

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>JOHNSON</u>		<u>NE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$	<u>1</u>	T <u>12</u> S	R <u>23</u> <u>EW</u>
Distance and direction from nearest town or city street address of well if located within city?					
2 WATER WELL OWNER: <u>JOHNSON CO. LANDFILL</u>					
RR#, St. Address, Box #: <u>18181 W 53RD</u>				Board of Agriculture, Division of Water Resources	
City, State, ZIP Code: <u>SHAWNEE, KS 66217</u>				Application Number:	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>60</u> ft. ELEVATION: <u>GL 918.985</u>			
		Depth(s) Groundwater Encountered <u>1</u> <u>20'</u> ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL <u>20</u> 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			
Bore Hole Diameter: <u>7 1/2</u> in. to <u>61</u> ft., and in. to ft.		WELL WATER TO BE USED AS:			
1 Domestic		3 Feedlot	6 Oil field water supply	9 Dewatering	12 Other (Specify below)
2 Irrigation		4 Industrial	7 Lawn and garden only	<u>10</u> Monitoring well <u>MW 24</u>	
Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> ; If yes, mo/day/yr sample was submitted					
Water Well Disinfected? Yes No <u>X</u>					
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
<u>2</u> PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
			7 Fiberglass		Threaded <u>X</u>
Blank casing diameter <u>2</u> in. to <u>54.5</u> ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface <u>24</u> in., weight lbs./ft. Wall thickness or gauge No. <u>3CH 40</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass		4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify)
					12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot		<u>3</u> 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 <u>54.5</u> ft. to <u>60</u> ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>52.5</u> ft. to <u>61</u> ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <u>CEMENT-BENTONITE</u>					
Grout Intervals: From <u>1</u> ft. to <u>49.5</u> ft., From <u>49.5</u> ft. to <u>52.5</u> 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	<u>16</u> Other (specify below)
				13 Insecticide storage	<u>MSWLF</u>
Direction from well? <u>SOUTH</u>					
How many feet? <u>~200</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>11</u>	<u>FILL, rubble, fine-v. coarse, w/cobbles, poorly sorted.</u>	<u>43.5</u>	<u>47.59</u>	<u>to grey, OLIVERA SHALE MEMBER</u>
<u>11</u>	<u>13</u>	<u>MUDSTONE, tan, thick bedded</u>			<u>MUDSTONE, H gray, modular 1-3 mm, grading to black-green, interbedded</u>
		<u>PAOLA L.S. MEMBER</u>			<u>SHALE to thick bedded MUDSTONE.</u>
<u>13</u>	<u>20</u>	<u>SHALE, brown, plastic, moist, & weathered.</u>	<u>47.59</u>	<u>54.67</u>	<u>UPPER WESTERVILLE L.S. MEMBER</u>
<u>20</u>	<u>26</u>	<u>SHALE, grey, laminated, fresh, moderately soft. CHANUTE FM</u>			<u>SHALE, grey, laminated, mod soft, argillaceous, grades to black, lime stones interbeds, thin bedded</u>
<u>26</u>	<u>35.59</u>	<u>WACKESTONE, lt grey, med-thick bedded, wavy, fl. weath. along bedding plane. D 33' moderately foss. DRUM FM L.S.</u>	<u>54.67</u>	<u>59.13</u>	<u>WESTERVILLE L.S. MEMBER</u>
					<u>MUDSTONE grading to WACKESTONE, red to thick bedded, grey, shaley.</u>
<u>35.59</u>	<u>43.5</u>	<u>SHALE, green-black, mottled, soft, laminated, argillaceous, grading to black w/mudseams, & nodules</u>	<u>59.13</u>	<u>61.34</u>	<u>LOWER WESTERVILLE L.S. MEMBER</u>
					<u>SHALE black laminated, mod soft, WEA SHALE MEMBER</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) <u>9-20-94</u> and this record is true to the best of my knowledge and belief. Kansas					
Water Well Contractor's License No. <u>483</u> This Water Well Record was completed on (mo/day/yr) <u>1-18-95</u>					
under the business name of <u>TOTAL ENVIRONMENTAL SERVICES & TECHNOLOGIES</u> by (signature) <u>[Signature]</u>					