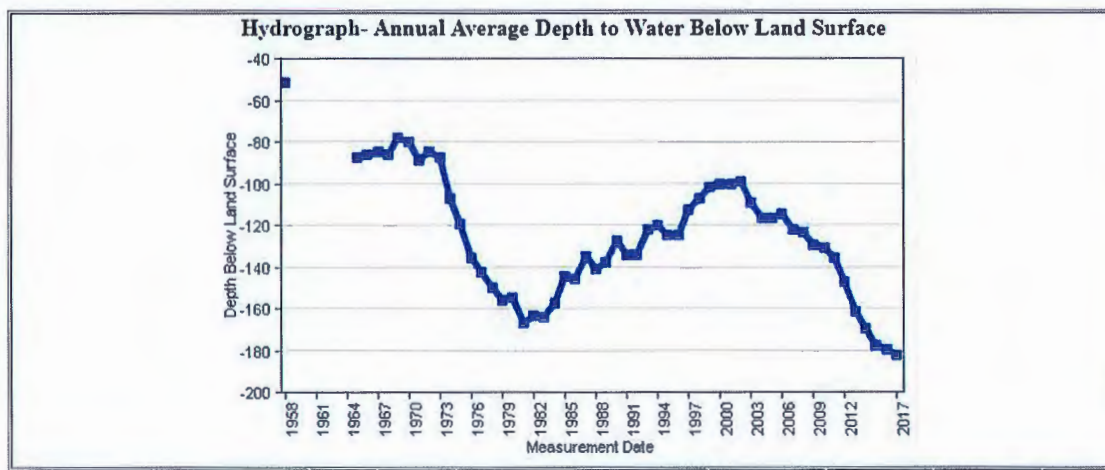
USGS ID:	380201101030101	KGS Local Well ID:	23S 34W 21DDC 01
County:	Finney	PLSS Description:	23S 34W 21 SWSESE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-101.052174	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.032793	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2961	Depth of Well (ft):	300
Geological Unit Codes:	QU TO	USGS Map Name:	WOLF
Use of Site:	Observation	Use of Water:	Unused
WWC5 Links:	None	WIMAS Link:	None

Water Level Measurements ?

380201101030101

Continuous Water Level Measurements

Note that depth to water is feet below land surface and all measurements for the well are included.

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KGS Observation Well Data #6- 23S 33W 28CDC

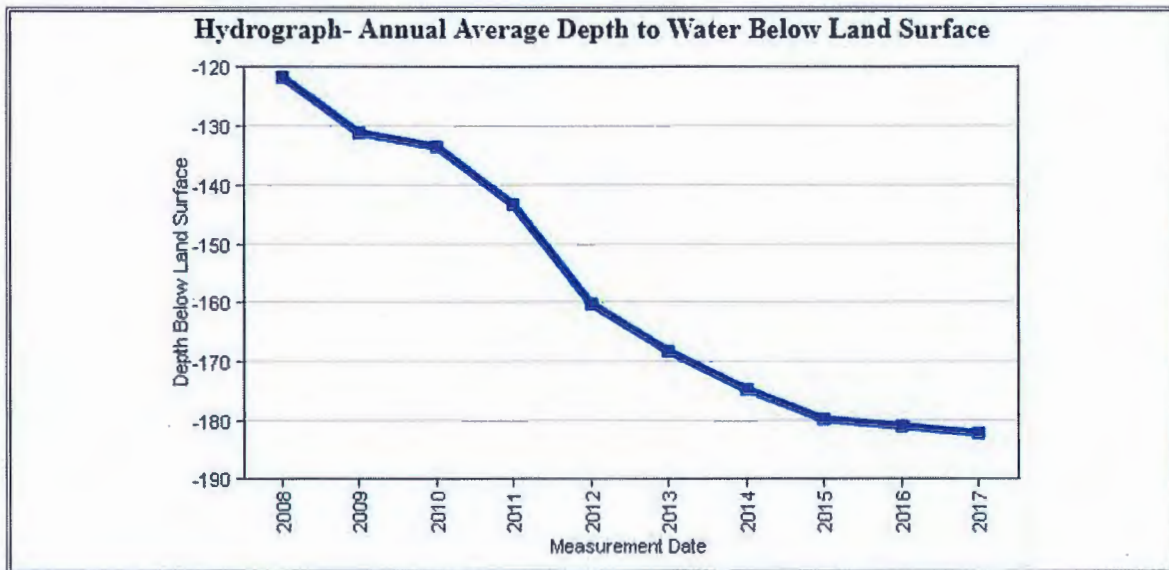
General Well Site Information ?

USGS ID:	380109100570202	KGS Local Well ID:	23S 33W 28CDC 02
County:	Finney	PLSS Description:	23S 33W 28 SWSESW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.951745	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.018591	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2903	Depth of Well (ft):	315
Geological Unit Codes:	TO	USGS Map Name:	LOWE
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	17839	WIMAS Link:	31865

Water Level Measurements ?

380109100570202

Note that depth to water is feet below land surface and all measurements for the well are included.



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KGS Observation Well Data #7- 23S 33W 34ABC

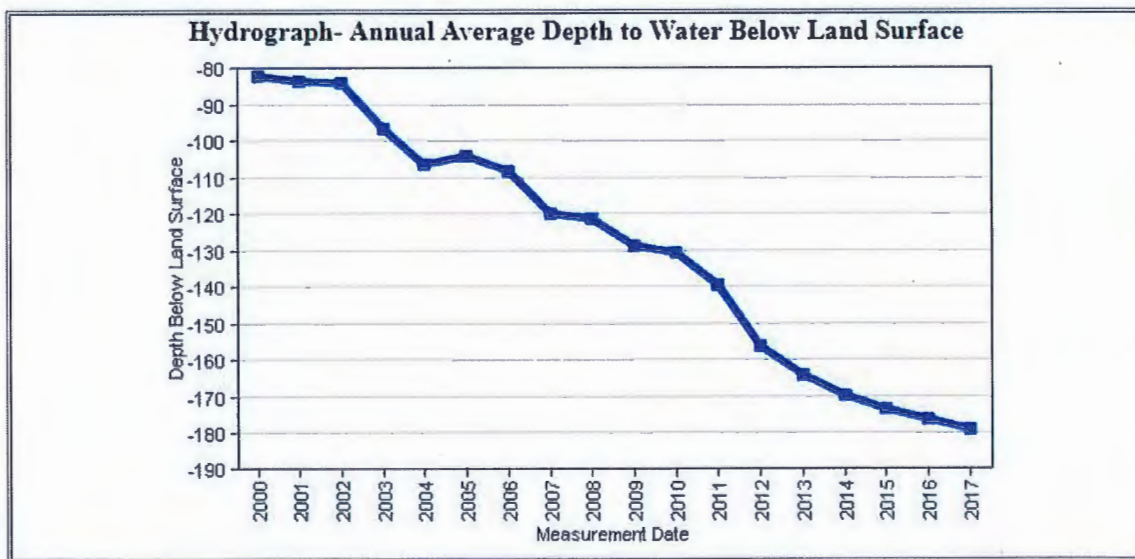
General Well Site Information ?

USGS ID:	380056100554001	KGS Local Well ID:	23S 33W 34ABC 01
County:	Finney	PLSS Description:	23S 33W 34 SWNWNE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.929441	Lat/Long Source:	GPS (within 50 feet)
Latitude:	38.014874	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2895	Depth of Well (ft):	355
Geological Unit Codes:	QU TO	USGS Map Name:	Lowe
Use of Site:	Withdrawal of Water	Use of Water:	Irrigation
WWC5 Links:	99365	WIMAS Link:	12232

Water Level Measurements ?

380056100554001

Note that depth to water is feet below land surface and all measurements for the well are included.

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