

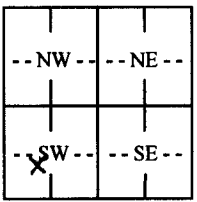
WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID

MW-38

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction SW 1/4 NE 1/4 SW 1/4 SW 1/4	Section Number 27	Township Number T 26 S	Range Number R 1 <input checked="" type="checkbox"/> E <input type="checkbox"/> 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: <input checked="" type="checkbox"/> Business: USD 259 School Service Center Address: 3850 N. Hydraulic Address: City: Wichita State: KS ZIP: 67219					
3 LOCATE WELL WITH "X" IN SECTION BOX: N  S W E 1 mile	4 DEPTH OF COMPLETED WELL: 32 ft. Depth(s) Groundwater Encountered: 1) 26.5 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 15.87 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 12/12/2016 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 3.6 in. to 34 ft. and in. to ft.	5 Latitude: N 37.7549539 (decimal degrees) Longitude: W 97.3150979 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:			
			6 Elevation: 1330.99 ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other		

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well ID MW-38 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted:
Water well disinfected? ☐ Yes ☒ No

8 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other **CASING JOINTS:** ☐ Glued ☐ Clamped ☐ Welded ☐ Threaded
 Casing diameter 1.5 in. to ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 0 in. Weight lbs./ft. Wall thickness or gauge No. 40
TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC ☐ Other (Specify)
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

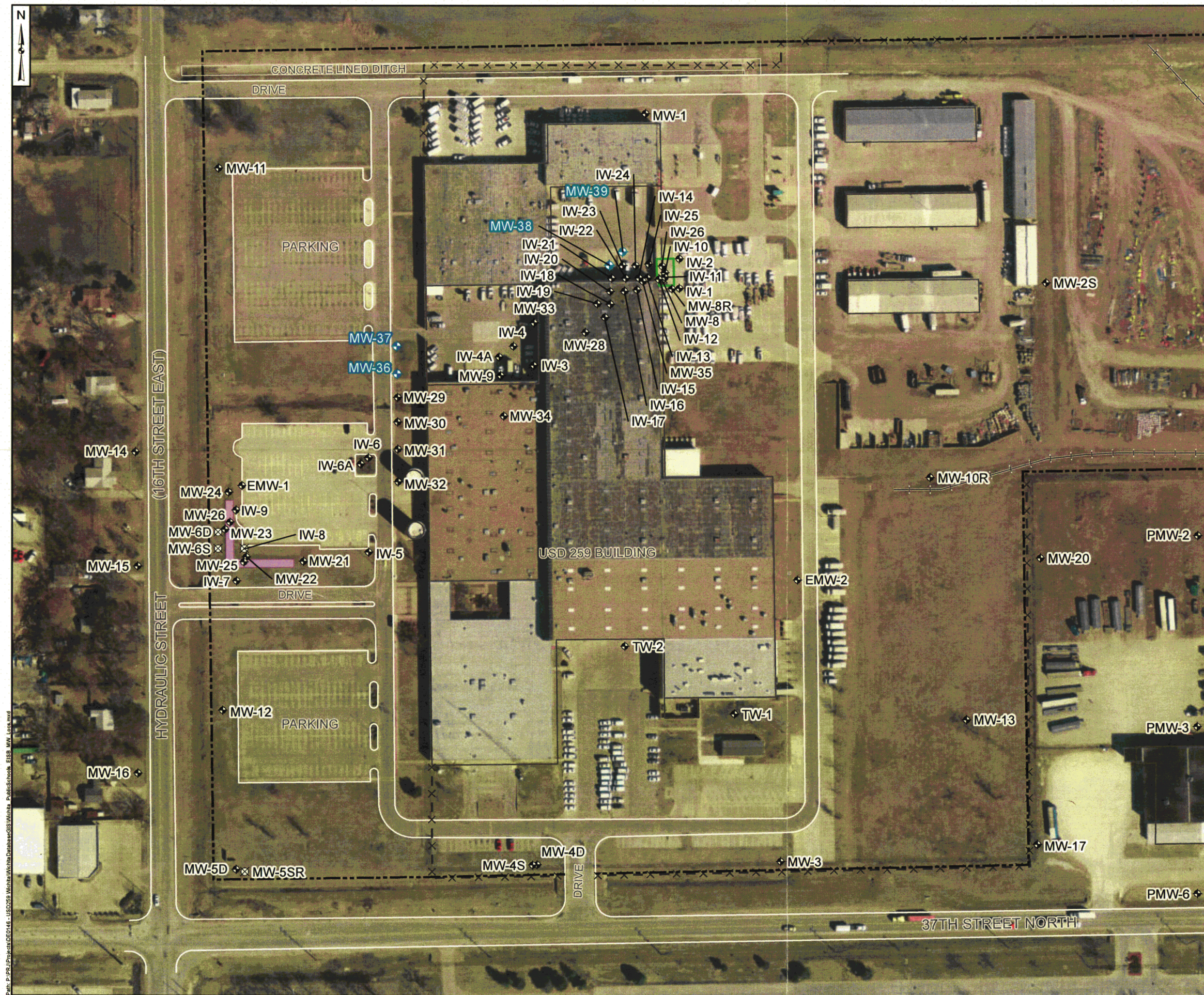
SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous Slot ☒ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify)
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)
SCREEN-PERFORATED INTERVALS: From .22 ft. to .32 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From .18 ft. to .34 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Bentonite Cement (1'-13')
 Grout Intervals: From 1 ft. to 13 ft., From 13 ft. to 18 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 ☐ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☒ Other (Specify) Former USTs
 Direction from well? East Distance from well? 80 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Concrete			
0.5	1	Fill			
1	26.5	Clay, dk brn to brn, trc fn snd & silt			
26.5	28.4	Sand, gry, fn to crs			
28.4	29	Siltstone, gry, weathered			
29	34	No recovery			

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 12-07-2016 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo-day-year) 01-04-2017
 under the business name of GSI Engineering, LLC Signature *[Signature]*



Legend

- New Monitoring Well Location (December 2016)
- Well Location
- Abandoned or Destroyed Well
- Former Excavation to Remove Underground Storage Tanks
- Permeable Reactive Barrier (PRB)
- Property Boundary

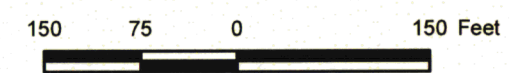
Notes:

- Site features, property boundaries, and well locations are approximate and are not of legal land survey.
- Some well locations were surveyed by Merestone Surveying, Nov. 7, 2014. Coordinate system is NAD83, KS South, State Plane Zone 1502, US Survey Foot format (refer to Table 2 for survey dates).
- Basemap source: Golder Associates, drawing titled: "Potentiometric Surface Elevation Map April 2013", dated August, 26, 2013, Figure Number 1, File No. 12384321, Revision 1 (Draft) and modified by Geosyntec in December 2014.
- Imagery source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
- Coordinate system is NAD83, KS South, State Plane Zone 1502, US Survey Foot format

Location	Easting	Northing
MW-36	1654563.51	1710614.96
MW-37	1654562.90	1710656.81
MW-38	1654882.30	1710779.08
MW-39	1654902.37	1710799.60

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JAN 09 2017

BUREAU OF WATER



New and Existing Monitoring Well Locations

USD259 School Service Center, Wichita, Kansas

Geosyntec
consultants

Guelph December 2016