

January 2018 through December 2022

Circle Land & Cattle

Water Conservation Area Management Plan

Water Conservation Area Executive Summary

WCA Acres: 9,588.3

Number of IRR Water Rights: 22

Number of IRR Wells: 68

Number of STK Water Rights: 1

Number of STK Wells: 1

Historical Period: 2003-2012

Prior Conservation Measures:

- Began using effluent water on multiple circles starting in 2015 which resulted in using less freshwater for crops.
- Removed all end guns, installed moisture probes, lowered pivot diversion rates with new nozzle packages.

WCA Allocation:

- Sum of all irrigation water rights shall be limited to 71,340 AF during WCA.
- 7% reduction from the (2003-2012) average use of 15,342 AF
 - For reference average use from 2008-2017 = 15,632 AF

Corrective Controls

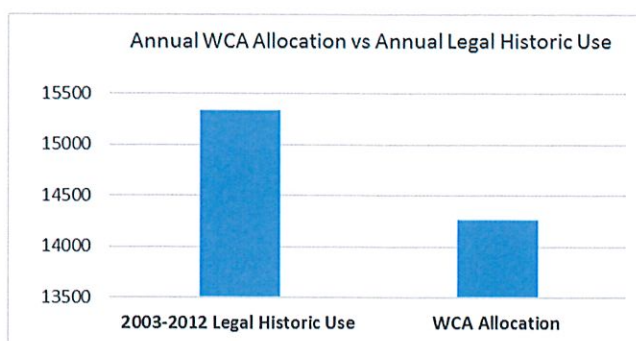
- All points of diversion are limited to their annual authorized quantity.
- All points of diversion are limited to their annual diversion rates.

Flexibility requested

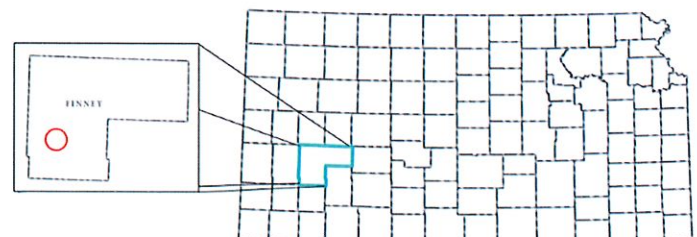
- Any irrigation well may be used for stockwatering purposes as needed provided that a term permit is filed and an additional water flowmeter is installed.

Total Water Conserved During WCA Period (based on historical use): 5,370 AF

WCA Allocation vs. Historical Use Graph



Circle Land and Cattle



*NOTE: Provided by KS Dept of Agriculture – Division of Water Resources
Initial consultations with KDA-DWR began in April 2018*

MANAGEMENT PLAN

For the Designation of a Water Conservation Area (WCA)

Circle Land & Cattle WCA; Finney County, KS

January 2018 through December 2022

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

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. We, the 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 for five (5) years, through an approximate 7% reduction off the annual authorized amount of all irrigation water rights enrolled in this WCA.

Water Rights Enrolled and Geographic Boundaries

This WCA shall include the water rights listed in the attached document. This list includes details of all points of diversion associated with those water rights; as well as legal descriptions of the locations of the points of diversion and/or identification numbers.

The current total appropriations authorized for all irrigation water rights included in this WCA are 18,586 acre-feet (AF) per year, with an average annual use during the period 2003-2012 of 15,342 AF. With a 7% reduction from the historical annual average use, the five (5) year WCA allocation is 71,340 AF. Water Right, File No. 36,637, will be authorized an additional 62.89 million gallons per year (MGY), or 193 AF, and limited to operate no greater than 585 gallons per minute (GPM) for stockwater use during the period of this WCA. This stockwater right will not be part of the 5 year allocation (71,340 AF).

The geographic boundary for this WCA is shown on the attached map(s) and attached table defined by legal locations. This table includes total acres and legal definitions by section, township, and range of the WCA boundary.

RECEIVED

MAY 10 2019

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;
- The rate of withdrawal of groundwater in the area equals or exceeds the rate of recharge within such area

These conditions suggest the advisability of implementing this WCA.

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

- WCA geographic boundaries with KGS observation wells map- **Attachment A**
- WCA geographic boundaries map defined- **Attachment B**
- Detailed table with description of WCA geographic boundaries - **Attachment C**
- List of all water rights and description of legal locations- **Attachment D**
- Summary of water use history of water rights in WCA- **Attachment E**
- KGS Observation well(s) data- **Attachment F, G, H, I, J, K & L**
- Comparative Use with Neighbors 2003-2012- **Attachment M**

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.

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.

RECEIVED

2

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Circle Land & Cattle WCA Management Plan

Circle Land and Cattle have taken the following voluntary conservation measures resulting in reduced groundwater use.

- a. Began using effluent water on one circle (WR#18,976) in 2015 and an additional two circles (WR#29,881-D2 & WR#29,881-D3) in 2017 for a total of 21.051 acre-feet in 2015, 27.471 acre-feet in 2016, and 117.13 acre-feet in 2017.
 - i. Since 2015, the average water use for WR#18,976 has been 195.667 acre-feet, prior to applying effluent, the average water use from 2008-2014 was 232.571 acre-feet.
 - ii. In 2017, the water use for WR#29,881-D2 was 133 acre-feet, prior to applying effluent, the average water use from 2008-2016 was 222.00 acre-feet.
 - iii. In 2017, the water use for WR#29,881-D3 was 179 acre-feet, prior to applying effluent, the average water use from 2008-2016 was 236.00 acre-feet.
- b. Installed sweep valves on all stock tanks at the feed yard in 2017 to reduce water usage and prevent tanks from overflowing in the winter.
- c. All end guns have been removed from pivots.
- d. Implementing Technology Test circles for the 2018 growing season with plans to add more circles in the future. These test circles will have an emphasis on reducing water usage in the sandhills of Western Kansas with some of the latest technology and crops available.
 - i. Invested in additional water saving technology, such as eight soil moisture probes, FieldNET Advisor and Eco Solv Water Enhancement Systems. Circle Land & Cattle have re-nozzled all pivots within the proposed WCA boundary down from an average 5.54 gallons per acre (GPA) to 4.10 (GPA) or less, this is a reduction of 25%.
 - o With the exception of approximately 8 potato circles per year will be at 4.92 GPA during the potato growing season only. In the crop rotation plan, potatoes will be limited to one circle per section.
 - ii. Converted 26 wells from natural gas to electric with 11 of those being Submersible.
 - iii. Initiated a goal to convert all wells to electric (as funds are available) to better utilize current and future water saving technology.
 - iv. In 2018, Circle Land and Cattle tested more drought tolerant options, such as Teff Grass, which can be pastured, forage harvested, or baled with minimal water.
- e. Moved to growing short season crops in 2008 and harvesting with a forage harvester to be delivered directly to the feed yard for consumption rather than continuing to water crops for grain.
- f. In 2008, began growing less water demanding crops such as salad blends and rye in addition to crop rotations to reduce water use.

RECEIVED

MAY 10 2019

3

Circle Land & Cattle WCA Management Plan

Corrective Control Provisions and Plan for Conservation

We acknowledge that the following corrective controls will be in effect within this 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 diversion are limited to their current authorized pumping rates.
 - c) Water Right, File No. 36,637 will be held to its annual authorized quantity of 62.89 million gallons (mgy) per calendar year.
 - d) Any irrigation well may be used for stockwatering purposes as needed or for a possible expansion to the feed yard provided that:
 - i. A term permit will be filed for any irrigation well to be used for stockwatering purposes.
 - ii. If an irrigation well is diverted for stockwater use, an additional water flowmeter will be installed at the well or feed yard depending on the location of the irrigation well being utilized prior to using the well for stockwater purposes.
 - e) The sum of water use under all irrigation water rights combined shall be limited to no more than 71,340 AF every five (5) years.
2. The corrective control provisions of this 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 this 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 additional incentive(s) in consideration for our WCA participation.

3. Up to the annual WCA allocation (14,268 AF) may be carried over and added to a subsequent WCA period after 2022; if unused during the duration of this WCA period. For the carryover quantity to be included, all owners must enter into agreement to participate in a subsequent WCA by December 31st of the last year of this WCA period. Upon review, should a subsequent WCA be entered, the potential carryover will not allow any well to exceed its annual authorized quantity or the agreed upon corrective controls.

RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

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 well(s) within one (1) mile of this WCA boundary that have for many years been measured annually by the Kansas Geological Survey (KGS). See attached maps for locations. The well(s) 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 this 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 flow meter that is inoperable or inaccurate shall within 48 hours contact the KDA-DWR concerning the matter. Whenever an inoperable or inaccurate meter 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 this 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 be included in a subsequent WCA for another designated period. The terms of the WCA may be continued as long as this 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 a subsequent WCA.

RECEIVED

5

Circle Land & Cattle WCA Management Plan

MAY 10 2019

Garden City Field Office

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 the water right owners and their associated water right(s) 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, geographic 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 this 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.

State Law

We acknowledge that this 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 geographic boundaries of this WCA.

Assurances

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

RECEIVED

MAY 10 2019

Review of Other Applicable Requirements

We acknowledge that upon review, this 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 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 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 this WCA, shall be binding upon all parties as the necessary formal implementation of this management plan.

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.

[Signature] Date: 5-9-19
CIRCLE LAND & CATTLE CORPORATION- Owner (Signature)

Water Right No(s). 12821; 18729; 18730; 18731; 18732; 18733; 18903; 18976; 18977; 18978; 18979; 18980; 18981; 18982; 36637

901 ARKANSAS AVE HOLCOMB KS 67851

Full Mailing Address

7.rstillwell@gmail.com 620-272-6483
Email Address Phone Number

ACKNOWLEDGMENT OF NOTARY

State of Kansas)

) SS

County of Finney)

Acknowledged before me on May 9th, 2018

by Kerri Ralston

Signature: *Kerri Ralston*
Notary Public

My commission expires: 5/18/21
(Notary Seal)



NOTARY PUBLIC
STATE OF KANSAS

Kerri Ralston

My Commission Expires 5/18/21

RECEIVED

7

MAY 10 2019

Circle Land & Cattle WCA Management Plan

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.

 Date: 5-9-19

ROCKING T RANCH LLC - Owner (Signature)

Water Right No(s). 9209-D1; 12161; 14856; 14913; 17014; 29881-D2; 29881-D3; 30156

2670 D RD RISING CITY NE 68658-3857

Full Mailing Address


Full Mailing Address

todd@tulsadesires.com 402-526-2385
Email Address Phone Number

ACKNOWLEDGMENT OF NOTARY

State of Kansas)
County of Finney) SS
Acknowledged before me on May 9th, 2018
by Kerri Ralston
Signature: Kerri Ralston
Notary Public

My commission expires: 5/18/21
(Notary Seal)

 NOTARY PUBLIC
STATE OF KANSAS
Kerri Ralston
My Commission Expires 5/18/21

RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

CERTIFICATE OF SERVICE

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

CIRCLE LAND & CATTLE CORPORATION
901 ARKANSAS AVE
HOLCOMB KS 67851

ROCKING T RANCH LLC
2670 D RD
RISING CITY NE 68658-3857

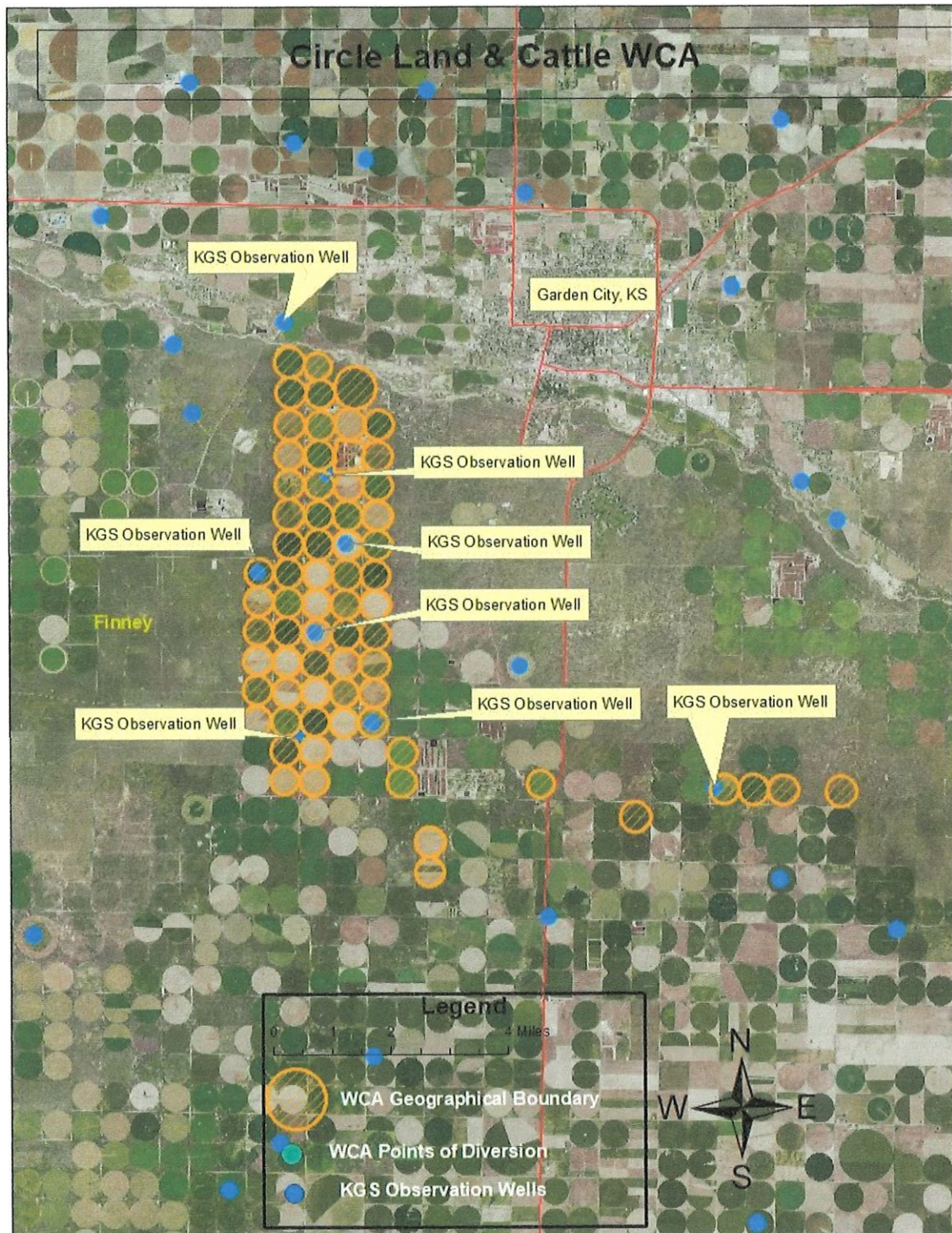
Kansas Department of Agriculture
Staff Person

RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment A – WCA Geographical Boundaries with KGS observation wells



RECEIVED

10

Circle Land & Cattle WCA Management Plan

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES



Attachment C – Detailed table with description of WCA geographic boundaries

[illegible]

RECEIVED

MAY 10 2019

Attachment D – List of all water rights and description of legal locations

WR #	ID#	PDIV#	Location (Sect, Twn, Range)	Historical Period (20XX-20XX)
12821	1	25229	ne 21-25-33w	03-12
12821	5	60412	se 21-25-33w	03-12
12821	6	83485	nw 21-25-33w	03-12
12821	7	83486	sw 21-25-33w	03-12
18729	2	25955	ne 27-24-33w	03-12
18729	4	42339	sw 27-24-33w	03-12
18729	5	13063	se 27-24-33w	03-12
18730	1	15192	ne 34-24-33w	03-12
18730	2	37407	nw 34-24-33w	03-12
18730	3	47824	sw 34-24-33w	03-12
18730	4	54007	se 34-24-33w	03-12
18731	1	36504	NE 3-25-33w	03-12
18731	2	16517	nw 3-25-33w	03-12
18731	3	43460	sw 3-25-33w	03-12
18731	4	3414	se 3-25-33w	03-12
18732	1	27670	ne 10-25-33w	03-12
18732	2	35089	nw 10-25-33w	03-12
18732	3	34526	sw 10-25-33w	03-12
18732	4	22034	se 10-25-33w	03-12
18733	1	21381	ne 15-25-33w	03-12
18733	2	8805	nw 15-25-33w	03-12
18733	3	42123	15-25-33w	03-12

18733	4	10383	se 15-25-33w	03-12
18903	1	36526	NW 22-24-33W	03-12
18903	2	51495	SW 22-24-33W	03-12
18903	3	54365	SE 22-24-33W	03-12
18976	1	49325	NE 28-24-33W	03-12
18976	3	22677	SW 28-24-33W	03-12
18976	4	48430	SE 28-24-33W	03-12
18976	6	85655	NW 28-24-33W	03-12
18977	2	26066	ne 33-24-33w	03-12
18977	3	44361	33-24-33w	03-12
18977	4	54632	sw 33-24-33w	03-12
18977	5	1752	se 33-24-33w	03-12
18978	2	22656	sw 16-24-33w	03-12
18978	3	53056	se 16-24-33w	03-12
18979	1	54294	ne 4-25-33w	03-12
18979	2	30115	nw 4-25-33w	03-12
18979	3	53167	sw 4-25-33w	03-12
18979	4	12923	se 4-25-33w	03-12
18979	1	12723	ne 5-25-33w	03-12
18979	2	35649	se 5-25-33w	03-12
18980	1	48410	ne 8-25-33w	03-12
18980	2	8230	se 8-25-33w	03-12
18980	1	25759	ne 9-25-33w	03-12
18980	2	36592	nw 9-25-33w	03-12
18980	3	39386	sw 9-25-33w	03-12
18980	4	30207	se 9-25-33w	03-12
18981	1	39177	ne 16-25-33w	03-12
18981	#2	22613	nw 16-25-33w	03-12
18981	3	53008	sw 16-25-33w	03-12

RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment D – List of all water rights and description of legal locations (cont.)

18981	4	20199	se 16-25-33w	03-12
18981	1	49162	ne 17-25-33w	03-12
18981	2	28386	se 17-25-33w	03-12
18982	1	25274	ne 21-24-33w	03-12
18982	2	40134	nw 21-24-33w	03-12
18982	3	51136	se 21-24-33w	03-12
18982	4	53953	sw21-24-33w	03-12
29881-D2	1	39636	nw 23-25-33w	03-12
29881-D3	3	53474	sw 23-25-33w	03-12
9209-D1	1	33531	22-25S-32W	03-12
12161	1	25292	23-25S-32W	03-12
12161	2	32115	23-25S-32W	03-12
14856	1	5078	se 24-25-32w	03-12
14913	6	68168	26-25S-33W	03-12
14913	6	78514	35-25S-33W	03-12
17014	9	67024	nw 28-25-32w	03-12
30156	3	32930	19-25S-32W	03-12

RECEIVED

MAY 10 2019

Attachment E – Summary of water use history for irrigation water rights in WCA

<u>Historical Use Summary</u>				
2017 Annual Auth Qty (AF)	Legal Ave WU (AF)	Ave Irr Acres	Actual AF/Acre	% Use of Authorized
18,586	15,342	9,467	1.62	83%

<u>Recent Water Use Summary</u>				
2013 Use	2014 Use	2015 Use	2016 Use	
15,779	15,382	14,276	14,800	AF
85%	83%	77%	80%	% of Auth

<u>Annual WCA Allocation (7% Conservation)</u>				
	Total AF/year	AF Reduction off Ave	% of Authorized	Estimated Acre- Inches
Totals	14,268	1,074	77%	18.09

RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment F – KGS Observation Well 25S 33W 16DCC

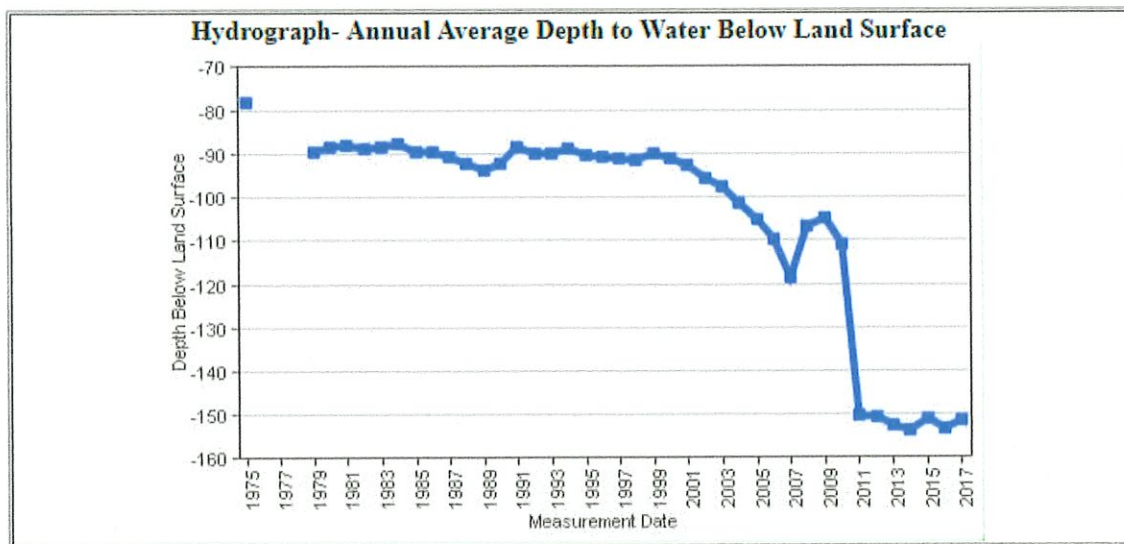
General Well Site Information ?

USGS ID:	375226100564601	KGS Local Well ID:	25S 33W 16DCC 01
County:	Finney	PLSS Description:	25S 33W 16 SWSWSE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.947143	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.873324	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2920	Depth of Well (ft):	300
Geological Unit Codes:	QU TO	USGS Map Name:	Garden City SW

Water Level Measurements ?

375226100564601

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



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment G – KGS Observation Well 25S 33W 15DAC

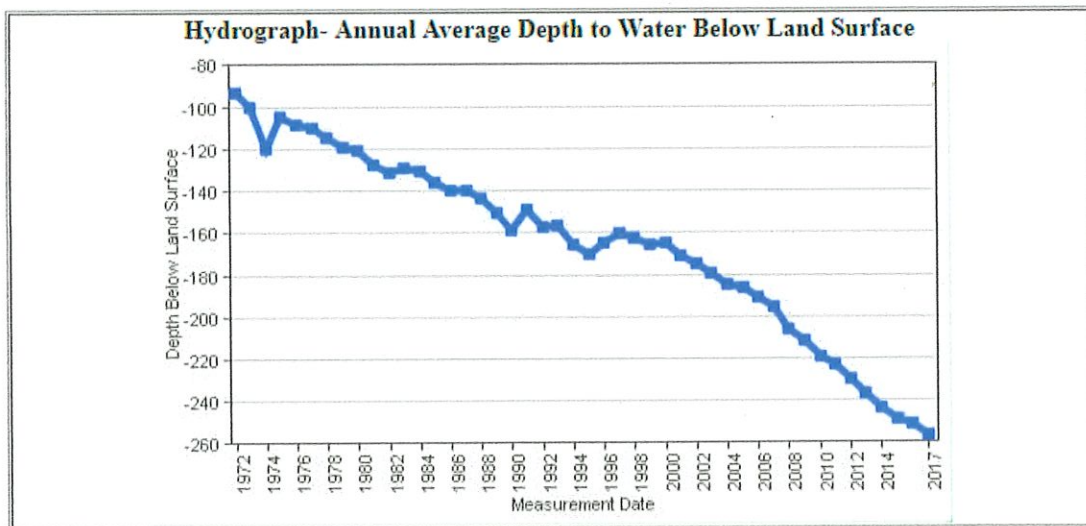
General Well Site Information ?

USGS ID:	375239100552401	KGS Local Well ID:	25S 33W 15DAC 01
County:	Finney	PLSS Description:	25S 33W 15 SWNESE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.924743	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.876904	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2915	Depth of Well (ft):	470
Geological Unit Codes:	QU TO	USGS Map Name:	GARDEN CITY W

Water Level Measurements ?

375239100552401

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



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment H – KGS Observation Well 25S 33W 09ABD 01

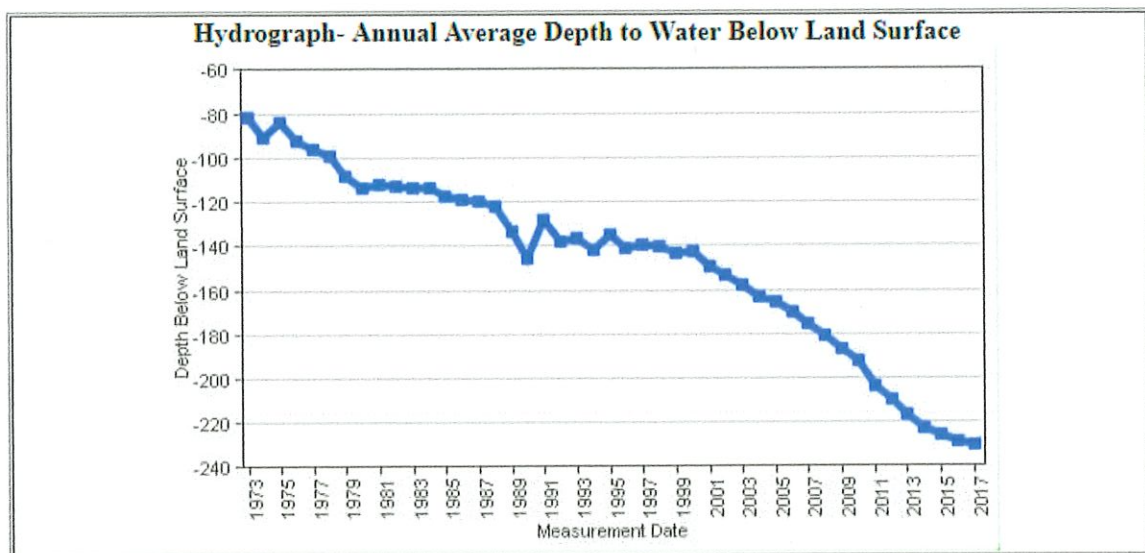
General Well Site Information ?

USGS ID:	375357100563701	KGS Local Well ID:	25S 33W 09ABD 01
County:	Finney	PLSS Description:	25S 33W 9 SENWNE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.942943	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.898624	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2909	Depth of Well (ft):	400
Geological Unit Codes:	QU TO	USGS Map Name:	GARDEN CITY W

Water Level Measurements ?

375357100563701

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



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment I – KGS Observation Well: 25S 33W 05ABD 01

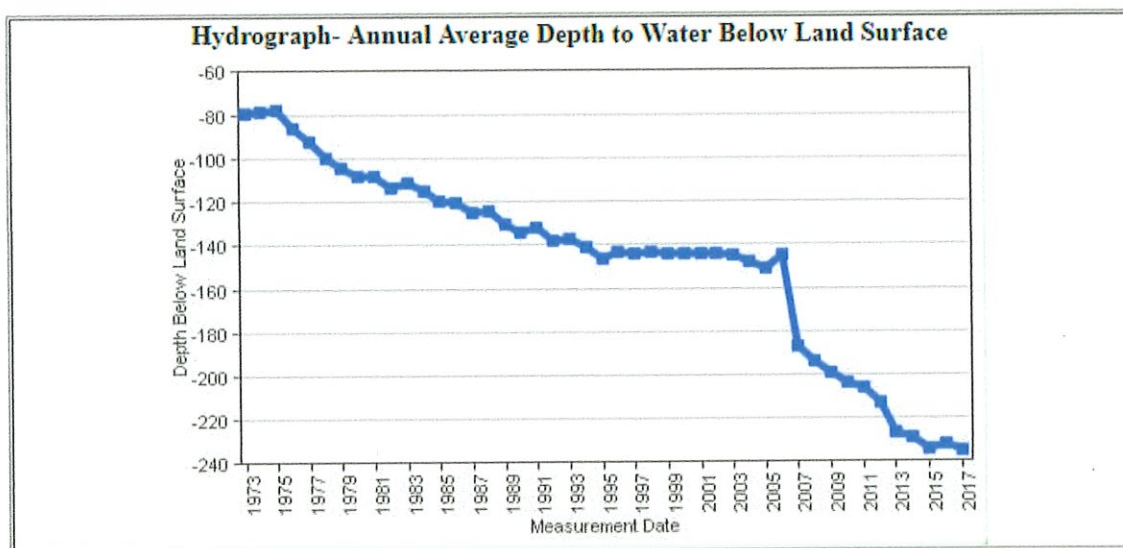
General Well Site Information ?

USGS ID:	375449100574301	KGS Local Well ID:	25S 33W 05ABD 01
County:	Finney	PLSS Description:	25S 33W 5 SENWNE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.961144	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.913344	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2920	Depth of Well (ft):	420
Geological Unit Codes:	QU TO	USGS Map Name:	GARDEN CITY W

Water Level Measurements ?

375449100574301

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



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment J – KGS Observation Well: 24S 33W 34CAC 01

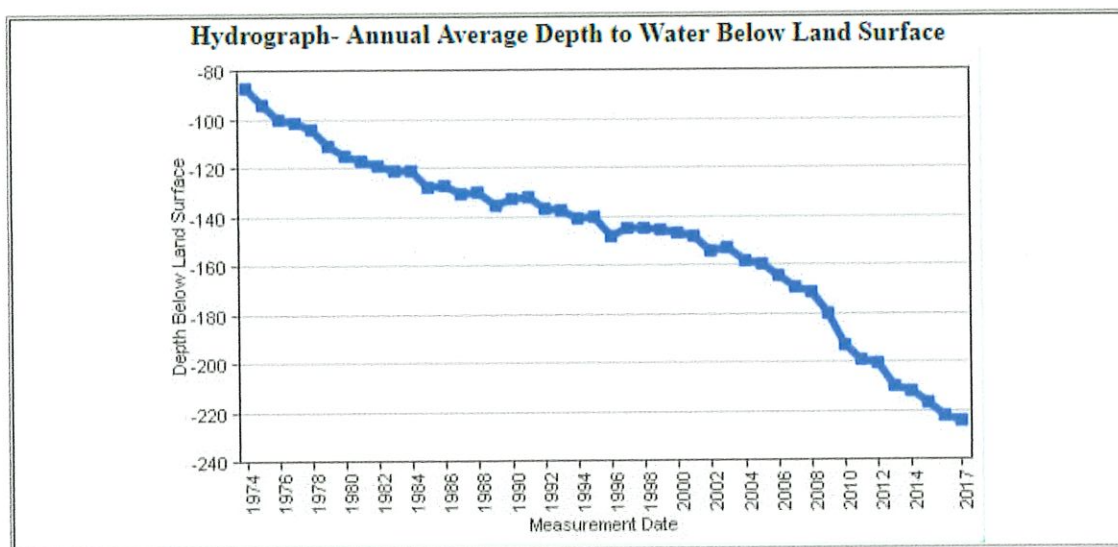
General Well Site Information ?

USGS ID:	375516100555601	KGS Local Well ID:	24S 33W 34CAC 01
County:	Finney	PLSS Description:	24S 33W 34 SWNESW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.933742	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.920424	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2910	Depth of Well (ft):	635
Geological Unit Codes:	QU TO	USGS Map Name:	Garden City West

Water Level Measurements ?

375516100555601

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



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment K – KGS Observation Well: 24S 33W 28DAA 01

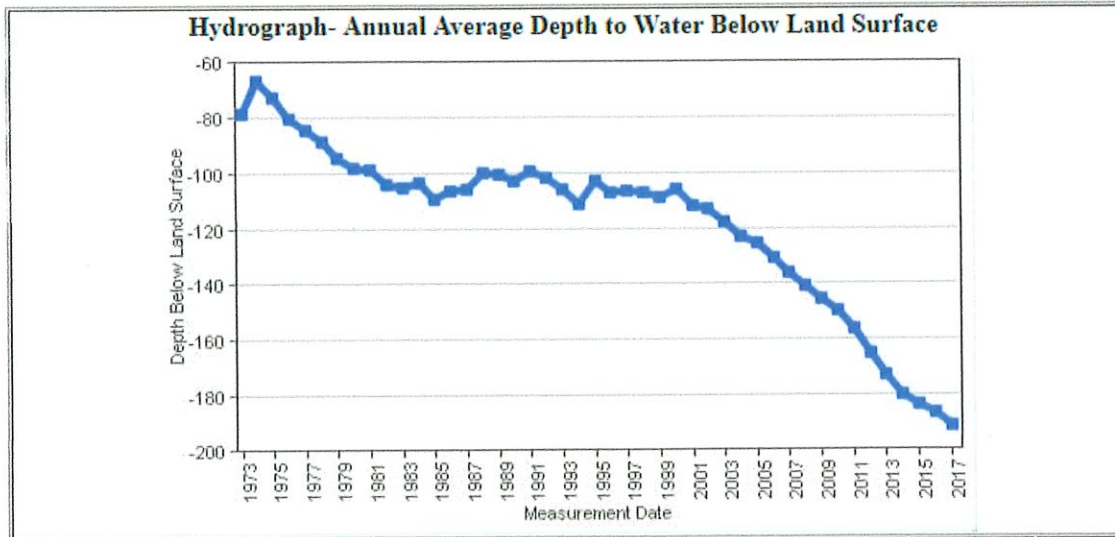
General Well Site Information ?

USGS ID:	375614100562101	KGS Local Well ID:	24S 33W 28DAA 01
County:	Finney	PLSS Description:	24S 33W 28 NENESE
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.939743	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.937694	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2886	Depth of Well (ft):	350
Geological Unit Codes:	QU TO	USGS Map Name:	GARDEN CITY W

Water Level Measurements ?

375614100562101

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



RECEIVED

MAY 10 2019

21

Garden City Field Office
DIVISION OF WATER RESOURCES

Circle Land & Cattle WCA Management Plan

Attachment L – KGS Observation Well: 24S 33W 09CCD 01

General Well Site Information ?

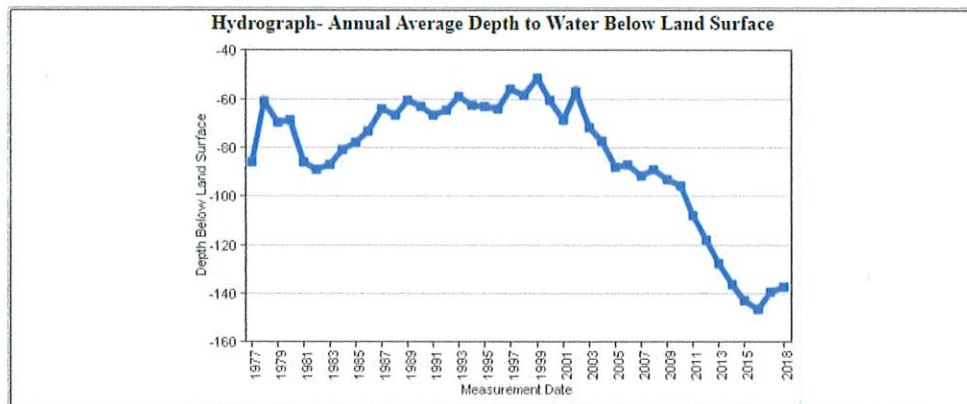
USGS ID:	375832100571001	KGS Local Well ID:	24S 33W 09CCD 01
County:	Finney	PLSS Description:	24S 33W 9 SESWSW
HUC 8 Code:	11030001	GMD:	Southwest Kansas GMD #3
Longitude:	-100.954163	Lat/Long Source:	GPS (within 50 feet)
Latitude:	37.974574	Lat/Long Accuracy:	5 seconds
Surface Elevation (ft):	2865	Depth of Well (ft):	210
Geological Unit Codes:	QU TO	USGS Map Name:	Garden City West

Water Level Measurements ?

375832100571001

Please Note- The 2018 KGS and DWR cooperative water level measurements have been loaded into WIZARD but are considered provisional at this time.

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

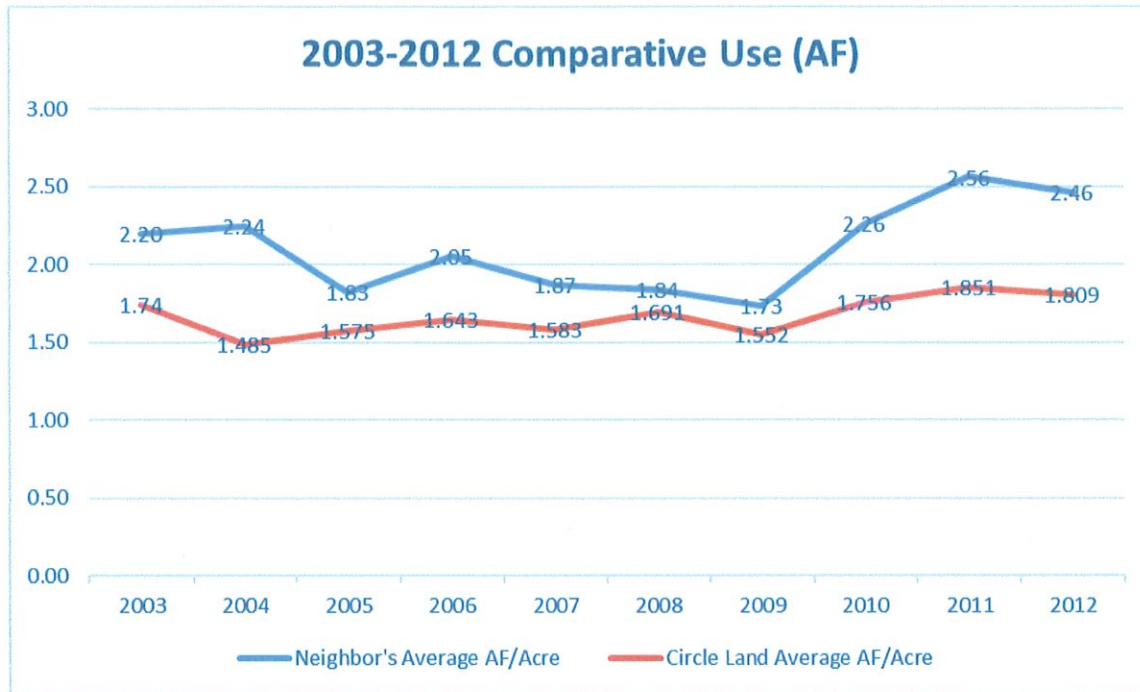


RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES

Attachment M – Comparative Use with Neighbors 2003-2012



RECEIVED

MAY 10 2019

Garden City Field Office
DIVISION OF WATER RESOURCES