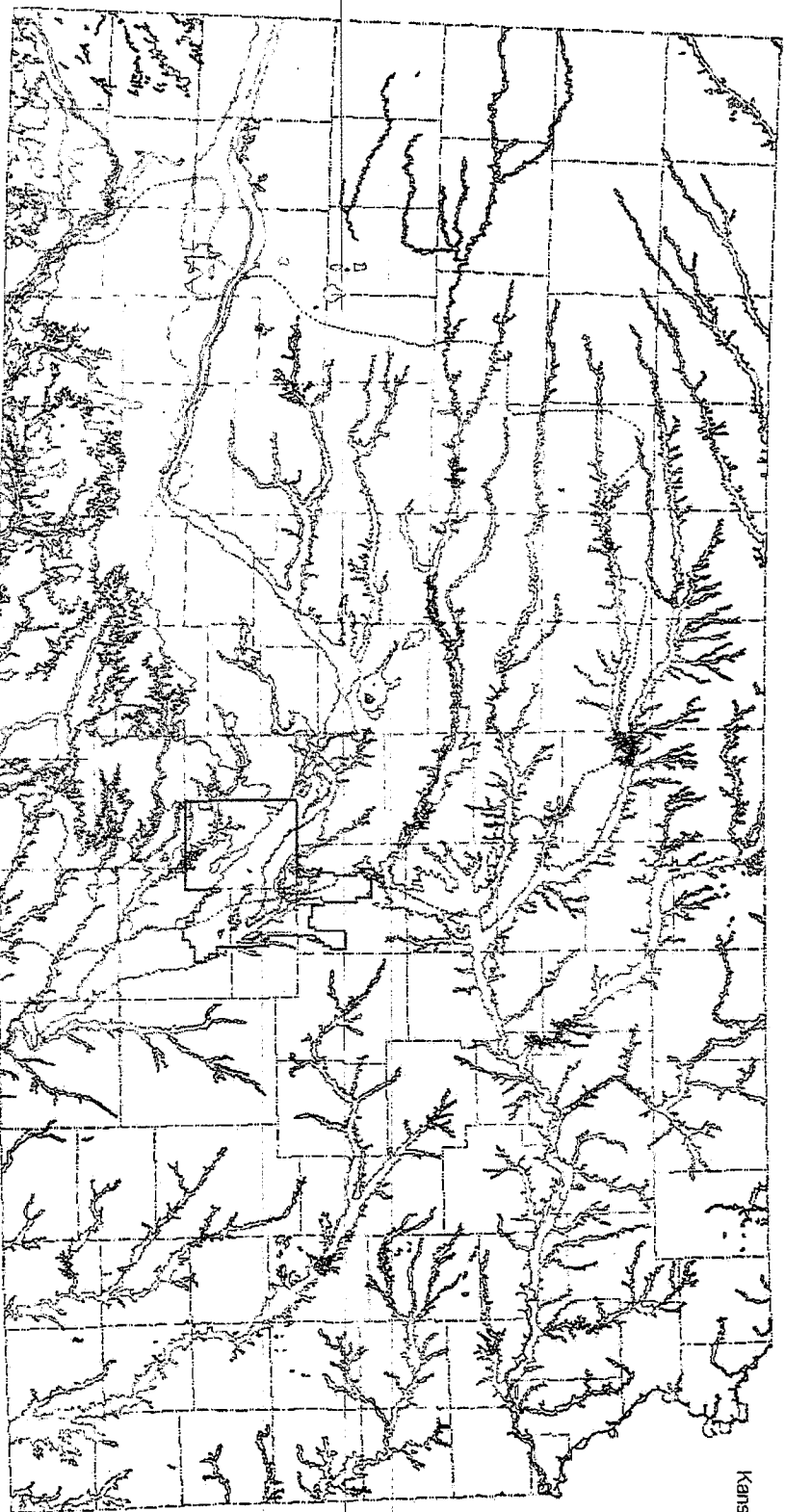


Sensitive Groundwater Areas

Kansas Corporation Commission
Conservation Division

Joint Legislative Budget Committee
October 9 and 10, 2012
Attachment: 10



- County
- Approximate limit of the Hutchinson Salt Member
- Boundary for GMD #2
- Quaternary and Tertiary Alluvium
- Quaternary Dune Sand

Map prepared by Kansas Corporation Commission for the Conservation Division to outline the sensitive groundwater areas applicable to Table III as referenced in K.A.R. 32-2-400b. Geologic boundaries indicated on this map are consistent with the Kansas Geological Survey, Kansas Geological Survey, KCC, Information Resources, GIS section 9 March 2000

Richard Ziesenis

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2 GROUNDWATER POLLUTION POTENTIAL ATLAS 09-02

DRASTIC METHODOLOGY

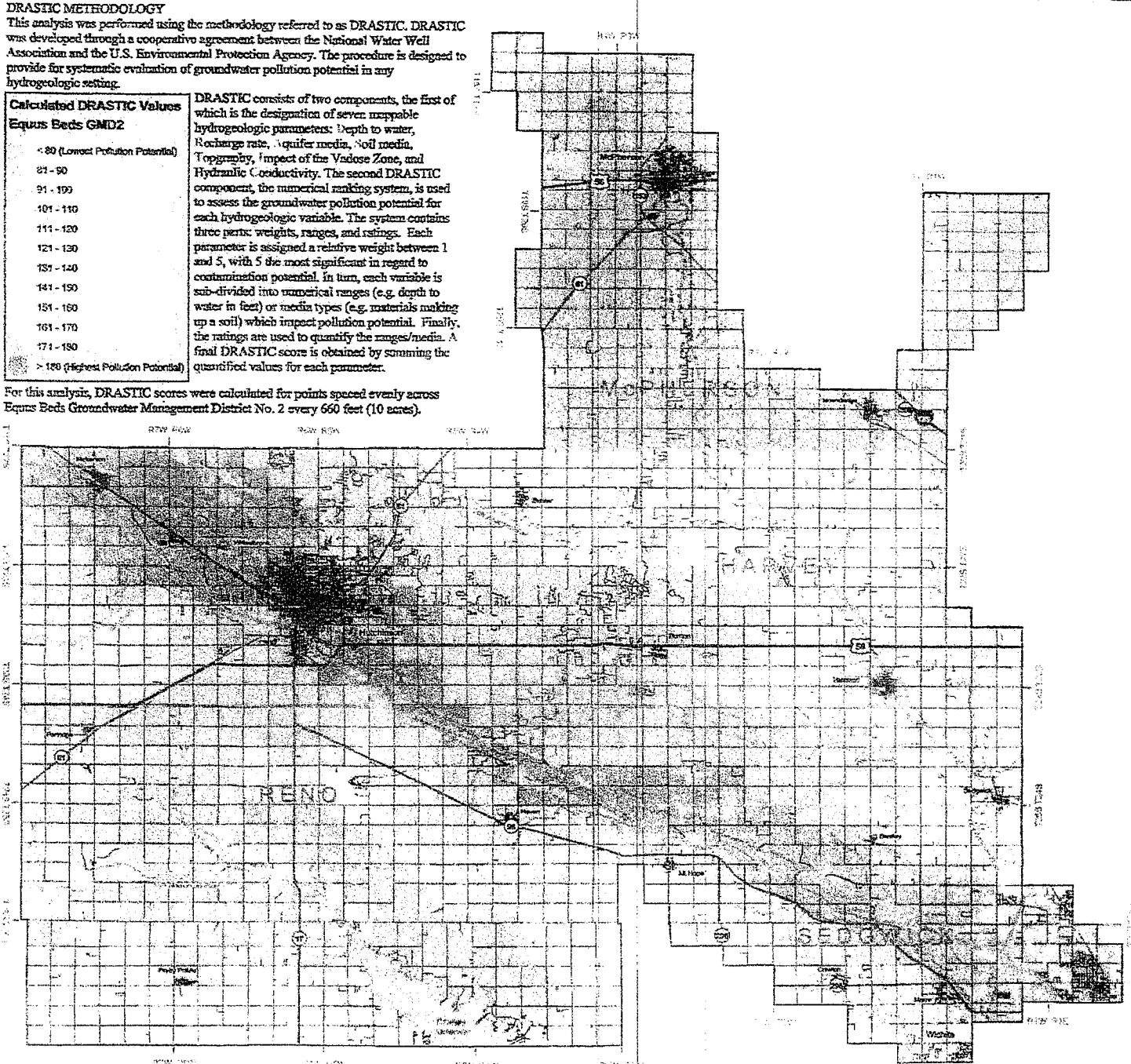
This analysis was performed using the methodology referred to as DRASTIC. DRASTIC was developed through a cooperative agreement between the National Water Well Association and the U.S. Environmental Protection Agency. The procedure is designed to provide for systematic evaluation of groundwater pollution potential in any hydrogeologic setting.

Calculated DRASTIC Values Equus Beds GMD2

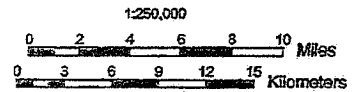
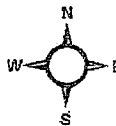
- < 80 (Lowest Pollution Potential)
- 81 - 90
- 91 - 100
- 101 - 110
- 111 - 120
- 121 - 130
- 131 - 140
- 141 - 150
- 151 - 160
- 161 - 170
- 171 - 180
- > 180 (Highest Pollution Potential)

DRASTIC consists of two components, the first of which is the designation of seven measurable hydrogeologic parameters: Depth to water, Recharge rate, Aquifer media, Soil media, Topography, Impact of the Vadose Zone, and Hydraulic Conductivity. The second DRASTIC component, the numerical ranking system, is used to assess the groundwater pollution potential for each hydrogeologic variable. The system contains three parts: weights, ranges, and ratings. Each parameter is assigned a relative weight between 1 and 5, with 5 the most significant in regard to contamination potential. In turn, each variable is sub-divided into numerical ranges (e.g. depth to water in feet) or media types (e.g. materials making up a soil) which impact pollution potential. Finally, the ratings are used to quantify the ranges/media. A final DRASTIC score is obtained by summing the quantified values for each parameter.

For this analysis, DRASTIC scores were calculated for points spaced evenly across Equus Beds Groundwater Management District No. 2 every 660 feet (10 acres).



Equus Beds Groundwater Management District No. 2
313 Spruce Street
Halstead, Kansas 67056-1925
Phone: (316) 835-2224
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Lawrence-Douglas County Health Department (LDCHD)
Statement of Financial Income and Expense
January through December 2010

	Admin.	Cereal Malt Beverage	Food Service	Other	Pool Insp.	Sanitary Code	School Insp.	Total
Income								
5000 - Revenue								
50010 - City								
500100 - City Operating	7,097.22	526.36	0.00	8,040.15	19.32	58.97	285.86	16,027.88
500101 - City Health Insurance	493.44	113.42	0.00	648.76	1,071.32	6,579.60	274.86	9,181.40
Total 50010 - City	7,590.66	639.78	0.00	8,688.91	1,090.64	6,638.57	560.72	25,209.28
50020 - County								
500200 - County Operating	10,645.81	789.53	0.00	12,080.21	28.99	88.47	428.78	24,041.79
500201 - County Health Insurance	880.87	93.75	1,188.38	999.32	582.31	9,749.29	106.49	13,600.41
Total 50020 - County	11,526.68	883.28	1,188.38	13,059.53	611.30	9,837.76	535.27	37,642.20
51000 - Operating Revenue								
510000 - Contract Services	0.00	0.00	47,566.00	0.00	0.00	0.00	0.00	47,566.00
512000 - Fees								
5120001 - Program Fees	0.00	0.00	0.00	0.00	0.00	535.00	0.00	535.00
5120002 - Sewage - Site Eval	0.00	0.00	0.00	0.00	0.00	1,540.00	0.00	1,540.00
5120003 - Sewage - Construction Permit	0.00	0.00	0.00	0.00	0.00	9,480.00	0.00	9,480.00
5120004 - Sewage - Replacement Permit	0.00	0.00	0.00	0.00	0.00	7,200.00	0.00	7,200.00
5120005 - Sewage - Room Addition/Remodel	0.00	0.00	0.00	0.00	0.00	825.00	0.00	825.00
5120006 - Sewage - Real Est Septic Insp	0.00	0.00	0.00	0.00	0.00	12,155.00	0.00	12,155.00
5120007 - Sewage - Installer License Exam	0.00	0.00	0.00	0.00	0.00	250.00	0.00	250.00
5120008 - Sewage - Installer License	0.00	0.00	0.00	0.00	0.00	1,360.00	0.00	1,360.00
5120009 - Wells - Construction Permit	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00	1,400.00
5120010 - Wells - Water Test	0.00	0.00	0.00	35.00	0.00	1,130.00	0.00	1,165.00
5120011 - Wells - Real Estate Inspection	0.00	0.00	0.00	0.00	0.00	1,080.00	0.00	1,080.00
5120012 - Pool License	0.00	0.00	0.00	0.00	18,350.00	0.00	0.00	18,350.00
5120016 - Sewage - Hauler License	0.00	0.00	0.00	0.00	0.00	615.00	0.00	615.00
Total 512000 - Fees	0.00	0.00	0.00	35.00	18,350.00	37,570.00	0.00	55,955.00
Total 51000 - Operating Revenue	0.00	0.00	47,566.00	35.00	18,350.00	37,570.00	0.00	103,521.00
517000 - Grant Income								
5170002 - State	0.00	0.00	0.00	0.00	0.00	41,462.00	0.00	41,462.00
Total 517000 - Grant Income	0.00	0.00	0.00	0.00	0.00	41,462.00	0.00	41,462.00
Total 5000 - Revenue	19,117.34	1,523.06	48,754.38	21,783.44	20,051.94	95,508.33	1,095.99	207,834.48
Total Income	19,117.34	1,523.06	48,754.38	21,783.44	20,051.94	95,508.33	1,095.99	207,834.48
Expense								
6000 - Payroll Expenses								
60010 - Gross Salaries & Wages	14,727.42	990.13	6,273.79	16,218.55	13,390.41	62,937.65	684.29	115,222.24
60020 - Payroll Related Expenses								
600200 - Payroll Taxes (SS & MC)	1,064.05	70.46	459.66	1,174.40	953.01	4,496.56	48.46	8,266.60
600201 - Insurance - Health	1,501.69	281.18	1,142.63	1,636.42	3,487.98	13,572.06	205.51	21,807.47
600202 - KPERS	1,021.44	70.70	448.87	1,113.25	943.07	4,306.58	48.30	7,950.21
600203 - Insurance - Unemployment	76.59	5.15	32.62	84.33	69.62	327.29	3.57	599.17
600204 - Insurance - Work Comp	684.98	44.93	297.75	760.31	632.63	2,939.26	31.36	5,391.22
Total 60020 - Payroll Related Expenses	4,348.75	452.42	2,379.53	4,768.71	6,086.31	25,641.75	337.20	44,014.67
Total 6000 - Payroll Expenses	19,076.17	1,442.55	8,653.32	20,987.26	19,476.72	88,579.40	1,021.49	159,236.91
6300 - Contractual Service Expenditure								
63005 - Copying & Printing	0.00	0.00	0.00	21.95	0.00	44.98	0.00	66.93
63008 - Mileage / Tolls / Parking	37.13	80.51	115.65	630.65	517.14	5,558.38	74.50	7,013.96
63014 - Service & Licensing Contracts	0.00	0.00	0.00	50.00	0.00	400.00	0.00	450.00
63017 - Legal Fees	0.00	0.00	103.50	0.00	0.00	149.50	0.00	253.00
Total 6300 - Contractual Service Expenditure	37.13	80.51	219.15	702.60	517.14	6,152.86	74.50	7,783.89
6400 - Commodities								
64003 - Office Supplies	4.04	0.00	0.00	11.28	0.00	197.80	0.00	213.12
64004 - Other Supplies	0.00	0.00	0.00	82.30	58.08	578.27	0.00	718.65
Total 6400 - Commodities	4.04	0.00	0.00	93.58	58.08	776.07	0.00	931.77
Total Expense	19,117.34	1,523.06	8,872.47	21,783.44	20,051.94	95,508.33	1,095.99	167,952.57
Net Income	0.00	0.00	39,881.91	0.00	0.00	0.00	0.00	39,881.91

10-3

Environmental health fees 2012

Sewage		Wells	
Septic system site evaluation	\$135	Construction permit	\$250
New septic system construction permit	\$415	Water test	\$40
Septic system replacement permit	\$265	Real estate inspection	\$100
Septic system room addition/remodel	\$140	Non-residential pool or spa annual license	
Septic system line alteration permit	\$100	Inspection	\$165
Septic system installer license exam	\$60	Each additional pool	\$90
Septic system installer license	\$100	Location of new swimming pool (county)	\$75
Septic system real estate inspection	\$250		
Septage hauler license	\$125		