WATER WELL RECORD Form WWC-5

Division of Water Resources; App. No. AS-105

1 LOCATION OF WATER WELL: County: Wyandotte | Fraction: SW ¼ SW ¼ SW ¼ | Section Number: 27 | Township Number: T 10 S | Range Number: R 25 E W

Distance and direction from nearest town or city street address of well if located within city? 3126 Brinkerhoff Rd KC, KS 66115

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: 39 08 42.75
Longitude: 94 37 14.79
Elevation:
Datum:
Data Collection Method:

2 WATER WELL OWNER: Dow Chemical Corp.
RR#, St. Address, Box # : P.O. Box 8361 Kanawha Turnpike
City, State, ZIP Code : South Charleston, WV 25303

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

N / W / E / S; NW, NE, SW, SE; X in SW

4 DEPTH OF COMPLETED WELL 55.0 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 25.83 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) 10 Monitoring well Air Sparge
Was a chemical/bacteriological sample submitted to Department? Yes ..... No X; If yes, mo/day/yrs Sample was submitted..... Water well disinfected? Yes ..... No X

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped.....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....
(2 PVC) 4 ABS 7 Fiberglass Threaded X
Blank casing diameter 1" in. to 54' ft., Diameter. in. to ft., Diameter in. to ft.
Casing height above land surface 24" in., Weight lbs./ft. Wall thickness or guage No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless Steel 5 Fiberglass (7 PVC) 9 ABS 11 Other (Specify)
2 Brass 4 Galvanized Steal 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 54 ft. to 55 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 53 ft. to 55' ft., From ft. to ft.
From 50' ft. to 53 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement (2 Cement grout) 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 50' 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 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well Old Air Sparge Points
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See Logs			

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) 8-8-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606 This Water Well Record was completed on (mo/day/year) 8-29-08 under the business name of PSA Environmental by (signature)

INSTRUCTIONS: Use typewriter or ball point 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., 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 constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
350383	AS-105	SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Dow Unison System Optimization LOCATION : Kansas City, Kansas

ELEVATION : 744.61 feet amsl DRILLING CONTRACTOR PSA Environmental

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6600 Rig

WATER LEVELS : ~28 feet bgs START : 11/28/06 9:52 END : 11/28/06 13:45 LOGGER : Glynn Roberts

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. OVM (ppm): Breathing Zone / Headspace
	0-5'	36"	GP	--	0' Asphalt 0.33' Baserock 2' SILT (ML), brown, trace gravel 4' SAND (SP), tan 4.5' FAT CLAY (CH), brown, moist, medium stiff	-- --
5	5-10'	60"	GP	--	6' SILT (ML), brown and tan 9' LEAN CLAY (CL), brown	-- --
10	10-15'	48"	GP	--	12' SILT (ML), brown 12.5' LEAN CLAY (CL), brown 13' SILT (ML), brown 14' LEAN CLAY (CL), brown 14.5' SILT (ML), brown	-- --
15	15-20'	60"	GP	--	15' SILT (ML), brown and tan 18' SAND (SP), fine-grained, tan	-- --
20	20-25'	60"	GP	--	20' Brown 23' Black sand seam	-- --
25	25-30'	36"	GP	--	25' SAND (SP), brown, wet	-- --
30						

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	30-35'	24"	GP	--		--	--
35					35' SAND (SP), medium-grained, brown, wet		
	35-40'	36"	GP	--		0	0
40							
	40-45'	36"	GP	--	41.5' Brown and gray, trace black sand	0	0
45							
	45-50'	60"	GP	--		0	0
50							
	50-55'	60"	GP	--	50' Shale fragments 51.5' Gray	0	0
55					55' SANDY-CLAY (CL), wet		

Boring terminated at 55 feet bgs

GP = Geoprobe
amsl = above mean sea level
bgs = below ground surface