

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

AS-104

1 LOCATION OF WATER WELL: County: <u>Wagonette</u>	Fraction <u>SW 1/4 SW 1/4 SW 1/4</u>	Section Number <u>27</u>	Township Number <u>T 10 S</u>	Range Number <u>R 25 W</u>
--	---	-----------------------------	----------------------------------	-------------------------------

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

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

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: _____
Longitude: _____
Elevation: _____
Datum: _____
Data Collection Method: _____

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

N

--NW--	--NE--		
--SW--	--SE--		
X			

S

4 DEPTH OF COMPLETED WELL 54.0 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL... 30.27 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 Sparger

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: 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 1.125 in. to 5.31 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 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 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 5.3 ft. to 5.4 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 5.4 ft. to 5.2 ft., From ft. to ft.
From 5.2 ft. to 4.9 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 4.9 ft., From ft. to ft., From ft. to ft.

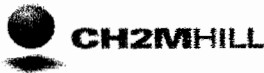
What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Old Air Sparger Wells

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>See Logs</u>			

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) 12-4-06 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) [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
AS-104

SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Dow Unison System Optimization

LOCATION : Kansas City, Kansas

ELEVATION : 748.53 feet amsl

DRILLING CONTRACTOR PSA Environmental

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6600 Rig

WATER LEVELS : Not observed

START : 12/04/06 14:00

END : 12/04/06 15:47

LOGGER : Glynn Roberts

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)			STANDARD PENETRATION TEST RESULTS 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
	RECOVERY (IN)	#/TYPE				
0-5'	NS	GP		-		
5-10'	NS	GP		-		
10-15'	NS	GP		-		
15-20'	NS	GP		-		
20-25'	NS	GP		-		
25-30'	NS	GP		-		

0-40' Not Logged



CH2MHILL

PROJECT NUMBER 350383	BORING NUMBER AS-104	SHEET 2 OF 2
SOIL BORING LOG		

PROJECT : Dow Unison System Optimization LOCATION : Kansas City, Kansas
 ELEVATION : 748.53 feet amsl DRILLING CONTRACTOR PSA Environmental
 DRILLING METHOD AND EQUIPMENT USED : Geoprobe 8600 Rig
 WATER LEVELS : Not observed START : 12/04/06 14:00 END : 12/04/06 15:47 LOGGER : Glynn Roberts

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		RECOVERY (IN) #/TYPE	STANDARD PENETRATION TEST RESULTS 6"-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 Headspace						
30-35'	NS	GP	--		--	--	
35-40'	NS	GP	--				
40-45'	48"	GP	--	4' SAND (SP), brown and gray, wet	0	0	
45-50'	60"	GP	--		0	0	
50-55'	60"	GP	--		0	0	
55'				54' SANDY-CLAY (CL), gray			

Boring terminated at 55 feet bgs

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