

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

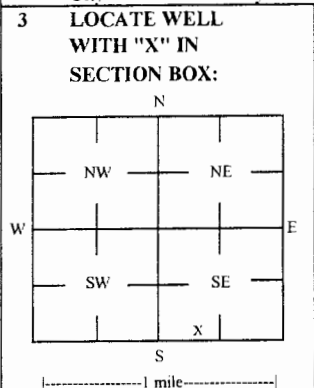
Well ID

MW6

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Ellis Fraction SW 1/4 SE 1/4 SW 1/4 SE 1/4 Section Number 32 Township Number T 13 S Range Number R 18 E X W

2 WELL OWNER: Last Name: Business: Fort Hays State University Address: 411 Lyman City Hays State KS ZIP:



4 DEPTH OF COMPLETED WELL: 23 ft Depth(s) Groundwater Encountered: 1) 23 ft 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: 12.74 ft

5 Latitude: 38.87077 (decimal degrees) Longitude: 99.34309 (decimal degrees) Horizontal Datum: X WGS 84

7 WELL WATER TO BE USED AS: 1 Domestic: 2 Irrigation: 3 Feedlot: 4 Industrial: 5 Public Water Supply: well ID: 6 Dewatering: how many wells?: 7 Aquifer Recharge: well ID: 8 Monitoring: well ID MW6

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

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 10 ft. Diameter in. to ft. Casing height above land surface -0.32 in. Weight lbs./ft. Well thickness or gauge No

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 8 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

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Topsoil, clayey silt, Clayey silt, Silt, Silt, increasing fine sand, Sand, fine, with some sand silt/silty clay lenses.

Notes: KDHE ID: Fort Hays State University Power Plant; U6-026-14679 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) 6/13/17 and this record is true to the best of my knowledge and belief.

# SMH CONSULTANTS

June 28, 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. 1706MN1174

Jessica:

The following is the information requested on a Monitoring Well Site, Fort Hays State University Power Plant, 411 Lyman Street, Hays, Ellis County, Kansas.

Point	North Coord.	East Coord.	Distance SW Cor. North	From S.32 East	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SW Corner S.32-T13S-R18W	10000	10000						
MW1	10062.98	13354.53	62.98	3354.53	1988.48	1988.09	38.87087	99.34330
MW2	10131.10	13380.69	131.10	3380.69	1989.19	1988.89	38.87106	99.34321
MW3	10054.91	13522.35	54.91	3522.35	1988.33	1988.13	38.87084	99.34272
MW4	10268.30	13269.71	268.30	3269.71	1990.82	1990.26	38.87144	99.34360
MW5	10040.07	13306.50	40.07	3306.50	1988.06	1987.72	38.87081	99.34347
MW6	10027.19	13415.01	27.19	3415.01	1986.79	1986.47	38.87077	99.34309
Site BM	10031.69	13402.12	31.69	3402.12		BM Elevation = 1989.99		

BM Description: "□" Square cut on light pole base #639.

MW1, MW2, MW3, MW5, MW6 are in the: SW¼ SE¼ SW¼ SE¼ S.32-T13S-R18W  
 MW4 is in the: SE¼ SW¼ SW¼ SE¼ S.32-T13S-R18W

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

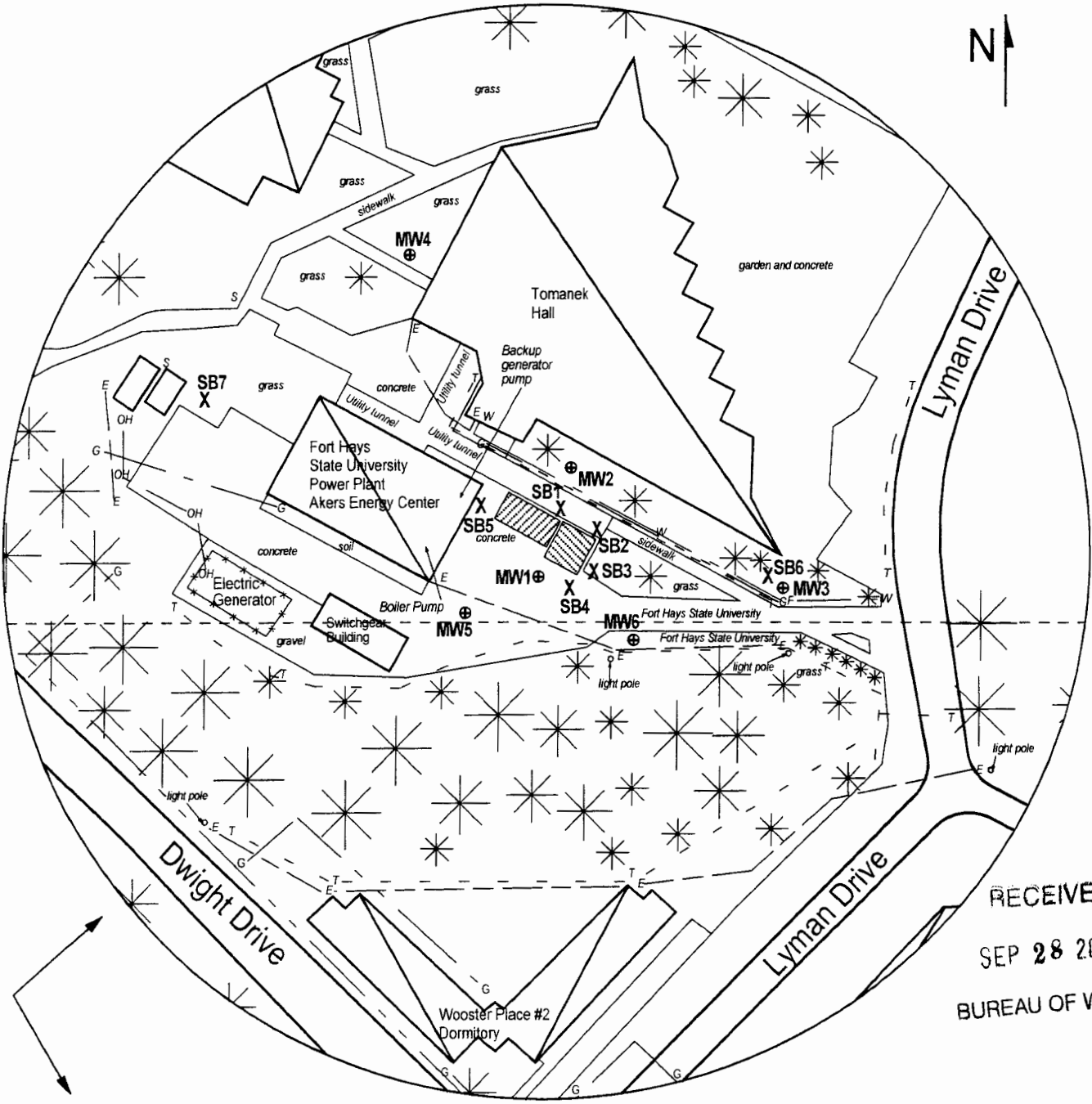
Sincerely,



Tim Sloan, L.S.  
 SMH CONSULTANTS

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 BUREAU OF WATER

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.



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 BUREAU OF WATER

Estimated Groundwater  
 Flow Direction

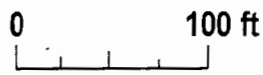
FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP

**LEGEND:**

- Approximate Location of Former UST Basin
- Approximate Location of Active UST Basin
- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 6/13-14/17)
- Soil Boring (Drilled 6/14-15/17)
- Sewer Cover
- Electric Lines (2 - 6 ft BGS)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)



**PROJECT:**  
 Fort Hays State University  
 Power Plant  
 411 Lyman St.  
 Hays, KS  
 KDHE ID: U6-026-14679  
 Date: 6/26/17



1311 E 25th St., Suite B (785) 841-8707 office  
 Lawrence, KS 66046 (785) 865-4282 fax

NOTE: Utility depths, heights and locations are approximate.