



# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

Jessica Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas, 66046

February 11, 2014

RE: Monitor Well Elevation Survey  
7<sup>th</sup> & Vermont along Railroad, Elwood, Kansas

Proj. 15-00C  
Dirt & Gravel Company  
U4-022-14614

Bench Mark: Railroad spike in power pole 150 feet West of 8<sup>th</sup> Street on South side of Vermont Street.  
Elev: 818.24      North 246      West 2704      (from SE Cor. Sec. 30-3-23E)

MW-1	rim	817.42	South	19	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	816.85	West	2570	Lat= 39.75539 Long = 94.88319
MW-2	rim	818.02	North	8	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	817.65	West	2453	Lat= 39.75546 Long = 94.88277
MW-3	rim	817.04	South	169	NW1/4,NW1/4,NW1/4,NE1/4 (Sec. 31-3-23)
	top pipe	816.74	West	2511	Lat= 39.75498 Long = 94.88298
MW-4	rim	815.86	North	81	SE1/4,SE1/4,SE1/4,SW1/4
	top pipe	815.54	West	2648	Lat= 39.75566 Long = 94.88347
MW-5	rim	816.33	North	71	SW1/4,SW1/4,SW1/4,SE1/4
	top pipe	816.00	West	2520	Lat= 39.75564 Long = 94.88301

Lat & Long derived from Wathena 7.5' quad map. NAVD 27

Elevation established from USGS BM N 106.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service.



