

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

P2-6

1 LOCATION OF WATER WELL: County: Wyandotte Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 27 Township Number T 10 S Range Number R 25 E

Distance and direction from nearest town or city street address of well if located within city? 1/2 Block North of Funston & Brinkerhoff Rd. KC, KS 66115 Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: Longitude: 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

4 DEPTH OF COMPLETED WELL 35.0 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 26.26 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 12 Other (Specify below) Piezometer 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes..... No X; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes..... No X

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped..... 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded..... 7 Fiberglass Threaded X

Blank casing diameter..... in. to 20 ft. Diameter..... in. to..... ft. Diameter..... in. to..... ft. Casing height above land surface 24 in. Weight..... lbs./ft. Wall thickness or gauge 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 Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 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 20 ft. to 35 ft. From..... ft. to..... ft. From..... ft. to..... ft.

GRAVEL PACK INTERVALS: From 35 ft. to 19 ft. From..... ft. to..... ft. From..... ft. to..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other..... Grout Intervals: From 0 ft. to 17 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 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Old Air Spares Pines

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: Sec 2055

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) 12-6-06 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) 1-10-07 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.



PROJECT NUMBER 350383	BORING NUMBER SV-PZ-06
SHEET 1 OF 1	
SOIL BORING LOG	

PROJECT : Dow Unison System Optimization	LOCATION : Kansas City, Kansas
ELEVATION : 744.13 amsl	DRILLING CONTRACTOR : PSA Environmental
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6600 Rig	LOGGER : Glynn Roberts
WATER LEVELS : ~27 feet bgs	START : 12/06/06 13:00 END : 12/06/06 13:30

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
						SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
						OVM (ppm): Breathing Zone Sample Interval	
	0-5'	36"	GP	-	0 Gravel 0.75' SILT (ML) 1' CLAY (CH) 1.1' SILT (ML) 2.5' CLAY (CH)	-- --	
5	5-10'	60"	GP	-	5.5' LEAN CLAY (CL) seam from 5.5'-5.8' 6' SILT (ML), brown	-- --	
10	10-15'	60"	GP	-	8' LEAN CLAY (CL), brown 9.5' SILT (ML), brown 11' LEAN CLAY (CL), brown	-- --	
15	15-20'	60"	GP	-	12' FAT CLAY (CH), brown 12.5' LEAN CLAY (CL), brown 13' SILT (ML), brown 15' LEAN CLAY (CL), brown	-- --	
20	20-25'	36"	GP	-	17' FAT CLAY (CH), brown 17.3' LEAN CLAY (CL), brown 18' SILT (ML), brown 19.5' SAND (SP), brown, dry	-- --	
25	25-30'	48"	GP	-	27.0' Wet	-- --	
30						Boring terminated at 30 feet bgs	

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