

☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

NK MW I]

[illegible]

Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114

October 6, 2016
Job # 16-09-240
Page 1 of 5

**SURVEYING OF MONITORING WELLS
KDHE - West Pawnee Site - 93671
2559 W. Pawnee
WICHITA, SEDGWICK COUNTY, KANSAS**

The above site is located in Section 1 of T28S, R1W & Sections 5 & 6 of T28S, R1E of the Sixth Principal Meridian, Sedgwick County, Kansas.

Horizontal Coordinates are in Nad83 State Plane Kansas South Zone 1502.
Coordinates are derived from the City of Wichita CORS Network.

Vertical Control #1: COW Brass Disk located in the East Right-of-Way of Meridian Ave. and the North Right-of-Way of 27th St. South NGVD29 Datum Elevation of 1287.02'....Utilizing NGS's "VERTCON" elevations were adjusted to NAVD88 Datum elevation of 1287.49'

Vertical Control #2: COW Brass Disk located on the Hubguard at the Southwest corner of the bridge over the Arkansas River on Pawnee Ave NGVD29 Datum Elevation of 1292.27'....Utilizing NGS's "VERTCON" elevations were adjusted to NAVD88 Datum elevation of 1292.74'

The coordinates and elevations for the requested wells are listed on the following page of this report.



Brian L. Peltier
Kansas PS#1517

**SURVEYING OF MONITORING WELLS
KDHE - West Pawnee Site - 93671
2559 W. Pawnee
WICHITA, SEDGWICK COUNTY, KANSAS**

Well ID	NORTHING (NAD83 KS S) Latitude DD	EASTING (NAD83 KS S) Longitude DD	ELEV (NAVD88)	
Site BM #1 City Brass Disk	1670256.59 N37.64421	1639299.19 W97.37069	1287.49	Site Control
Site BM #2 City Brass Disk	1672995.97 N37.65150	1646064.63 W97.34721	1292.74	Site Control
NKMW-01S	1672811.37 N37.65124	1638789.04 W97.37235	1289.87 1290.17	TOC Bolt
NKMW-01I	1672811.10 N37.65124	1638784.85 W97.37236	1289.75 1290.18	TOC Bolt
NKMW-01D	1672810.97 N37.65124	1638780.31 W97.37238	1289.97 1290.24	TOC Bolt
NKMW-02S	1672584.27 N37.65060	1639262.63 W97.37072	1289.55 1289.95	TOC Bolt
NKMW-02I	1672580.83 N37.65059	1639262.46 W97.37072	1289.60 1289.97	TOC Bolt
NKMW-02D	1672576.95 N37.65058	1639261.69 W97.37073	1289.56 1290.02	TOC Bolt
NKMW-03S	1672227.57 N37.64960	1639854.76 W97.36869	1288.11 1288.46	TOC Bolt
NKMW-03D	1672232.45 N37.64961	1639854.71 W97.36869	1288.14 1288.41	TOC Bolt

Sec. 6 T28S R1E
Sec. 1 T28S R1W

DRAFT

Path: \\bmcd\dfs\Clients\ENV\KDH\93671_WestPawnee\GIS\Studies\Geospatial\ArcDocs\Figure4_4_Piezo_Shallow_Wells_Map_103.mxd
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Legend

- West Pawnee Monitoring Well
- Air Capitol Monitoring Well
- LUST Monitoring Well
- Ice Masters Monitoring Well

Groundwater Flow Direction

1281

Piezometric Contour

0 250 500 Feet

Source: ESRI and Burns & McDonnell Engineering.

**BURNS
MCDONNELL**

Figure 4-4
Piezometric Surface Map (Shallow)
West Pawnee Site
ISL C2-087-73372
S. Meridian Ave & W. Pawnee Ave.
Wichita, Kansas