WATER WELL RECORD Form WWC-5

■ Original Record ☐ Correction ☐ Change in Well Use

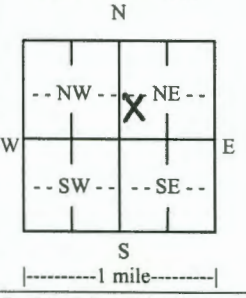
Division of Water Resources App. No. _____ Well ID MW-10

1 LOCATION OF WATER WELL: County: Saline | Fraction: SE ¼ NW ¼ SW ¼ NE ¼ | Section Number: 35 | Township Number: T 13 S | Range Number: R 2 ☐E ■W

2 WELL OWNER: Last Name: First:
Business: Koch Remediation & Environmental Services
Address: 4111 East 37th Street North
Address:
City: Wichita State: KS ZIP: 67220

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☐
≈400 east of N. Weaver Rd. and E. Old 40 Hwy
New Cambria KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 35 ft.
Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: ..... ft.
☐ below land surface, measured on (mo-day-yr).....
☐ above land surface, measured on (mo-day-yr).....
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: 8.5 in. to 35 ft. and ..... in. to ..... ft.

5 Latitude: 38.87988 (decimal degrees)
Longitude: -97.50974 (decimal degrees)
Horizontal Datum: ■ WGS 84 ☐ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
■ GPS (unit make/model: Garmin etrek) (WAAS enabled? ■ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: .....

6 Elevation: ..... ft. ☐ Ground Level ☐ TOC
Source: ☐ Land Survey ■ GPS ☐ Topographic Map ☐ Other .....

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ☐ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID .....
6. ☐ Dewatering: how many wells? .....
7. ☐ Aquifer Recharge: well ID .....
8. ■ Monitoring: well ID MW-10
9. Environmental Remediation: well ID ..... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Recovery ☐ Injection
10. ☐ Oil Field Water Supply: lease .....
11. Test Hole: well ID ..... ☐ Cased ☐ Uncased ☐ Geotechnical
12. Geothermal: how many bores? ..... a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
13. ☐ 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 2 in. to 20 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface -6 in. Weight ..... lbs./ft. Wall thickness or gauge No. sch 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 20 ft. to 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 18 ft. to 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ☐ Other .....
Grout Intervals: From 2 ft. to 18 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

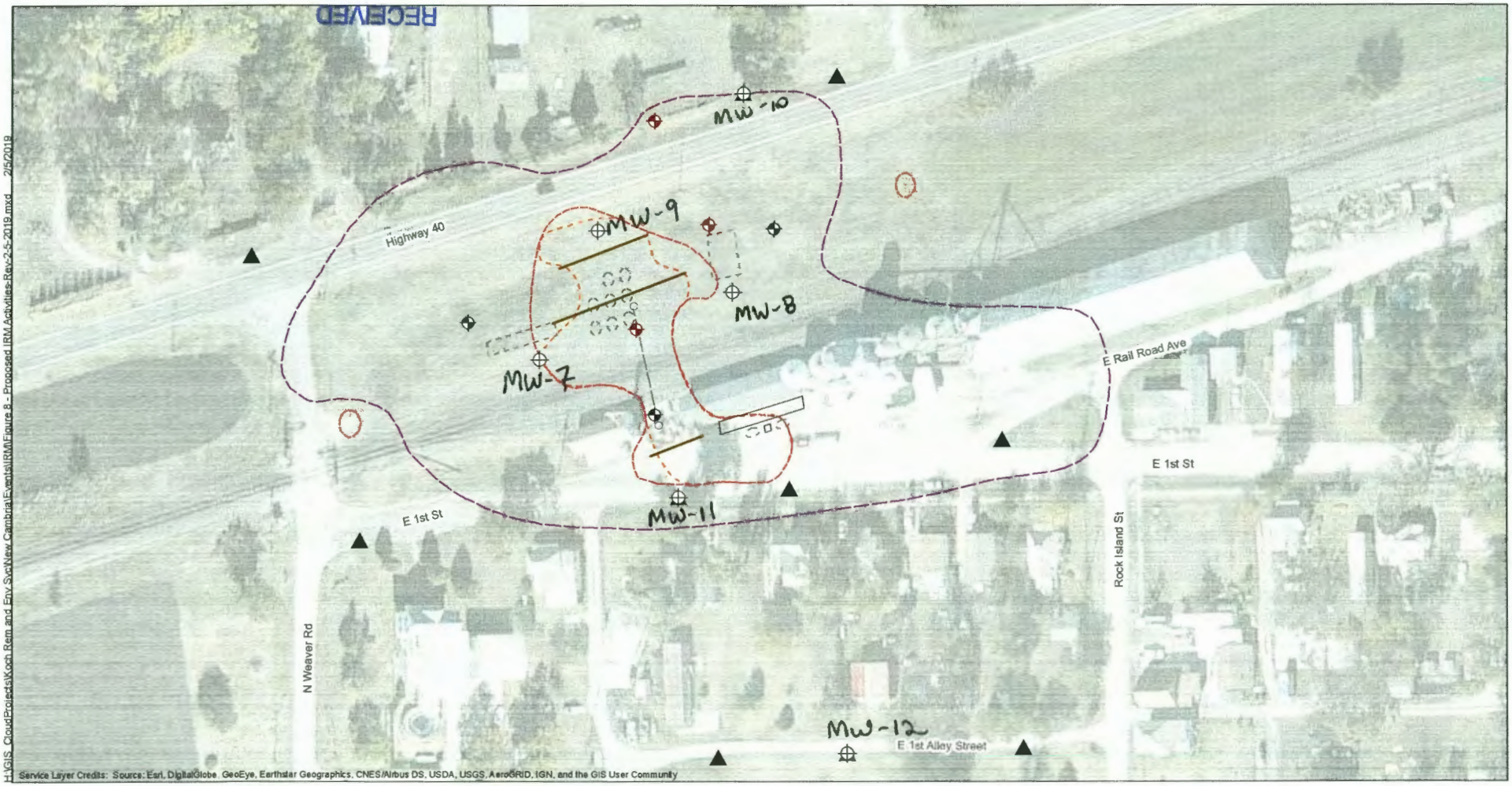
Nearest source of possible contamination:
☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage
☐ Sewer Lines ☐ Cess Pool ☐ Sewage Lagoon ■ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☐ Other (Specify) .....
Direction from well? South Distance from well? ≈250 Feet ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	30	Silty Clay			
30	35	Sand			
			Notes:		

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) 2/14/2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710 This Water Well Record was completed on (mo-day-year) 2/28/2019 under the business name of Below Ground Surface, Inc. Signature Craig K Hier

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**



H:\GIS_CloudProjects\Koch Rem and Env Svc\New Cambria\Events\IRM\Figure 8 - Proposed IRM Activities-Rev-2-5-2019.mxd 2/5/2019

Legend

- Proposed Injection Trench
- Proposed Injection Well
- Monitoring Well
- Proposed Monitoring Well
- Proposed GW Grab
- Former UST
- Former Storage Buliding
- Storage Shed
- Estimated Extent of GW Impacts In Source Area
- Estimated Extent of Soil Impacts (0-2 ft bgs)
- Estimated Extent of Soil Impacts (2-24 ft bgs)
- Former Anhydrous Ammonia Tank
- Former Underground Liquid Fertilizer Pipeline
- Former Liquid Fertilizer Storage Tanks
- Former Liquid Fertilizer Loadout
- Scale

NOTES

1. All locations are approximate.
2. Monitoring wells MW-1, MW-2, and MW-6 will be used as injection wells.
3. The extent of groundwater and soil impacts is estimated and should be considered approximate.

N

0 40 80

Scale: Feet

Kennedy/Jenks Consultants

Koch Remediation and Environmental Services, LLC
Former Koch Agriculture Company Facility
New Cambria, KS

Proposed IRM Activities

1849401.10
Figure 8