

## WATER WELL PLUGGING RECORD Form WWC-5P

KSA 82a-1212

ID NO.

mw-1

1 LOCATION OF WATER WELL: County: <u>Wyandotte</u>	Fraction <u>NE 1/4 NE 1/4 NE 1/4 NE 1/4</u>	Section Number <u>19</u>	Township Number <u>T 11 S</u>	Range Number <u>W 25</u> <input checked="" type="checkbox"/> E <input type="checkbox"/>
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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 ☐ Fairbanks Horse  
3601 Fairbanks Ave., Kansas City KS

## Global Positioning Systems (GPS) information:

Latitude: 39° 05.2278 (in decimal degrees)Longitude: 94° 40.0715 (in decimal degrees)

Elevation:

Datum: ☐ WGS84, ☐ NAD83, ☐ NAD27

Collection Method:

☐ GPS unit (Make/Model: \_\_\_\_\_)☒ Digital Map/Photo, ☐ Topographic Map, ☐ Land SurveyEst. Accuracy: ☐ < 3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ > 15 m

2 WATER WELL OWNER: SPX Corporation - FMK  
RR#, St. Address, Box #: 13320 Ballantyne Corp. Pl.  
City, State ZIP Code: Charlotte, NC 28277

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

		N	
		NE	SE
W	NW		E
	SW	SE	
		S	

4 DEPTH OF WELL 49.65 ft.WELL'S STATIC WATER LEVE 36.47 ft

WELL WAS USED AS:

☐ Domestic  
☐ Irrigation  
☐ Feedlot  
☐ Industrial

☐ Public Water Supply  
☐ Oil Field Water Supply  
☐ Domestic (Lawn & Garden)  
☐ Air Conditioning

☐ Dewatering  
☒ Monitoring  
☐ Injection Well  
☐ Other \_\_\_\_\_
Was a chemical/bacteriological sample submitted to Department? Yes ☐ No ☒

## 5 TYPE OF BLANK CASING USED:

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

Blank casing diameter 2 in. Was casing pulled? Yes ☒ No ☐ If yes, how much 5.5 ft.  
Casing height above or below land surface +35.28 in.

6 GROUT PLUG MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other \_\_\_\_\_Grout Plug Intervals: From 49.65 ft. to 3 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ to \_\_\_\_\_ ft.

What is the nearest source of possible contamination:

☐ Septic tank  
☐ Sewer lines  
☐ Watertight sewer lines  
☐ Lateral lines  
☐ Cess pool

☐ Seepage pit  
☐ Pit privy  
☐ Sewage lagoon  
☐ Feedyard  
☐ Livestock pens

☐ Fuel Storage  
☐ Fertilizer storage  
☐ Insecticide storage  
☐ Abandoned water well  
☐ Oil well/Gas well
☐ Other (specify below) \_\_\_\_\_

Direction from well? \_\_\_\_\_  
How many feet? \_\_\_\_\_

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>49.65</u>	<u>3</u>	<u>chip Bentonite</u>			
<u>3</u>	<u>0</u>	<u>Soil</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 6/16/14 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. \_\_\_\_\_ This Water Well Record was completed on (mo/day/year) 1/27/14 under the business name of Knight Environmental Inc. by (signature) John Knight

INSTRUCTIONS: Use typewriter or ballpoint pen. Please press firmly and print clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 785/296-5524. Send one to Water Well Owner and retain one for your records. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



**Knightly  
Environmental  
Incorporated**

January 27, 2014

Kansas Department of Health and Environment  
Bureau of Water, Geology Section  
1000 SW Jackson Street, Suite 420  
Topeka, Kansas 66612-1367

RE: Monitoring Well Plugging  
Fairbanks Morse Pump Co., 3601 Fairbanks Avenue, Kansas City, KS  
KDHE Project Code A4-105-40026

KEI: 69-27

To whom it may concern:

Knightly Environmental Incorporated (KEI) has completed closure activities on 18 groundwater monitoring wells at the referenced site: MW-1, MW-3, MW-5, MW-8, MW-10, MW-11, MW-13, MW-14, MW-15, MW-17, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-26. These wells were plugged in response to a December 5, 2013 letter from KDHE's Storage Tank Section authorizing the plugging activities. Budgets for this work were approved initially by the Department on January 23, 2012 for 20 wells, then on December 5, 2013 for an additional 6 wells.

Flush-mount well vaults with lids at locations MW-10, MW-13, and MW-17 were removed along with the supporting concrete pad. At all other locations, the above-grade protectors with concrete-filled bollards were removed. Cetco Pure Gold chip bentonite (or equivalent) was poured into each well casing. The bentonite was brought to approximately three feet below grade. Following the bentonite addition, the well casing at each well location was cut off three feet below grade and removed. Topsoil was then placed into each void to within 6-inches of grade at the locations where the wells were located on pavement (MW-3, MW-8, MW-10, and MW-17) or the surface at the other 14 locations plugged.

Enclosed with this letter are photos of the well locations before plugging and after plugging, and Water Well Plugging Records (Form WWC-5P) for the KDHE Bureau of Water, Geology Section.

Should you have questions related to this work, please contact me.

Sincerely,

KNIGHTLY ENVIRONMENTAL INCORPORATED

  
John Paul Knightly, L.C.  
Environmental Geologist

Enclosures

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JAN 29 2014  
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CC: Ms. Lacey Laird, KDHE-Storage Tank Section  
Mr. Walter Galacki, SPX Corporation





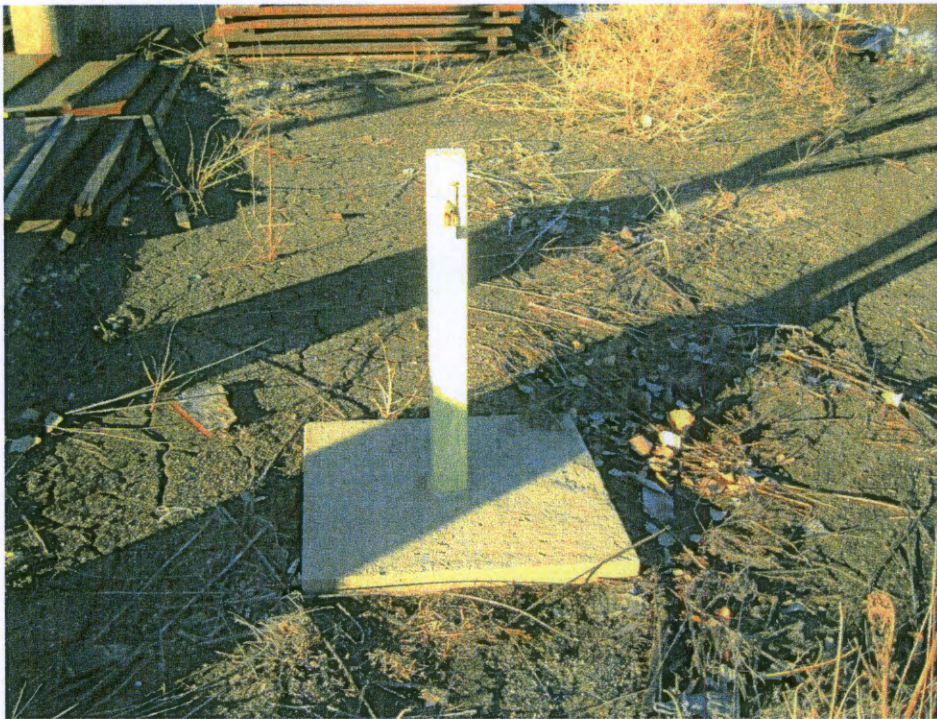
Photograph 37 – Solid debris from well plugging activities. J. Knightly, 1/17/14.



Photograph 38 – Well debris to construction debris landfill. J. Knightly, 1/17/14.

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Photograph 1 – MW-1 before plugging. J. Knightly, 1/14/14.



Photograph 2 – MW-1 post plugging. J. Knightly, 1/17/14.

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