

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Riley		SW ¼ SW ¼ NW ¼		1		T 11 S		R 7 E	
Distance and direction from nearest town or city street address of well if located within city? 2850 West 32 nd Ave., Manhattan, KS									
2 WATER WELL OWNER: Kansas State University Attn: Kelly Greene									
RR#, St. Address, Box # : 108 Edwards Hall Board of Agriculture, Division of Water Resources									
City, State, ZIP Code : Manhattan, KS 66505 Application Number:									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 30 ft. ELEVATION: 1034.42							
		Depth(s) Groundwater Encountered 1.5 24.5 ft. 2 ft. 3 ft.							
		WELL'S STATIC WATER LEVEL 24.28 ft. below land surface measured on mo/day/yr 03/13/13							
		Pump test data: Well water was Ft. after hours pumping Gpm							
		Est. Yield Gpm: Well water was Ft. after Hours pumping Gpm							
		Bore Hole Diameter 8.5 in. to 30 ft. and in. to Ft.							
		WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well							
		1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)							
		2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well MW-2							
		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 BLANK 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 2 in. to 20 Ft., Dia in. to ft., Dia in. to ft.									
Casing height above land surface FLUSH in., weight SCH 40 Lbs./ft. Wall thickness or gauge No.									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)									
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)									
SCREEN OR PERFORATION OPENINGS ARE:									
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)									
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes									
7 Torch cut 10 Other (specify)									
SCREEN-PERFORATED INTERVALS: From 20 ft. to 30 ft. From ft. to ft. From ft. to ft. From ft. to ft.									
SAND PACK INTERVALS: From 18 ft. to 30 ft. From ft. to 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 2 0.5 ft. to 16 From 3 16 to 18 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 14 Abandoned water well									
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/ Gas well									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)									
13 Insecticide storage Contaminated Site									
Direction from well? How many feet?									
FROM TO CODE LITHOLOGIC LOG FROM TO PLUGGING INTERVALS									
0 1 Soil									
1 21.5 Clayey Silt									
21.5 23 Silty Clay									
23 24 Clayey Silt									
24 30 Sand									
30 TD End of Borehole									
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (x) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and w									
Completed on (mo/day/yr) 03/12/13 And this record is true to the best of my knowledge and belief. Kansas									
Water Well Contractor's License No. 585 This Water Well Record was completed on (mo/day/yr) 09/12/13									
under the business name of Associated Environmental, Inc. By (signature) Bradley J. Johnson									
INSTRUCTIONS: Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									

SMH CONSULTANTS

April 2, 2013

Associated Environmental, Inc.
Brad Johnson
404 Pottawatomie
Manhattan, KS 66502
Email: H2OGuys@sbcglobal.net

RE: Project No. 1303MN1065

Dear Brad:

The following is the information requested on a Monitoring Well Site, KSU Ashland Bottoms, 2850 West 32nd Avenue, Manhattan, Riley County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.I West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	NAD - 83 Latitude North	Longitude West
SE Corner S.1-T11S-R7E	10000	10000						
MW1	12740.71	5250.63	2740.71	4749.37	1034.85	1034.28	39.12450	96.61364
MW2	12782.47	5286.16	2782.47	4713.84	1034.42	1033.91	39.12458	96.61358
MW3	12824.41	5256.73	2824.41	4743.27	1034.30	1033.88	39.12472	97.09222
MW4	12733.20	5300.11	2733.20	4699.89	1034.77	1034.31	39.12447	96.61353
MW5	12750.76	5157.60	2750.76	4842.40	1035.24	1034.69	39.12450	96.61403
MW6	12670.03	5247.14	2670.03	4752.86	1035.26	1034.87		
Site BM	12735.95	5230.51	2735.95	4769.49		BM Elevation = 1035.54		

BM Description: "□" Square cut on northwest corner of concrete pump island.

MW1, MW2, MW3, MW4, MW5, MW6 are in the:

SE¼ SW¼ SW¼ NW¼ S.1-T11S-R7E

If you have any questions please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.
SMH CONSULTANTS