

Kansas Department of Agriculture
 Division of Water Resources
CHANGE: PU & PD WORKSHEET

Document Signature LPL

1. File Number: 31210-D1	2. Status Change Date: 8/16/2017	3. Change Num: C2	4. Field Office: 03	5. GMD:
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: 5/8/17
8a. Applicant(s) New to system <input type="checkbox"/> CITY OF HILL CITY DENNIS MERSCH MAYOR 205 N POMEROY AVE HILL CITY KS 67642-1815		8c. Landowner(s) New to system <input type="checkbox"/> CITY OF HILL CITY CITY SUPT 205 N POMEROY AVE HILL CITY KS 67642-1815		
8b. Landowner(s) New to system <input type="checkbox"/> CITY OF HILL CITY CITY SUPT 205 N POMEROY AVE HILL CITY KS 67642-1815		8d. WUC New to system <input type="checkbox"/> 8b		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <u>12/31/17</u> <input type="checkbox"/> N & P Date to Comply: _____				
<input checked="" type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input type="checkbox"/> N & P Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter				
<input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 8/7/2017 By: LI Date Entered: 8/17/2017 By: LLM				

SCANNED

File No. 31210-D1 11. County: GH Basin: S F SOLOMON RIVER Stream: NA Formation Code: ¹⁰⁰~~25~~ Special Use: NA

12. Points of Diversion										Rate and Quantity				
MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment	Authorized		Additional		Overlap PD Files
										Rate gpm	Quantity mgy	Rate gpm	Quantity mgy	
DEL	77619	SW NW SW	8	7	23W	11					NO CHANGE		23433-D1	
ENT	86300	NW SW NW	8	7	23W				3625 2625 5084		NO CHANGE		NONE	

13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

14. Limitation: _____ af/yr at _____ gpm (____ cfs) when combined with file number(s) **NONE NO CHANGE**
 Limitation: _____ af/yr at _____ gpm (____ cfs) when combined with file number(s) _____

15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____

16. Place of Use T MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files				
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼								
CK	6555	13	8	23W	1	CITY OF HILL CITY & IMMEDIATE VICINITY																					8b	NO	GH 002 3825 23433 D1 35108 40201 40200 40202
ENT	68509	13	8	23W		PIPELINE HILL CITY TO CITY OF BOGUE & 1/2 MILE EACH SIDE - IMMEDIATE VACINITY																					8b	NO	GH 002 3825 23433 D1 35108 40200 40202
ENT	68510	13	8	23W		CITY OF BOGUE & IMMEDIATE VACINITY																					8b	NO	GH 002 3825 23433 D1 35108 40201 40200 40202

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: August 7, 2017

FROM: Leslie Ireland

RE: Vested Right, File No. GH 001
Water Right, File Nos. 3825; 23,433-D1
31,210-D1; 35,108; 40,200; 40,201 & 40,202

Dennis Mersch, for the City of Hill City as owner of the referenced municipal rights filed applications on May 8, 2017, for approval to change the place of use to add the City of Bogue and a pipeline between the two cities. The application for File No. 31,210-D1 also proposes to change the point of diversion. The project is designed and constructed by EBH & Associates, P.A. from their Great Bend, Kansas office.

The referenced rights appear not be abandoned as per K.S.A. 82a-718, and in compliance with K.S.A. 82a-732. Several of the points of diversion have meter issues, but the City has indicated they are working to correct the problems. The owner has indicated there are no nearby wells with the immediate vicinity needed notification per SB No. 337.

The applications for change are to add the City of Bogue and a one-half mile each side of an eight-mile transmission pipeline from Hill City to Bogue City. The project which includes a new water tower in Bogue will update their pre-1930s water infrastructure. It appears the referenced files are authorized a combined limited quantity of 156 million gallons per year for municipal use under File Nos. GH-002; 3825; 35,108; 40,200; & 40,201. An additional 44.3 million gallons is provided by the municipal portion of File No. 23,433-D1 and 42.03 million gallons per year is provided by File No. 31,210-D1 for a combined total of **242.3 million gallons per year (743.69 AF)** under the referenced files. The City of Bogue is served by its own rights, File Nos. GH 001, 17,373 & 31,517 which appear to remain authorized their 30.1 million gallons a year (93.37 AF) from wells on the Solomon River. These wells will be maintained as a backup for the City of Bogue remaining independent of the City of Hill City's water system.

The referenced files currently have a complete overlap in the place of use which has historically been described as:

within the City of Hill City Kansas and immediate vicinity.

The applications for change propose to list the pipeline and one-half mile of each side and the added city resulting in a place of use description of:

the City of Hill City and immediate vicinity; the City of Bogue and immediate vicinity, and within the immediate vicinity of the pipeline serving the City of Bogue, all in Graham County, Kansas.

This is with the exception of File No. 23,433-D1, that also authorizes irrigation use. It will include the 132 acres under a pivot irrigation system in the Northeast Quarter of Section 8, Township 7, Range 23 West, Graham County, Kansas.

The referenced files diverted about 126.041 million gallons in 2015, but have historically had a large amount of unaccounted water, approximately 22 percent in 2010 and 22.5 percent in 2015. As the historically reported quantity is about 52 percent of their authorized quantity the change should not result in the municipality exceeding its authorized quantity. Additionally, as the City of Bogue will continue to maintain its own water rights, its quantity would be available. The water line work also appears to include work on the distribution lines within each of the Cities, so their unaccounted water should decline. As the City of Hill City has water available and should reduce its unaccounted water the changes should not significantly increase the historical consumptive use and comply with K.A.R. 5-5-3, *Change in consumptive use*.

SCANNED

The historical quantity pumped and the projected use would indicate that a new conservation plan is not needed at this time, but should be considered in the future for each City.

As the use is municipal use the incomplete overlap between the two cities and pipeline is allowed by K.A.R. 5-3-5n, *Authorized place of use*. The existing limitations on the quantity will not be modified by the approvals.

It appears that the proposed changes that will serve the place of use currently authorized by the City of Bogue, File Nos. GH 001, 17,373 & 31,517, will not violate K.S.A. 82a-735 as the changes are in accordance with the Kansas Water Appropriation Act as required by the statute.

It appears that the location of the well under File Nos. 23,433-D1 & 31,210-D1, was measured by GPS in 2011. The well location was determined to be in the Southwest Quarter of the Northwest Quarter of the Southwest Quarter (SW¼ NW¼ SW¼) of Section 8, approximately 1,735 feet North and 4,921 feet West of the Southeast corner of the section, approximately 15 feet from the authorized well location of 1,750 feet North and 4,899 feet West of the Southeast corner of the section. The update complies with K.A.R. 5-5-6, *Failure to construct diversion works at authorized location*, File No. 23,433-D1 will be updated. The application under File No. 31,210-D1 proposed a change in point of diversion to move the well approximately 1,884 feet to the North. The new well will be constructed in the NW SW NW of Section 8, approximately 3,625 feet North and 5,084 feet West of the Southeast corner. Information about the area would indicate the local source of supply will remain the same. The unstacking of these two rights is not an additional well as the rights were perfected separately and only recently (2011) authorized for the same well. A well log was not submitted with the application, but the log submitted to KDHE, Bureau of Water was available on-line. It indicates the four-inch cased well was completed to a depth of 170 feet with it screened at 130-170 feet. At the time of drilling, March 2017, the static water level was 102 feet. Information provided by the applicant indicates the only well located within one-half (½) mile of the proposed well is the City's well under File No. 23,433-D1. The proposed new well complies with K.A.R 5-4-4, *Well spacing*, as it is more than 1,320 feet from the well that will remain under File No. 23,433-D1. A water level measurement tube, meter and a notice of completion for December 3, 1 2017 will be included as conditions of the approval for File No. 31,210-D1.

Kelly Stewart, Water Commissioner of the Stockton Field Office has recommended approval of the proposed changes as indicated in his email dated August 7, 2017.

Water flowmeters meeting the specifications of the Chief Engineer will continued to be required under each of the referenced files. Check valves will also be required if any chemical or foreign substance is injected into the water through the diversion works.

Based on the above discussion, that the changes are reasonable, will not result in an increase in use beyond what has historically been justified, that impairment to existing water rights is unlikely, and that no change in the local source of supply will occur, it is recommended that the referenced applications be approved.



Leslie Ireland
Environmental Scientist
Water Appropriation of Water Program

Water Rights and Points of Diversion Within 1.50 miles of point defined as:

3625 ft N and 5084 ft W of the SE Corner of Section 8, T 7S, R 23W

CUG PD -

Located at: 99.918777 West Longitude and 39.461368 North Latitude

GROUNDWATER ONLY

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Tw	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 22152 00	IRR	NK	G	4841	--	--	NC	SE	1300	1300	5	7	23W	1		199.00	199.00	AF
A__ 23433 D1	IRR	NK	G*	3993	--	--	NC	NE	4005	1109	8	7	23W	1		208.00	208.00	AF
A__ 23433 D1	MUN	NK	G*	1884	--	--	SW	NW	1750	4899	8	7	23W	11		135.95	135.95	AF
A__ 23433 D2	IRR	NK	G	5139	--	--	NC	NW	3889	3988	17	7	23W	1		195.00	195.00	AF
A__ 23479 00	IRR	NK	G	7463	--	--	NC	N2	1970	1220	1	7	24W	1		200.00	200.00	AF
A__ 25667 00	IRR	NK	G	6338	--	--	--	--	4050	2640	6	7	23W	1		193.00	193.00	AF
A__ 31210 D1	MUN	NK	G*	1884	--	--	SW	NW	1750	4899	8	7	23W	11		128.99	128.99	AF
A__ 31210 D2	IRR	NK	G	4942	NC	W2	W2	NW	3970	4950	17	7	23W	2		45.00	45.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	1304.94	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1304.94	.00

An * after the source of supply indicates a pending application for change for the file number.
 An * after the ID indicates a 15 AF exemption was granted for the file number.
 A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.
 The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1.50 miles of point defined as:

99.918777 West Longitude and 39.461368 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 22152 00	IRR	NK	G
> JAMES L & JOYCE A OCHS TRUST			
> 534 EMMER RD SW			
> PO BOX 104			
> GRIDLEY KS 66852			

A__ 23433 D1	IRR	NK	G
> CITY OF HILL CITY			
> CITY SUPT			
> 205 N POMEROY AVE			
> HILL CITY KS 67642			

A__ 23433 D1	MUN	NK	G
> CITY OF HILL CITY			
> CITY SUPT			
> 205 N POMEROY AVE			
> HILL CITY KS 67642			

NEW WELL 1884' - TO NORTH-
 ADDITIONAL WELL
 TO [unclear]

A__ 23433 D2 IRR NK G

> BRENT ROGERS

>

> PO BOX 654

> HOXIE KS 67740

>-----

A__ 23479 00 IRR NK G

> KEITH GOETZ

>

> 9372 S ROAD 50 E

> PARK KS 67751

>-----

A__ 25667 00 IRR NK G

> DALE COFFIN

>

> 2700 N 5TH ST

> PONCA CITY OK 74601

>-----

A__ 31210 D1 MUN NK G

> CITY OF HILL CITY

> CITY SUPT

> 205 N POMEROY AVE

> HILL CITY KS 67642

>-----

A__ 31210 D2 IRR NK G

> BRENT ROGERS

>

> PO BOX 654

> HOXIE KS 67740

>-----

=====

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

August 18, 2017

CITY OF HILL CITY
HONORABLE MAYOR MERSCH
205 N POMEROY AVE
HILL CITY KS 67642-1815

FILE COPY

RE: Vested Right, File No. GH 002
Water Right, File Nos. 3825; 23,433-D1; 31,210-D1;
35,108; 40,200; 40,201 & 40,202

Dear Mayor Mersch:

Enclosed are the orders executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the above referenced files.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in the approvals for change. A condition of these approvals is that an acceptable water flow meter must be installed on the authorized diversion works. Please return the required and enclosed form *Notification of Completion of the Diversion Works and/or Installation of the Required Meters* as soon as these actions are completed. The approval for Water Right, File No. 31,210-D1, requires the notification of the completion of the newly approved well. Please use the same form referenced above to notify the Chief Engineer when this well is complete and the meter is installed. There is no fee for any of the required information.

Any wells abandoned by these approvals must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

Since these orders modify the original documents referred to above, they should be recorded with the Register of Deeds as other instruments affecting real estate.

If you have any questions, please contact Leslie Ireland, Environmental Scientist, at (785) 566-6633. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

A handwritten signature in black ink, appearing to read "Brent A. Turney".

Brent A. Turney, P.G.
Change Applications Unit Supervisor

BAT:LI:li
Enclosures
pc: Stockton Field Office

SCANNED

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
FOR
CHANGE IN PLACE OF USE
AND
POINT OF DIVERSION
WATER RIGHT, FILE NO. 31,210-D1**

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Dennis Mersch, Mayor of the City of Hill City, 205 N. Pomeroy Avenue, Hill City, Kansas 67642-1815, received in this office on May 8, 2017, for approval of a change in the location of the place of use under the certificate of appropriation issued pursuant to the permit to appropriate water for beneficial use, Findings and Order of the Chief Engineer dated July 23, 2008, determining the interest of Water Right, File No. 31,210-D1, and August 2, 2010, approving the application to change the place of use, point of diversion and use made of water, finds that the change is reasonable and will not impair existing rights, that the change relates to the same local source of supply and that the application should be and is hereby approved.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized place of use shall be:

the City of Hill City and immediate vicinity; the City of Bogue and immediate vicinity, and within the immediate vicinity of the pipeline serving the City of Bogue, all in Graham County, Kansas,

after which the authorized location of the point of diversion shall be:

one (1) well located in the Northwest Quarter of the Southwest Quarter of the Northwest Quarter (NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 8, more particularly described as being near a point 3,625 feet North and 5,084 feet West of the Southeast corner of said section, in Township 7 South, Range 23 West, Graham County, Kansas,

located substantially as shown on the plat and topographic maps accompanying the application to change the place of use and point of diversion.

All diversion works into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer

SCANNED

The water right owner shall properly install an acceptable water meter on the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meter has been completed. The water right owner shall maintain the water meter in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meter and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

All wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this order shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

Installation of the works for diversion of water shall be completed on or before December 31, 2017 or within any authorized extension of time. The applicant shall notify the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 31,210-D1, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated September 20, 1989, as modified and amended by the aforementioned orders.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this 16th day of August, 2017, at Topeka, Shawnee County, Kansas.

Lane P. Letourneau
Lane P. Letourneau, P.G.
Program Manager
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 16th day of August, 2017, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson
Notary Public

CERTIFICATE OF SERVICE

On this 18th day of August, 2017, I hereby certify that the attached Approval of Application for the Change in Place of Use and Point of Diversion under Water Right, File No. 31,210-D1, dated August 16, 2017 was mailed postage prepaid, first class, US mail to the following:

City of Hill City
Dennis Mersch, Mayor
205 N Pomeroy Ave
Hill City, KS 67642-1815

With photocopies to:

Stockton Field Office

Danielle Wilson
Division of Water Resources

Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502
www.ksda.gov/dwr

**APPLICATION FOR APPROVAL TO
CHANGE THE PLACE OF USE, THE
POINT OF DIVERSION OR THE USE
MADE OF THE WATER UNDER AN
EXISTING WATER RIGHT**



State of Kansas

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1. Application is hereby made for approval of the Chief Engineer to change the

- Place of Use
(Check one or more) Point of Diversion
 Use Made of Water

**WATER RESOURCES
RECEIVED**

MAY 08 2017

**12:57
KS DEPT OF AGRICULTURE**

File No. 31,210-D1

2. Name of applicant: CITY OF HILL CITY

Address: CITY SUPT 205 N POMEROY AVE

City, State and Zip: HILL CITY, KS 67642-1815

Phone Number: (785)421-3438

E-mail address: _____

What is your relationship to the water right; owner tenant agent other? If other, please explain. _____

Name of water use correspondent: CITY OF HILL CITY

Address: CITY SUPT 205 N POMEROY AVE

City, State and Zip: HILL CITY, KS 67642-1815

Phone Number: (785)421-3438

E-mail address: _____

3. The change(s) proposed herein are desired for the following reasons (please be specific): TO MOVE 31,210-D1 TO A NEW WELL TO BE DRILLED. OVERLAPPING FILE 23,433-D1 WILL REMAIN ON THE PRESENT WELL. IN ADDITION, IT IS PROPOSED TO INCLUDE THE CITY OF BOGUE, ITS IMMEDIATE VICINITY, AND WITHIN 1/2 MILE OF EACH SIDE OF SUPPLY PIPELINE.

The change(s) (WILL BE completed by 12-31-2017

(Date)

For Office Use Only:

F.O. 3 GMD 4 Meets K.A.R. 5-5-1 (YES / NO) Use MUN Source G/S County GH By KAB Date 5/9/17
Code R-2 Fee \$ 400 TR # _____ Receipt Date 5/8/17 Check # 13444

1800

APPLICATION COMPLETE

7/31/17
Reviewer LI

4. The presently authorized place of use is:

Owner of Land — NAME: CITY OF HILL CITY

ADDRESS: CITY SUPT 205 N POMEROY AVE HILL CITY, KS 67642-1815

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
13	08S	23W	CITY OF HILL CITY																

List any other water rights that cover this place of use. GH2, 3825, 23433-D1, 31210-D1, 35108, 40200, 40201, 40202

Owner of Land — NAME: _____

ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use. _____

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: CITY OF HILL CITY & IMMEDIATE VIC., CITY OF BOGUE AND IMMEDIATE VIC. & WITHIN 1/2 MILE OF PIPELINE

ADDRESS: CITY SUPT 205 N POMEROY AVE HILL CITY, KS 67642-1815

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES	
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼		
13	08S	23W	See Above																	
17	08S	21W	See Above																	

List any other water rights that cover this place of use. HILL CITY: GH2, 3825, 23433-D1, 31210-D1, 35108, 40200, 40201, 40202
BOGUE: GH1, 17373, 31517

Owner of Land — NAME: _____

ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

WATER RESOURCES RECEIVED
 MAY 08 2017

List any other water rights that cover this place of use. _____

KS DEPT OF AGRICULTURE

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

SCANNED

7/11/17

- 6. The presently authorized point(s) of diversion is 1 well overlapped with water right 23,433-D1
(Provide description and number of points)
- 7. The proposed point(s) of diversion are 1 well dedicated to 31,210-D1 & retaining of existing well for 23,433-D1
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion: ALSO UTILIZED BY 23,433-D1 AND WILL BE RETAINED BY SUCH RIGHT**

One in the SW Quarter of the NW Quarter of the SW Quarter of Section 08, Township 07 South, Range 23 W, in GRAHAM County, Kansas, 1750 feet North 4899 feet West of Southeast corner of section.
 Authorized Rate 320 GPM Authorized Quantity 42.03 MGY
 (DWR use only: Computer ID No. 11 GPS 1735 feet North 4921 feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the NW Quarter of the SW Quarter of the NW Quarter of Section 08, Township 07 South, Range 23 W, in GRAHAM County, Kansas, 3625 feet North 5084 feet West of Southeast corner of section.
 Proposed Rate 320 GPM Proposed Quantity 42.03 MGY
 This point is: Additional Well Geo Center List other water rights that will use this point _____

9. **Presently authorized point of diversion:**

One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ W, in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ W, in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

10. **Presently authorized point of diversion:**

One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ W, in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ W, in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used _____

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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

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12. The presently authorized use of water is for MUN purposes.
It is proposed that the use be changed to NO CHANGE purposes.

13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
CITY OF HILL CITY PREVIOUSLY PURCHASED IRRIGATION WATER RIGHTS FOR CONVERSION TO MUNICIPAL USE AND REDUCTIONS IN CU WERE ADDRESSED AT THAT TIME TO ACCOUNT FOR FUTURE MUNICIPAL NEEDS.

(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to N/A (acre-feet or million gallons).

15. It is requested that the maximum rate of diversion of water be reduced to N/A gallons per minute (____ c.f.s.).

16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.

- a. If a change in the location of the point(s) of diversion is proposed, show:
 - 1) The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
 - 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within 1/2 mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please indicate so on the map.
 - 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.

17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.

THIS CHANGE WILL ACTUALLY REDUCE DRAWDOWN FROM ORIGINAL WELL DUE TO ITS OVERLAP WITH 23.433-D1. SPREADING THESE TWO RIGHTS OUT TO TWO WELLS SPACED FARTHER APART WILL REDUCE OR HAVE NO EFFECT ON DRAWDOWNS ON SURROUNDING WATER RIGHTS BY REDUCING DEMAND PLACED ON SINGLE WELL.

18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

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Any use of water that is not as authorized by the water right or permit to authorize water **before** the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete. By filing this application I authorize the chief engineer to permanently reduce the quantity of water and/or rate of diversion as specified in sections 14 and 15 of this application.

Dated at 5-1-17, Kansas, this _____ day of _____, 20_____.

<u>Dennis Mersch</u> (Owner)	_____ (Spouse)
<u>DENNIS MERSCH</u> (Please Print)	_____ (Please Print)
<u>MERSCH</u> (Owner)	_____ (Spouse)
_____ (Please Print)	_____ (Please Print)
_____ (Owner)	_____ (Spouse)
_____ (Please Print)	_____ (Please Print)

State of Kansas }
County of Graham } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 1st day of May, 2017

NOTARY PUBLIC - State of Kansas
JAN M. DEENIHAN
My Appt. Exp. 7-31-2020

Jan M. Deenihan
Notary Public

My Commission Expires 7-31-2020

FEE SCHEDULE

Each application to change the place of use, the point of diversion or the use made of the water under this section shall be accompanied by the application fee set forth in the schedule below:

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200
- (4) Application to change the use made of the water \$300

Make check payable to **Kansas Department of Agriculture.**

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WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

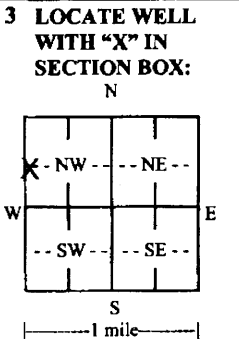
TW23

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Graham Fraction NW 1/4 NW 1/4 SW 1/4 NW 1/4 Section Number 8 Township Number T 7 S Range Number R 23 E W

2 WELL OWNER: Last Name: City of Hill City Business: City of Hill City Address: 205 N Pomeroy Address: Hill City State: Kansas ZIP: 67642 Street or Rural Address where well is located: At Hwy 283 go west on W road follow to 230th ave and then turn north on 230th ave go north .70miles and then turn east into field



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 170 ft. Depth(s) Groundwater Encountered: 1) 102 ft. 2) ft. 3) ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 102 ft. below land surface, measured on (mo-day-yr) above land surface, measured on (mo-day-yr) 03/14/2017 Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 10 in. to 170 ft. and in. to ft.

5 Latitude: 39.461306 (decimal degrees) Longitude: 99.919333 (decimal degrees) Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: 6 Elevation: 2445 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2. Public Water Supply: well ID 3. Dewatering: how many wells? 4. Aquifer Recharge: well ID 5. Monitoring: well ID 6. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 7. Oil Field Water Supply: lease 8. Test Hole: well ID TW23 Cased Uncased Geotechnical 9. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 10. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 4 in. to 130 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12.8 in. Weight lbs./ft. Wall thickness or gauge No. Schedule 40 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 130 ft. to 170 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 119 ft. to 170 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 119 ft., From ft. to ft., From ft. to ft. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify)

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes 'WATER RESOURCES RECEIVED' stamp and 'AUG 07 2017' date stamp.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 03/13/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433 This Water Well Record was completed on (mo-day-year) 03/24/2017 under the business name of Chas. Sargent Irrigation, Inc.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

Form	WWC5
Contractor	Chas. Sargent Irrigation, Inc.
Well Owner	
Doc ID	1349710

Litholgy

0	4	Topsoil
4	16	Clay
16	20	Sandstone
20	26	Sandstone
26	35	Clay
35	40	Clay w/sandstone layers
40	46	Clay and sandstone layers
46	60	Light green clay & mag rock ledges
60	68	Stiff sandstone
68	80	Coarse sand
80	92	Stiff sandstone w/coarse sand strings
92	96	Loose coarse sand
96	123	Brown clay
123	131	small gravel & coarse sand
131	132	small gravel & coarse sand w/clay layers
132	137	small gravel & coarse sand
137	138	small gravel & coarse sand w/clay layers
138	143	small gravel & coarse sand
143	144	small gravel & coarse sand w/clay layers
144	149	small gravel and coarse sand
149	162	clay

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AUG 07 2017

MAY 24 2017

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BUREAU OF WATER

Form	WWC5
Contractor	Chas. Sargent Irrigation, Inc.
Well Owner	
Doc ID	1349710

Lithology

162	170	coarse sand

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AUG 07 2017

KS DEPT OF AGRICULTURE

Ireland, Leslie

From: Stewart, Kelly
Sent: Monday, August 7, 2017 11:37 AM
To: Ireland, Leslie
Cc: Billinger, Mark; Hageman, Rebecca
Subject: RE: Recommendation for Change in Place of Use GN002_3825xxx Hill _ Bogue Cities

Leslie,

I recommend approval of the changes in place of use for File Nos. GH002; 3825; 35,108; 40,200; 40,201; 23,433-D1 and 31,210-D1. I also recommend approval of the change in point of diversion for File No. 31,210-D1.

Kelly

From: Ireland, Leslie
Sent: Monday, August 7, 2017 10:55 AM
To: Stewart, Kelly <Kelly.Stewart@ks.gov>
Cc: Billinger, Mark <Mark.Billinger@ks.gov>
Subject: Recommendation for Change in Place of Use GN002_3825xxx Hill _ Bogue Cities

Kelly,

Please let me know if you recommend these changes and update in PD for the well under 23,433-D1 & 31,210-D1

As always comments and concerns are welcome.

Leslie Ireland, Environmental Scientist II
Kansas Department of Agriculture
Division of Water Resources - Change Unit
(785) 564-6633
Leslie.Ireland@ks.gov
www.agriculture.ks.gov

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1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700

900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

July 12, 2017

CITY OF HILL CITY
DENNIS MERSCH
205 N POMEROY AVE
HILL CITY KS 67642-1815

RE: Change Applications,
Vested Right, File No. GH 002
Water Right, File Nos. 3825; 23,433-D1; 31,210-D1; 35,108; 40,200; 40,201 & 40,202

Dear Mr. Mersch:

Reference is made to the applications for approval of the Chief Engineer to change place of use under all of the referenced files and the proposed change in point of diversion under File No. 31,210-D1, that were received in this office on May 8, 2017. Upon review of the applications it has been determined that additional information is needed.

The application to change the point of diversion under File No. 31,210-D1, requires the applicant to identify all the water wells within one-half (1/2) mile of the proposed well, with each well identified as to its use (e.g. domestic, irrigation, industrial, municipal) and the name and mailing address of the owner(s). Additionally, it is required for you to **sign the map** to acknowledge that you have shown any and all wells within the area if interest. If none exist, please add your signature where indicated.

The applications to change the place also need a map to show the proposed **place of use and the location of the pipeline** that will convey the water from the City of Hill City to the City of Bogue. On the enclosed map for the proposed change in place of use under File Nos. GH 002, 3825; 23,433-D1; 31,210-D1; 35,108; 40,200; 40,201 & 40,202, please use the symbols as indicated in the Legend to complete the map. Should the pipeline be on property that is not owned by the City or in a public easement, a copy of an agreement or letter signed by the landowner(s) authorizing you to transport water across said land will be required.

Please return the enclosed maps so that the applications retain their priority of filing, the requested information needs to be returned to this office on or before **July 27, 2017**, or within any authorized extension of time thereof. According to law, the default in supplying the requested information as outline above, within the time allowed shall continue forfeiture of the priority date and dismissal of the applications.

SCANNED

FILE COPY

Vested Right, File No. GH 002

Page 2

Water Right, File Nos. 3825; 23,433-D1; 31,210-D1; 35,108; 40,200; 40,201 & 40,202

If you wish to request additional time in which to return the required information, you must do so in writing, before the time period expires. Such a request should state what steps are being taken to obtain the information and the amount of time you will need to supply the information to our office.

If I may answer any questions regarding this letter please me at (785) 564-6633. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,



Leslie Ireland
Environmental Scientist
Water Appropriation Program

LI:li
Enclosures
pc: Stockton Field Office

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

CITY OF HILL CITY
%CITY SUPT, 205 N POMEROY AVE
HILL CITY, KS 67642

May 9, **FILE COPY**

RE: File No. 31210 D1

Dear Sir or Madam:

An application for approval of the Chief Engineer to change the following condition or conditions of the file number referred to above has been received:

- place of use PU/PD
- point of diversion
- use made of water

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore, to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. You will be contacted regarding this application as soon as it has been examined.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water prior to approval of the application is unlawful. You should not proceed and divert water as indicated by your plans in your application for a change for this file until you receive approval for this change from the Chief Engineer. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor...

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Kristen A. Baum".

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

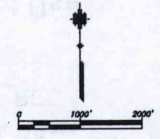
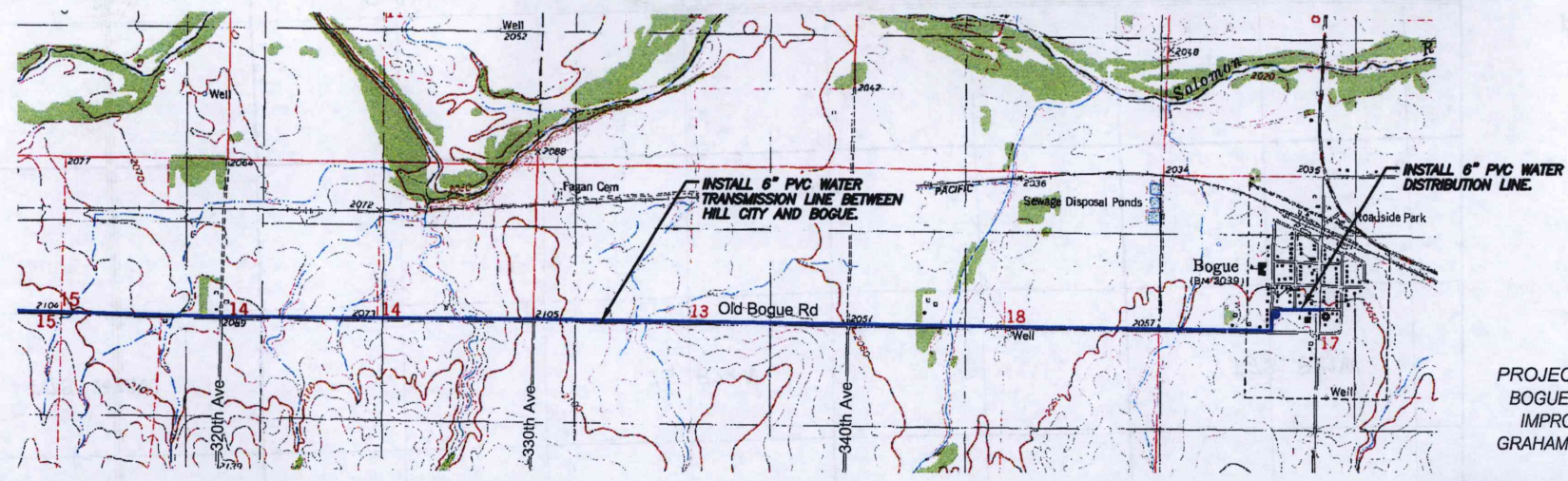
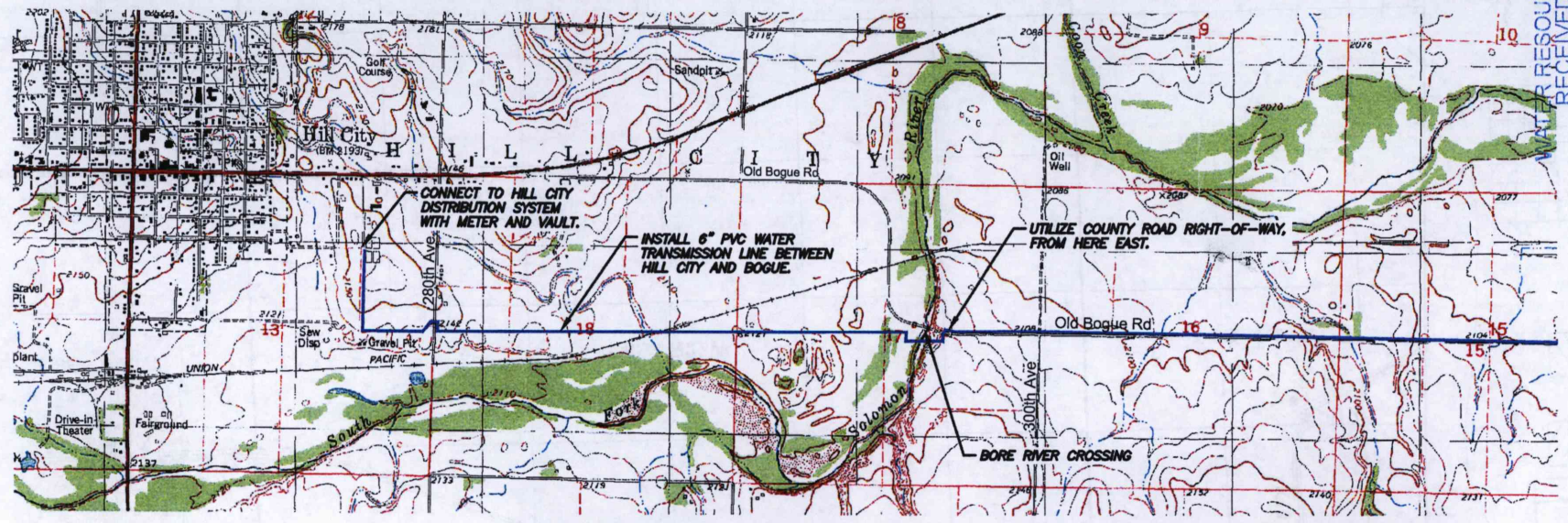
BAT: DLW
pc: STOCKTON Field Office GMD3

FILE NOS. GH002 3825; 23,433-01 31,210-02, 35,108, 40,200 40,201 & 40,202

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PROJECT PLAN AREA
BOGUE WATER SYSTEM
IMPROVEMENTS 2016
GRAHAM COUNTY, KANSAS

EBH & Associates
ENGINEERS, PLANNERS & SURVEYORS
Evans-Bierly-Hutchison & Associates, P.A.
Offices in Kansas
Great Bend, Cimarron, Goodland,
Hillsboro, Marion, Neodesha, & Pratt

Water line to Bogue

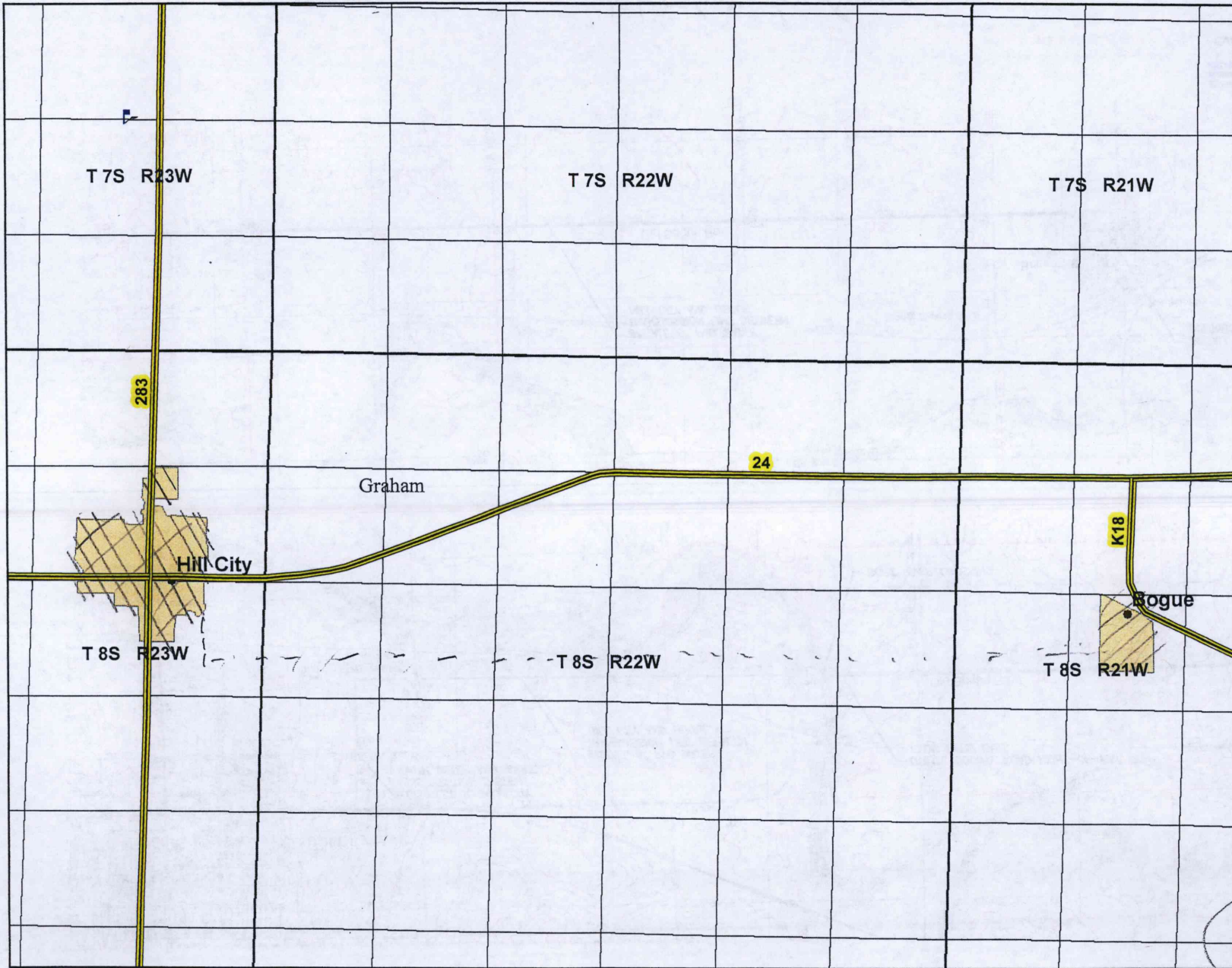
Proposed Change in Place of Use City of Hill City
 File Nos. GH 002; 3825; 23,433-D1; 31,210-D1; 35,108; 40,200; 40,201 & 40,202

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Legend

WIMAS_PD

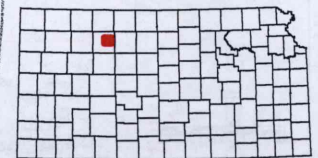
S_UMW

- G_IRR
- ▲ G_MUN
- ▤ G_REC
- ▥ S_REC

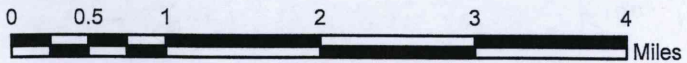
Place of Use

- Pipeline (DASHED LINE)
- Authorized
- Proposed *L.Ireland*

Index Map

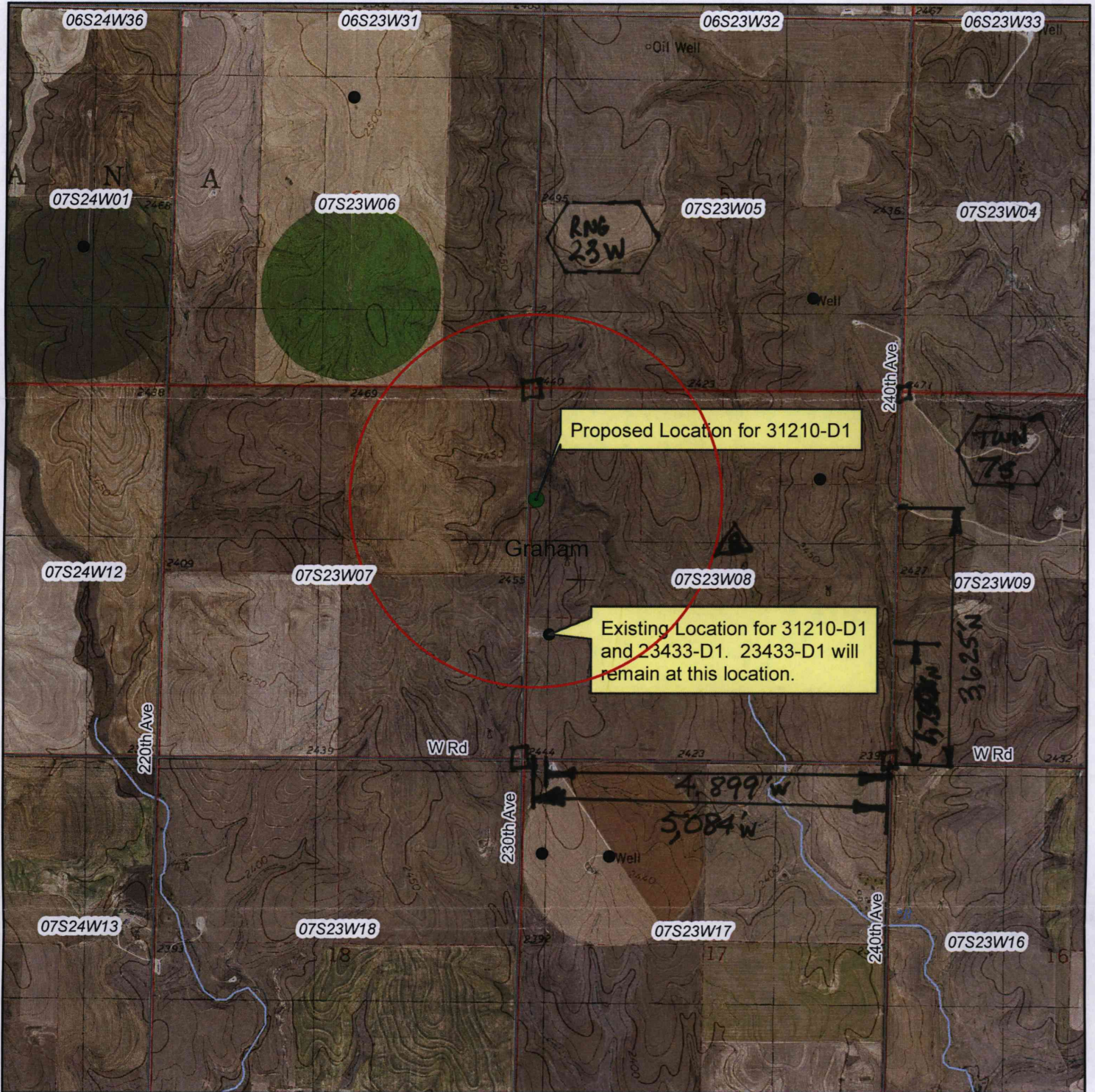


SEE EBH ENGINEERING maps RECEIVED 7/31/17 L.Ireland



This map was created by L.Ireland in WIMAS on 7/11/2017.

Application to Change the Point of Diversion For Water Right File # 31,210-D1



1/2 mile radius

- Surface Water Point of Diversion
- Groundwater Point of Diversion

1:24,000

Map Prepared by
M. Billinger
DWR
FT. DISNEY

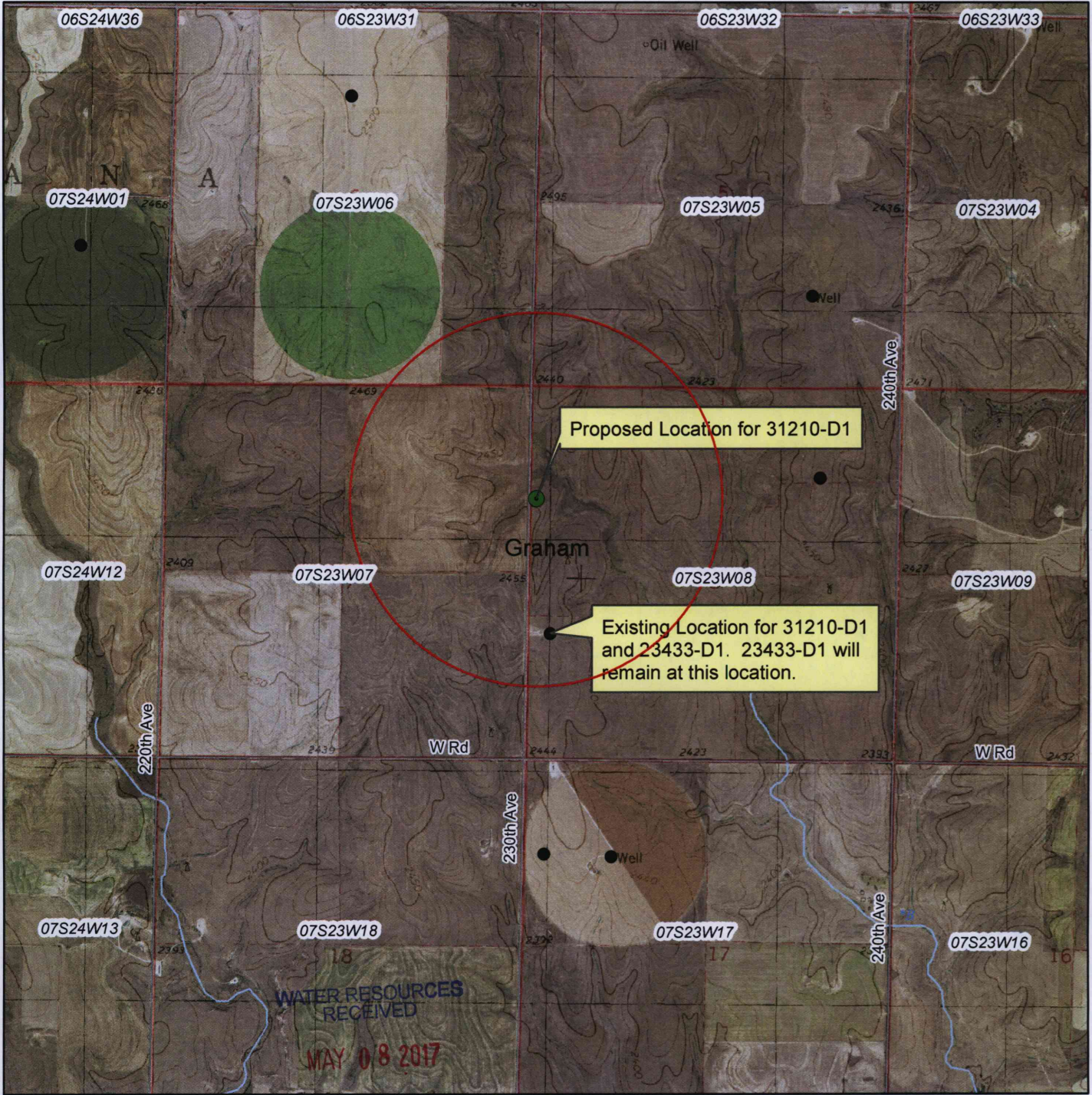
Signature Required

Dennis Mersch

By signing this I am stating that to the best of my knowledge
that all wells within 1/2 mile of proposed well location are
identified on this map.

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JUL 31 2017

Application to Change the Point of Diversion For Water Right File # 31,210-D1



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- ▲ Surface Water Point of Diversion
- Groundwater Point of Diversion

1:24,000

○ 1/2 mile radius

Signature Required

Dennis Mersch

By signing this I am stating that to the best of my knowledge that all wells within 1/2 mile of proposed well location are identified on this map.



Map Prepared by
M. Billinger
DWR