

1 LOCATION OF WATER WELL: County: Wyandotte	Fraction ¼ ¼ NE ¼ NE ¼	Section Number 27	Township Number T 11 S	Range Number 25 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here Approximately 2500 feet west of Greystone Ave. and Clinton Road; Kansas City, KS

Global Positioning Systems (GPS) information:
 Latitude: 39.07205 (in decimal degrees)
 Longitude: -94.61634 (in decimal degrees)
 Elevation: 770
 Horizontal Datum: WGS84, NAD83, NAD27
 Collection Method:

2 WATER WELL OWNER: Union Pacific Railroad
 RR#, St. Address, Box #: 1400 Douglas St., Stop 1030
 City, State ZIP Code: Omaha NE 68179

GPS unit (Make/Model: Garmin etrek)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N

			X
NW		NE	
W			E
SW		SE	
	S		

4 DEPTH OF WELL 14 ft.
 WELL'S STATIC WATER LEVEL _____ ft. MW-22
 WELL WAS USED AS:

<input type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input checked="" type="checkbox"/> Dewatering
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well
<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other _____

Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:

Steel RMP (SR) Wrought Fiberglass Other (Specify below)
 PVC ABS Asbestos-Cement Concrete Tile

Blank casing diameter 2 in. Was casing pulled? Yes No If yes, how much all
 Casing height above or below land surface -6 in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other Top Soil

Grout Plug Intervals: From 0 ft. to 3 ft., From 3 ft. to 14 ft., From — ft. to — ft.

What is the nearest source of possible contamination:

<input type="checkbox"/> Septic tank	<input type="checkbox"/> Seepage pit	<input type="checkbox"/> Fuel storage	<input type="checkbox"/> Other (specify below)
<input type="checkbox"/> Sewer lines	<input type="checkbox"/> Pit privy	<input type="checkbox"/> Fertilizer storage	
<input type="checkbox"/> Watertight sewer lines	<input type="checkbox"/> Sewage lagoon	<input type="checkbox"/> Insecticide storage	
<input type="checkbox"/> Lateral lines	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Abandoned water well	Direction from well? _____
<input type="checkbox"/> Cess pool	<input type="checkbox"/> Livestock pens	<input type="checkbox"/> Oil well/Gas well	How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
0	3	Top Soil			
3	14	Bentonite			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 6/23/2017 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) 6/26/2017 under the business name of Below Ground Surface, Inc. by (signature) Gray R. Hewitt

Send one white copy to Kansas Department of Health & Environment, Geology Section, 1000 SW Jackson Street, Ste. 420, Topeka, KS 66612-1367. Send one copy to WATER WELL OWNER and retain one for your records.
 Visit us at <http://www.kdheks.gov/waterwell/index.html> Telephone 785-296-5524.



NOTES

- 1) Results are displayed in micrograms per liter (µg/L).
- 2) NS = Not Sampled
- 3) NS = Not Analyzed
- 4) NS = Not Analyzed
- 5) NS = Not Analyzed
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- 100) NS = Not Analyzed

SCALE IN FEET

Parameter	Value	Date
Benzene	2.11	10/6/2013
Naphthalene	720	10/6/2013
TPH/DRO	400	10/6/2013
MRH	2,500	10/6/2013
HRH	2,500	10/6/2013

- Legend
- Monitoring Well
 - Proposed Shallow SVE Well
 - Proposed Deep SVE Well
 - Proposed Pilot Test Shallow Observation Well
 - Proposed Pilot Test Deep Observation Well
 - Proposed Air Sparge Well
 - Groundwater Exceeds KDHE Residential Tier 2 RSK Value
 - Railroad Overpass
 - Buildings
 - Source Area
 - VCP Project Area
 - Groundwater Result Exceeds Applicable KDHE Tier 2 RSK Non-Residential Scenario Groundwater Screening Level
 - Light Non-Aqueous Phase Liquid (LNAPL) Detected on At Least One Occasion
 - Non-Aqueous Phase Liquid (NAPL) Detected on At Least One Occasion

FIGURE 3: SVE/IAS Pilot Test Layout. Union Pacific Railroad - Former Armstrong Yard, Kansas City, Kansas. Arcadis Environmental Services, Inc. (AES) prepared this figure for the Union Pacific Railroad. The figure is for informational purposes only and does not constitute a contract. The figure is subject to change without notice. The figure is not to be used for any other purpose. The figure is the property of Arcadis Environmental Services, Inc. and is not to be reproduced or distributed in any form without the prior written consent of Arcadis Environmental Services, Inc.