

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Wyandotte

Location listed as:

Location changed to:

Section-Township-Range: 22-27 N-50 E

22-11 S-24 E

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): NE SE NE

NW SE SW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Latitude & longitude, KGS' "LEO" conversion tool,
wellsite address & city street map, and mapping tool &
aerial photos on KGS website. initials: DRJ date: 5/9/2011

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

MW-3

1 LOCATION OF WATER WELL: County: <u>Wyandotte</u> Distance and direction from nearest town or city street address of well if located within city? <u>901 S. 66th Terrace Kansas City, KS 66111</u>		Fraction <u>NE 1/4 SE 1/4 NE 1/4</u> Section Number <u>22</u> Township Number <u>T 27N S</u> Range Number <u>R 50 E</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>39 04 52.90</u> Longitude: <u>94 43 50.15</u> Elevation: _____ Datum: _____ Data Collection Method: _____										
2 WATER WELL OWNER: <u>Baron Solverson Inc.</u> RR#, St. Address, Box # <u>901 S. 66th Terrace</u> City, State, ZIP Code <u>Kansas City, KS 66111</u>		4 DEPTH OF COMPLETED WELL <u>40.0</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL <u>34.08</u> 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 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr Sample was submitted _____ Water well disinfected? Yes _____ No <u>X</u>												
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N <table border="1" style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width:25%;">NW</td> <td style="width:25%;">NE</td> <td style="width:25%;">E</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">X</td> </tr> <tr> <td>SW</td> <td>SE</td> <td></td> </tr> </table> S		NW	NE	E			X	SW	SE		5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ <u>2 PVC</u> 4 ABS <u>2"</u> 7 Fiberglass _____ Welded _____ Blank casing diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface _____ in., Weight _____ lbs./ft. Wall thickness or gauge No. <u>54.40</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 9 ABS 11 Other (Specify) _____ 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify) _____ SCREEN-PERFORATED INTERVALS: From <u>30'</u> ft. to <u>40'</u> ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>28'</u> ft. to <u>40'</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.			
NW	NE	E												
		X												
SW	SE													
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other _____ Grout Intervals: From _____ ft. to <u>28'</u> ft., From _____ ft. to _____ 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 13 Insecticide storage <u>16 Other (specify below)</u> 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well <u>Above ground</u> 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well <u>in KS</u> Direction from well? _____ How many feet? _____														
FROM TO LITHOLOGIC LOG <u>Sec Boring Log</u>		FROM TO PLUGGING INTERVALS												
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>9-17-2010</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>606</u> This Water Well Record was completed on (mo/day/year) _____ under the business name of <u>PSA Environmental</u> by (signature) _____														
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .														



Boring No.	MW-3	Drilling Method:	Hydraulic Push
Contractor:	PSA Environmental	Drill Rig:	GeoProbe 6600
Drill Crew:	Aaron Butler, Kenny Doane, Robert Tieman		
Date Started:	9/17/2010	Date Finished:	9/17/2010
Logged by:	Roy King	Protective Cover:	N/A

Project Name and Location:

Barton Solvents, Inc.
901 S. 66th Terrace
Kansas City, Kansas

Well Construction Information:

Casing Diameter (in):	2	Well Depth (ft):	40	Water level while drilling (ft):	34.35
Screened interval (ft):	30 - 40	Well Screen:	Schedule 40 PVC	Water level at completion (ft):	34.08
Filter pack interval (ft):	28 - 40	Well Riser:	Schedule 40 PVC	Boring Depth (ft):	40
Seal interval (ft):	3 - 28	Seal type:	Bentonite	Slotted Screen Size:	0.01
Grout Interval (ft):	1 - 3	Filter pack:	20/40 Silica Sand	Sampling Method:	5' Acetate Liner Tube

Well Completion Backfill	Casing	Depth	Sample Interval	USCS Symbol	Headspace (ppm)	Recovery	Lithology	Visual Description
		Surface						
		1		ML				Pre-Drill protocol, hand auger to five feet. Cuttings indicate silt.
		2						
		3						
		4						
		5						
		6		ML	2116			Silt, medium brown, loose, coarsely laminated, dry. Clayey partings at 10.5 (3") and 14.5 (1.5") feet. Moist to damp zones at 10.5, 14.5 and 23.5 feet.
		7			1998			
		8			2056	75%		
		9			1467			
		10			2067			
		11			2320			
		12			2077			
		13			1995	87%		
		14			2112			
		15			1885			
		16			2186			
		17			1989			
		18			1991	100%		
		19			1993			
		20			2000			
		21			1618			
		22			351			
		23			197	62%		
		24		SW	123			Sand, light brown, moderately cemented 25 - 27 feet, then weakly cemented, well sorted, fine, subangular, damp.
		25			24.3			
		26			40.1			
		27			22.4			
		28			3.0	62%		
		29			11.8			
		30			7.3			
		31		SP	68			Sand, light brown, uncemented, poorly sorted, very fine grading to medium grain, rounded to angular with trace of angular fine pea gravel, slightly moist becoming damp at 34 feet.
		32			126			
		33			18.5	63%		
		34			5.7			
		35		SW	17.1			Sand, as above, but well sorted, coarse grain, saturated throughout with moderate dilatancy.
		36			365			
		37			141			
		38			317	48%		
		39			0.0			
		40			0.0			

Boring Terminated at 40 feet.