

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

AS-103

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 W. Distance and direction from nearest town or city street address of well if located within city? KC, KS 66115 1/2 Block North of Funston & Brinkerhoff Rd. 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: [Grid with X in SW corner] 4 DEPTH OF COMPLETED WELL: 58.0' ft. Depth(s) Groundwater Encountered (1) 29.68 ft. (2) ... (3) ... WELL'S STATIC WATER LEVEL: 29.68 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) Air Sparging, 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, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought Iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other (specify below), CASING JOINTS: Glued, Clamped, Welded, Threaded X. Blank casing diameter 2.1 in. to 5.7 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 2.4 in., Weight lbs./ft., Wall thickness or gauge No. Sch. 40. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel, 2 Brass, 3 Stainless Steel, 4 Galvanized Steel, 5 Fiberglass, 6 Concrete tile, 7 PVC, 8 RM (SR), 9 ABS, 10 Asbestos-Cement, 11 Other (Specify), 12 None used (open hole). SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot, 2 Mill slot, 3 Gauzed wrapped, 4 Torch cut, 5 Drilled holes, 6 None (open hole), 7 Louvered shutter, 8 Key punched, 9 Wire wrapped, 10 Saw Cut, 11 Other (specify). SCREEN-PERFORATED INTERVALS: From 5.7 ft. to 58 ft., From ... ft. to ... ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 5.8 ft. to 56 ft., From 5.6 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 53 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) Old Air Sparging Point, 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. Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: Sec 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) 12-5-06 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.



CH2MHILL

PROJECT NUMBER 350383	BORING NUMBER AS-103	SHEET 2 OF 2
SOIL BORING LOG		

PROJECT : Dow Unison System Optimization LOCATION : Kansas City, Kansas
 ELEVATION : 747.65 feet amsl DRILLING CONTRACTOR PSA Environmental
 DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6600 Rig
 WATER LEVELS : Not observed START : 12/05/06 8:45 END : 12/05/06 11:57 LOGGER : Glynn Roberts

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	RECOVERY (IN)					
30-35	NS	GP	-			
35-40	NS	GP	-			
40-45	36"	GP	-		40' SAND (SP), fine-grained, gray, wet	
45-50	48"	GP	-		45' SILT (ML), gray, wet	
50-55	60"	GP	-		47.5' FAT CLAY (CH), gray, wet 48' SAND (SP), medium-grained, gray, wet 48.2' Clay seam	
55-60	60"	GP	-		50' SAND (SP), coarse-grained, gray, black sand seam and trace coal at top of sample interval, wet 55' Brown and gray 57' SANDY-CLAY (CL), wet 57.5' FAT CLAY (CH) with gravel, wet 57.7' SAND (SP), coarse-grained, brown and gray, wet 58' FAT CLAY (CH), gray, wet 58.3' SAND (SP), brown and gray, wet 58.8' FAT CLAY (CH), gray, wet 59.9' SAND (SP), coarse-grained, trace gravel, wet	

Boring terminated at 60 feet bgs

GP = Geoprobe
 NS = Not Sampled
 amsl = above mean sea level
 bgs = below ground surface