

County: Washington Fraction: NE SW SW SW Sec. 35 T 5 S R 1 E

CORRECTION(S) TO WATER WELL COMPLETION RECORD Form WWC-5 (to rectify lacking or incorrect information)

Owner: Koch Agri Services

If location corrected, was listed as:

Location changed to:

Section-Township-Range: 35-55-1E

35-55-1E

Fraction (1/4 calls): SW SW SW

NE SW SW SW

Other changes: Initial statements: No lat./long. given.

Changed to: Lat.: 39.5676809, Long.: -97.2914697, WGS 84

Comments: Lat./long. calculated from State Plane coordinates given in accompanying table.

Verification method: Latitude & longitude & KGS' "LEO" conversion tool, accompanying site map, and mapping tool & aerial photos on KGS website.

Initials: DRA Date: 6/11/2018

Submitted by: ☒ Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724
☐ Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Washington</u>		<u>SW 1/4</u> <u>SW 1/4</u> <u>SW 1/4</u>	<u>35</u>	<u>T 5 S</u>	<u>R 1</u> EW
Distance and direction from nearest town or city street address of well if located within city? <u>330 feet Northwest of the NW corner of Scribner St. & Parallel St.</u>					
2 WATER WELL OWNER: <u>Koch AgriServices</u>					
RR#, St. Address, Box # : <u>P.O. Box 2256</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>Wichita, Kansas 67201</u>			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>35.5</u> ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. <u>26</u> ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr			
		Pump test data: Well water was ft. after hours pumping gpm			
		Est. Yield gpm: Well water was ft. after hours pumping gpm			
		Bore Hole Diameter. <u>7.7/8</u> in. to <u>36</u> ft., and in. to ft.			
WELL WATER TO BE USED AS:					
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well					
Was a chemical/bacteriological sample submitted to Department? Yes.....No..... X; If yes, mo/day/yr sample was submitted					
Water Well Disinfected? Yes No X					
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded X					
Blank casing diameter <u>.2</u> in. to <u>20.5</u> ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface <u>0</u> in., weight lbs./ft. Wall thickness or gauge No. sch. <u>40</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole)					
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered snifter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify)					
SCREEN-PERFORATED INTERVALS: From <u>20.5</u> ft. to <u>35.5</u> ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>18.5</u> ft. to <u>35.5</u> ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>0</u> ft. to <u>18.5</u> ft., From <u>18.5</u> ft. to <u>20.5</u> ft., From ft. to ft.					
What is the nearest source of possible contamination:					
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage					
Direction from well? How many feet? <u>45</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Silt, sl clayey, drk brn			
3	9	Silt, sl clayey, lt brn			
9	25	Silt, clayey, drk brn, little snd, v fine			
25	28	Silt, sl clayey, f sndy, lt brn & lt gry, interbedded w/ orange			
28	36	Snd, c-med arkosic			
MW2 - Flushmount Don Taylor					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>12-09-94</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>527</u> . This Water Well Record was completed on (mo/day/yr) <u>12-06-94</u> under the business name of <u>GeoCore Services, Inc.</u> by (signature)					

ASSIGNMENT OF WATER WELL TO OWNER

I, Bryan Reichmuth of Central Valley Agriculture, 100 Center
(Landowner's address)

Clifton Kansas am the landowner on which the water wells are located in
(City) (State)
the SW quarter of the SW quarter of the SW quarter in Section 35, Township 5S
Range 1 E, in Washington County, Kansas. The attached figure shows
the location of the monitoring wells identified as MW-1, MW-2, MW-3, MW-4, and MW-5

I hereby request that Koch Agri Services
(Koch Remediation & Environmental Services) leave the water wells
(Operator name)

unplugged, and I will assume all responsibility for the plugging of said water well in
accordance with the requirements of the Kansas Department of Health and Environment
regulation K.A.R. 28-30-7.

NEW OWNER:

Bryan Reichmuth 4/3/18
(Signature) (Date)

Bryan Reichmuth
(Print)

WELL OWNER:

Robby Smith 3 Mar 2018
(Signature) (Date)

By: Robby Smith
(Agent)

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Washington

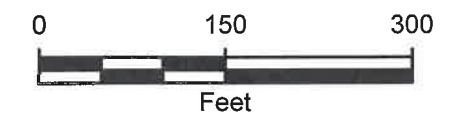
NW SE SW SW
SW SE SW SW
SW SE SW SW
SW SE SW SW

35-5-1E



LEGEND

 Monitoring Well



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Reference:
Imagery from Google Earth Pro, dated 08/2014



CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.
7330 W. 33RD STREET NORTH, SUITE 108
WICHITA, KANSAS 67205
(316) 220-8020

**MONITORING WELL
NETWORK TRANSFER**

CLIENT: KOCH REMEDIATION & ENVIRONMENTAL SERVICES, INC.

LOCATION: FORMER KOCH AGRI SERVICES
CLIFTON, KANSAS

FIGURE:
1

Table 1
Monitoring Well Details
Central Valley Ag Facility - Clifton KS

State Plane

Well ID	Construction Date	Total Depth (feet bgs ¹)	Total Depth (feet bTOC ²)	Top of Casing Elevation (feet amsl ³)	Well Diameter (inches)	Screen Interval (feet bgs)	Filter pack (feet bgs)	UTM Coordinates (Zone 1501, NAD83)	
								North	East
MW-1	12/9/1994	40	38.4	1275.60	2	24-39	22-40	450211.10	1511997.71
MW-2	12/9/1994	36	33.41	1273.42	2	20.5-35.5	18.5-35.5	450351.13	1512075.88
MW-3	12/9/1994	35	33.53	1273.85	2	20-35	18-35	450275.34	1512177.02
MW-4	5/14/2015	35	33.31	1274.32	2	20-35	18-35	450367.84	1512235.51
MW-5	5/14/2015	36	35.36	1273.26	2	21-36	19-36	450068.80	1511479.49
MW-6	5/14/2015	36	35.32	1273.17	2	21-36	19-36	450342.80	1511412.94
MW-7	5/14/2015	35.5	34.92	1271.64	2	20.5-35.5	18.5-35.5	449837.40	1512209.15
MW-8	5/14/2015	35	34.79	1269.74	2	20-35	18-35	449554.86	1512032.41

Notes:

- 1 - below ground surface
- 2 - below top of casing
- 3 - above mean sea level



Aptim Environmental & Infrastructure, Inc.
2872 N Ridge Road, Suite 102 B
Wichita, KS 67205
Tel: 316 220 8023
www.aptim.com

April 3, 2018

Ms. Pam Chaffee, Chief
Water Well Unit - Geology & Well Technology
Bureau of Environmental Remediation
Kansas Department of Health and Environment
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Re: *Assignment of Water Well to Owner*
Central Valley Agriculture – Clifton, Kansas

Dear Ms. Chaffee:

On behalf of Koch Remediation & Environmental Services, LLC (“KRES”) and Central Valley Agriculture (“CVA”), Aptim Environmental and Infrastructure, Inc. respectfully submits the attached Assignment of Water Well to Owner Form request for monitoring wells located at the CVA facility in Clifton, Kansas. The monitoring wells are currently owned by KRES and will be transferred to CVA for the purpose of monitoring groundwater associated with cleanup activities under the Kansas Department of Health and Environment – Bureau of Environmental Remediation for the Voluntary Cleanup and Property Redevelopment Program project number 07VCP0033. CVA will assume the responsibility for the maintenance, security, and abandonment of these monitoring wells as the new well owner.

Also included with this letter is a table summarizing monitoring well construction details (**Table 1**), a map showing locations of monitoring wells (**Figure 1**), and WWC-5 water well construction records. The attached forms were amended for use with the transfer of multiple monitoring wells.

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Ms. Pam Chaffee

Page 2

If you have any questions about this request, please feel free to contact Mr. Robby Smith, KRES, at (316) 828-7680 or via email to robby.smith@kochind.com.

Sincerely,



Melissa Ingrisano, RG
Scientist
CB&I Environmental & Infrastructure, Inc.

Please Reply to: Melissa Ingrisano
Telephone: (617) 589-5024
Email Address: melissa.ingrisano@cbi.com

cc: Mr. Robby Smith, KRES
Mr. Bryan Reichmuth, CVA

Attachments: Table 1: Monitoring Well Details
Figure 1: Monitoring Well Network Transfer
Assignment of Water Well to Owner
Water Well Construction – Form WWC-5