

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW23

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Marion Fraction SW 1/4 SE 1/4 SW 1/4 SW 1/4 Section Number 34 Township Number T 19 S Range Number R 2 E W
2 WELL OWNER: Last Name: Wood First: Steve Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 200 East D St., Hillsboro, KS
3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the SW corner]
4 DEPTH OF COMPLETED WELL: 30 ft Depth(s) Groundwater Encountered: 1) 30 ft 2) NA ft 3) NA ft or 4) Dry Well
5 Latitude: 38.34848 (decimal degrees) Longitude: 97.20267 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper
6 Elevation 1420.67 ft Ground Level TOC Source Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS:
1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial
2 Public Water Supply: well ID
3 Dewatering: how many wells?
4 Aquifer Recharge: well ID
5 Monitoring: well ID MW23
6 Environmental Remediation: well ID
7 Air Sparge Soil Vapor Extractor Recovery Injection
8 Oil Field Water Supply: lease
9 Test Hole: well ID
10 Cased Uncased Geotechnical
11 Geothermal: How many bores?
12 a) Closed Loop Horizontal Vertical
13 b) Open Loop Surface Discharge Inj. of Water
14 Other (specify):

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 2 in. to 15 ft. Diameter in. to ft. Diameter in. to ft.
Casing height above land surface -0.38 in. Weight lbs./ft. Well thickness or gauge No
TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify)
SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
SCREEN-PERFORATED INTERVALS: From 15 ft. to 30 ft. From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 13 ft. to 30 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5'
Grout intervals: From 0.5 ft. to 13.90 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 Fuel Storage Abandoned Water Well
Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well
Other (Specify):
Direction from well? SW Distance from well? ~140 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-1 Fill & soil, 1-5 Clay, 5-6 Silty clay, 6-19 Clay, 19-20 Weathered shale, 20-25 Clay w/ thin shale, 25-28 Weathered shale, 28-30 Shale w/ clay. Note: Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

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) 10/17/17 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) 11/9/17 under the business name of Larsen & Associates, Inc. Signature [Signature]

SMH CONSULTANTS

November 2, 2017

Blackstone Environmental
Lindsay E. James, R.G.
9153 West 133rd Street
Overland Park, Kansas 66213
Email: ljames@blackstone-env.com

RE: Project No. 1709MN1276

Dear Lindsay:

The following is the information requested on a Monitoring Well Site, MB Foundation, 200 East D Street, Hillsboro, Marion County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.34 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.34-T19S-R02E	10000	10000						
MW4R	5098.66	678.50	98.66	4321.50	1420.61	1420.28	38.34827	97.20273
MW14R	5132.12	539.76	132.12	4460.24	1420.40	1420.18	38.34836	97.20322
MW17R	5064.13	558.25	64.13	4441.75	1419.64	1419.40	38.34817	97.20315
MW21R	5044.77	650.30	44.77	4349.70	1420.37	1420.14	38.34812	97.20283
MW22	5062.59	686.77	62.59	4313.23	1420.38	1420.11	38.34817	97.20270
MW23	5177.45	696.62	177.45	4303.38	1421.05	1420.67	38.34848	97.20267
Site BM	5044.23	552.76	44.23	4447.24		BM Elevation = 1420.04		

BM Description: "□" Square cut on southwest corner of sign base at southwest corner of site.

MW4R, MW14R, MW17R, MW21R, MW22, MW23 are: SW¼ SE¼ SW¼ SW¼ S.34-T19S-R02E

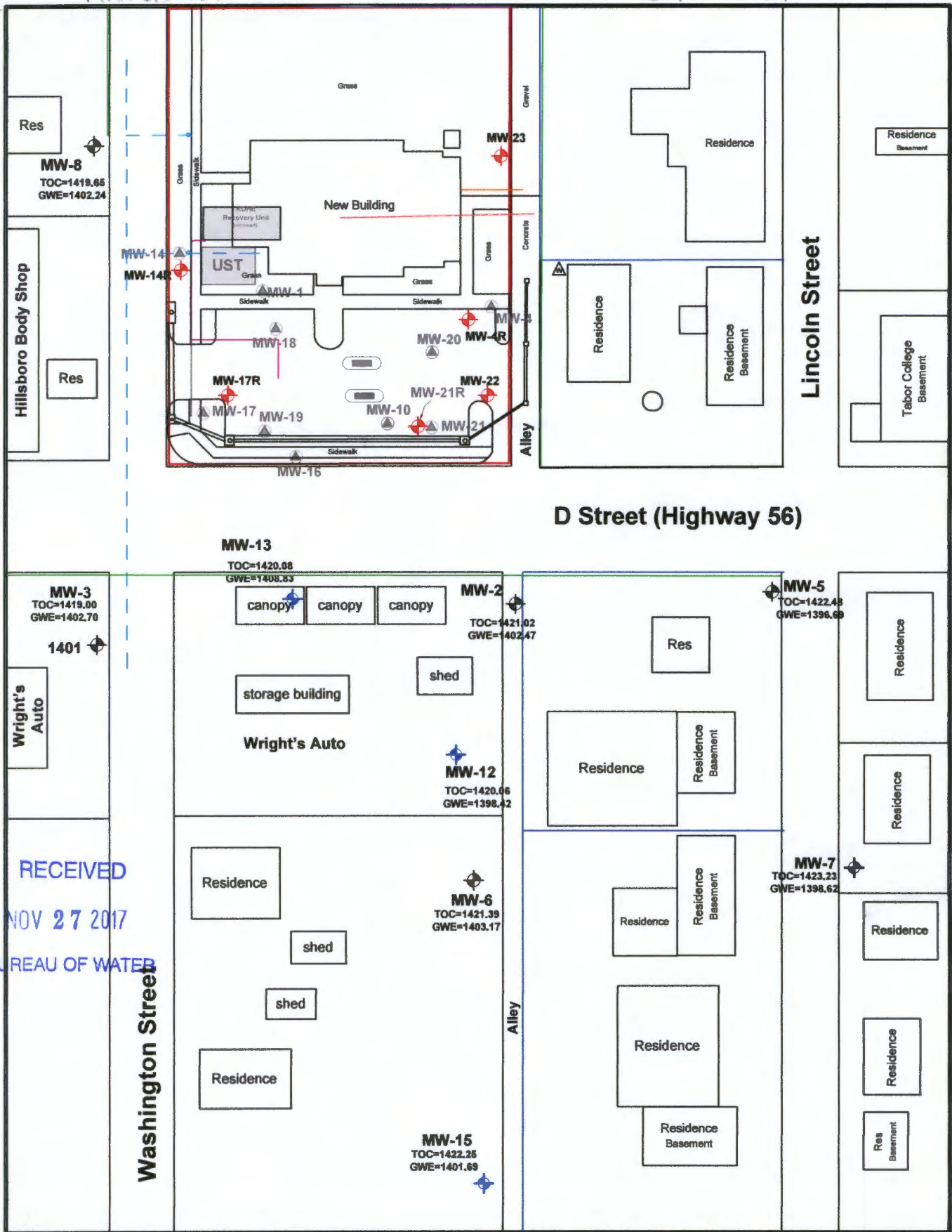
If you have any questions please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.
SMH CONSULTANTS

RECEIVED
NOV 27 2017
BUREAU OF WATER



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BUREAU OF WATER

Location of former product piping not available.

<ul style="list-style-type: none"> UST Basin - Removed Pump Islands - Removed Monitoring Well Gauge Only Well Plugged Monitoring Well Lawn & Garden Well (NOT IN SERVICE) 	<ul style="list-style-type: none"> Proposed Replacement Monitoring Well Property Boundary Recovery Line (REMOVED) Fence Line Water Line Overhead Power Lines Sanitary Sewer Line Underground Telephone Line 	<p>50 FEET</p> <p>Groundwater values and contours are expressed in AMSL (Above Mean Sea Level) Contour Interval = 3 feet</p>	<p>CLIENT: Prime Time # 124</p> <p>LOCATION: 200 East D Street, Hillsboro, KS</p> <p>KDHE Project Code No.: US-057-10450</p>	<p>Figure 1</p> <p>MB Foundation Property Map</p> <p>August 2017</p>
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