

County: Washington Fraction: SE 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 AgriServices

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

SE SW SW SW

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

Changed to: Lat.: 39.5672981, Long.: -97.2917508, WGS84

Comments: Lat./long. was 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: DRL 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

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number			
County: <u>Washington</u>		SW ¼ SW ¼ SW ¼		35		T 5 S		R 1 EW			
Distance and direction from nearest town or city street address of well if located within city? <u>225 feet Northeast of the NE corner of W. Parallel St. & Scribner Rd.</u>											
2 WATER WELL OWNER: <u>Koch AgriServices</u>											
RR#, St. Address, Box #: <u>P.O. Box 2256</u>											
City, State, ZIP Code: <u>Wichita, Kansas 67201</u>											
Board of Agriculture, Division of Water Resources Application Number:											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>39</u> ft. ELEVATION: _____									
		Depth(s) Groundwater Encountered 1. <u>31</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 _____ ft. and _____ in. to _____ ft.									
		WELL WATER TO BE USED AS:									
		1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)									
		Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> If yes, mo/day/yr sample was submitted _____									
5 TYPE OF BLANK CASING USED:											
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 <u>PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ Blank casing diameter <u>2</u> in. to <u>24</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 <u>Mill slot</u> 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) _____											
SCREEN-PERFORATED INTERVALS: From <u>24</u> ft. to <u>39</u> ft., From _____ ft. to _____ ft.											
GRAVEL PACK INTERVALS: From <u>22</u> ft. to <u>40</u> ft., From _____ ft. to _____ ft.											
6 GROUT MATERIAL: 1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 Other _____											
Grout Intervals: From <u>0</u> ft. to <u>20</u> ft., From <u>20</u> ft. to <u>22</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? <u>North</u> How many feet? <u>40</u>											
FROM		TO		LITHOLOGIC LOG		FROM		TO		PLUGGING INTERVALS	
0		1.8		Silt, drk gry, contains rck rubble							
1.8		11		Silt, brn, contains lt cly, v f snd altern w/ silt, v f snd, lt brn							
11		16		Silt, lt gry-brn to olv gry, altern w/ silt, clyey, brn							
16		25		Silt, sl clyey, lt olv-gry, altern w/ silt, clyey, lt gry-brn, damp, downwards							
25		29		Silt, lt gry w/ v f snd, increasing snd downwards, sporadic cly zones, lt brn w/ oran mottles							
29		31		Cly, slty, lt gry, moist, plstc							
31		35		Snd, v f silty, lt gry, lt brn, micaceous						MW1 - Flushmount Don Taylor	
35		40		Snd, f-c grnd, slty							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> 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

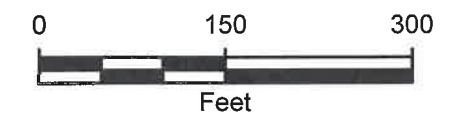
NW SE SW SW
SW SE SW SW
SW SE SW SW
SW SE SW SW

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

G:\Koch\147761\GIS_Documents\Project_Maps\kocn_147761_0174_monitor_well_network.mxd; Analyst: : Date: 2/1/2017 12:42:40 PM

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

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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,

A handwritten signature in black ink, appearing to read 'M. Ingrisano'.

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