

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Wyandotte</u>		Fraction: <u>NW 1/4 SE 1/4 NE 1/4</u>	Section Number: <u>27</u>	Township Number: <u>T 11 S</u>	Range Number: <u>R 25 E</u>	
Distance and direction from nearest town or city street address of well if located within city? <u>340 Southwest Blvd. Kansas City, KS</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>N 39 04.159</u> Longitude: <u>W 094 36.788</u> Elevation: <u>542</u> Datum: _____ Data Collection Method: <u>GPS</u>			
2 WATER WELL OWNER: <u>Bunge North America Inc</u> RR#, St. Address, Box #: <u>11720 Borman Dr</u> City, State, ZIP Code: <u>St. Louis, MO 63146</u>						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W E S A 3x3 grid with 'X' in the center (SE).		4 DEPTH OF COMPLETED WELL <u>24.25</u> ft. Depth(s) Groundwater Encountered (1) <u>4.54</u> ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL _____ 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 <u>N/A</u> Water well disinfected? Yes _____ No <u>X</u>				
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 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass <u>Threaded</u> Blank casing diameter <u>2</u> in. to <u>4.25</u> ft. Diameter _____ in. to _____ ft. Diameter _____ in. to _____ ft. Casing height above land surface <u>0</u> in. Weight _____ lbs./ft. Wall thickness or gauge No. <u>Sch 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 <u>3 Mill slot</u> 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>4.25</u> ft. to <u>24.25</u> ft. From _____ ft. to _____ ft. From <u>3.25</u> ft. to <u>24.25</u> ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.						
6 GROUT MATERIAL: 1 Neat cement <u>2 Cement grout</u> <u>3 Bentonite</u> 4 Other _____ Grout Intervals: From _____ ft. to <u>3.25</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 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 <u>12 Fertilizer Storage</u> 15 Oil well/gas well Direction from well? <u>North</u> How many feet? <u>250</u>						
FROM	TO	LITHOLOGIC LOG		FROM	TO	PLUGGING INTERVALS
		<u>See attached</u>				
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>10-2-07</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>759</u> This Water Well Record was completed on (mo/day/year) <u>10-19-07</u> under the business name of <u>RAZEK Environmental, LLC</u> by (signature) <u>Amber J. Paul</u>						
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline and 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 .						

Drilling Log

Project Name BUNGE - KATY		Project Number 45760		Boring Number K-MW-116	
Ground Elevation		Location KATY ELEVATOR RCK		Page 1	
Air Monitoring Equipment PID/LEL/O₂				Total Footage 24.25	
Drilling Type DIRECT-PUSH	Hole Size 2"	Overburden Footage 24	Bedrock Footage 0.25	No. of Samples —	No. of Core Boxes —
Drilling Company RAZER			Driller(s) TONY POULTER SCOTT FARRIS		
Drilling Rig GEOPRONE 6620 DT			Type of Sampler MACROCORE		
Date 10/2/07		To 10/2/07		Field Observer(s) RUSTY PARKHURST	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	Sand & Gravel fill, clay, dark yellowish brown (10YR 4/4), moist to wet, medium plasticity, medium to soft consistency				0910					
2										
3										
4										
5	SAND, medium to coarse grained, brown (10YR 4/3), wet, poorly graded	CL		1.4 5.0	0912		0	0	0	LEL 0% O ₂ 20.9%
6										
7										
8										
9	SAND, trace clay, dark gray (5Y 4/1) to very dark gray (5Y 3/1), wet, poorly graded	SP		2.4 5.0	0912		0	0	0	LEL 0% O ₂ 20.9%
10										
11										
12										
13										
14										

BZ=Breathing Zone BH=Bore Hole S=Sample

051601 Form WCD-2-1

Drilling Log Continuation

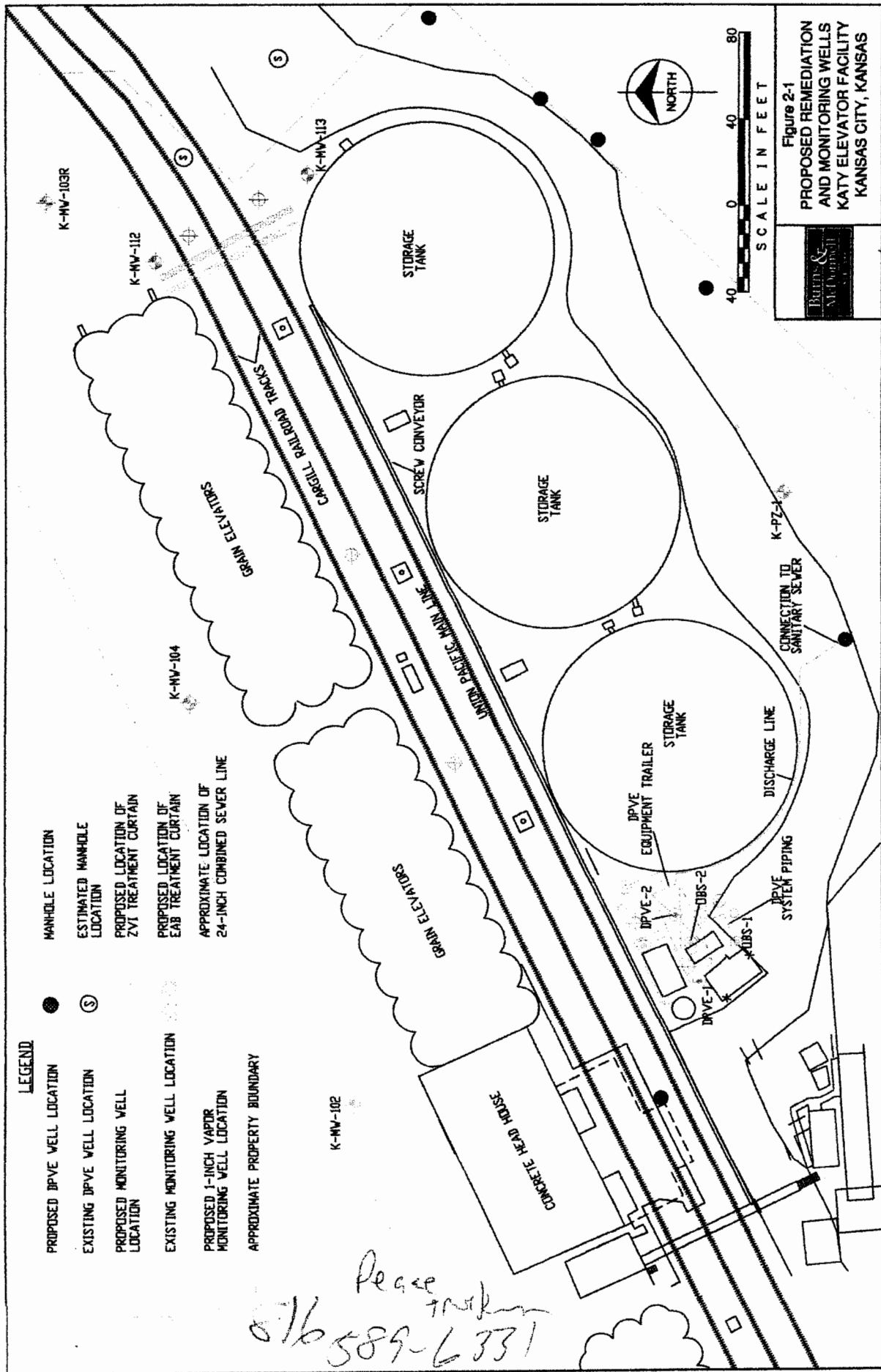
Project Name BUNGE - KATY							Boring Number K-MW-116			
Project Number 45760							Page 2			
							Date 10/1/07			
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
15		SP		3.3/5.0	0420		0	0	0	LEL 0% O ₂ 20.9%
16										
17										
18										
19										
20				1.1/5.0	0926		0	0	0	LEL 0% O ₂ 20.9%
21										
22	CLAY, very dark gray (ST 3/1), wet, high plasticity, soft	CH								
23	SAND, dark gray (ST 4/1), wet, poorly graded	SP								
24	CLAY, very dark gray to black, high plasticity, soft	CH								
	LIMESTONE, strong, gray	LS		2.8/5.0	0732		0	0	0	LEL 0% O ₂ 20.9%
25	REFUSAL @ 24.25'									
26										
27										
28										
29										
30										

BZ=Breathing Zone

BH=Bore Hole

S=Sample

051801 Form WCD-KC-2-2



N39 04.159 Elev. 542
 W094 36.788 Wyandotte County