

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

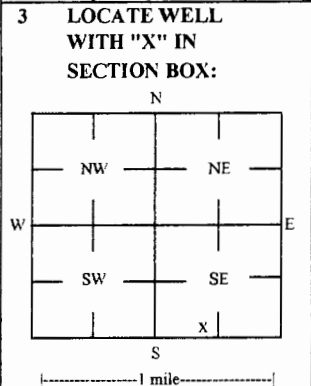
Well ID

MW16

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Russell Fraction SE 1/4 SE 1/4 SW 1/4 SE 1/4 Section Number 27 Township Number T 13 S Range Number R 14 E W

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: Business: Kansas Department of Health & Environment Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612



4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 6.9 ft X below land surface, measured on (mo-day-yr) 4/25/17

5 Latitude: 38.88569 (decimal degrees) Longitude: 98.85919 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper

6 Elevation: 1840.42 ft Ground Level: X TOC Source: X Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW16 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery Injection 10 Oil Field Water Supply: lease 11 Test Hole: well ID Cased Uncased Geotechnical 12 Geothermal: How many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 5 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.23 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 5 ft. to 15 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 15 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 3 ft. From ft. to ft. From ft. to ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify): Direction from well? NE Distance from well? ~225 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1.2 Concrete, 1.2-3.5 Silty clay with rubble, gravel, & brick, 3.5-7 Silty clay with gravel, 7-15 Siltstone and sandstone.

Notes: KDHE ID: Thrift Station: U6-084-00718

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 4/4/17 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 5/15/17 under the business name of Larsen & Associates, Inc. Signature

# SMH CONSULTANTS

April 27, 2017

Larsen & Associates, Inc.  
 Jessica Chapman  
 1311 East 25<sup>th</sup> Street, Suite B  
 Lawrence, Kansas 66046  
 Email: Jess@larsenenvironmental.com

RE: Project No. 1704MN1106

Jessica:

The following is the information requested on a Monitoring Well Site, Thrift Station, 211 East Wichita, Russell, Russell County, Kansas.

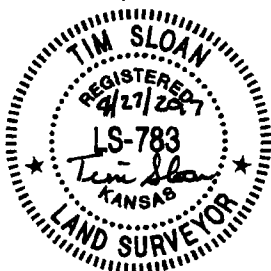
Point	North Coord.	East Coord.	Distance SE Cor. North	From S.27 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.27-T13S-R14W	10000	10000						
MW14	9968.74	8515.44	-31.26	1484.56	1840.24	1839.91	38.88545	98.85966
MW15	9880.29	8675.62	-119.71	1324.38	1839.88	1839.62	38.88521	98.85910
MW16	10055.26	8649.37	55.26	1350.63	1840.65	1840.42	38.88569	98.85919
Site BM	10103.13	8912.62	103.13	1087.38		BM Elevation = 1840.03		

BM Description: "+" cut at southwest corner of building.

MW14, MW15 are in the: NE¼ NE¼ NW¼ NE¼ S.34-T13S-R14W  
 MW16 is in the: SE¼ SE¼ SW¼ SE¼ S.27-T13S-R14W

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

Sincerely,



Tim Sloan, L.S.  
 SMH CONSULTANTS

RECEIVED  
 MAY 30 2017  
 BUREAU OF WATER