

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: SALINE		Fraction <u>NE 1/4 NW 1/4 SW 1/4</u>	Section Number <u>13</u>	Township Number <u>T 14 S</u>	Range Number <u>R 5 E W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>440 SANTA FE SALINA, KS 67401</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>N 38° 49.896</u> Longitude: <u>W 97° 36.491</u> Elevation: _____ Datum: <u>WGS 84</u> Data Collection Method: <u>GPS</u>		
2 WATER WELL OWNER: RR#, St. Address, Box # City, State, ZIP Code SALINA REGIONAL MEDICAL CENTER 440 SANTA FE SALINA, KS 67401					

3 LOCATE WELL'S

LOCATION
WITH AN "X" IN
SECTION BOX:
N

--NW--		--NE--
	X	
--SW--		--SE--

S

4 DEPTH OF COMPLETED WELL 50 ft.

Depth(s) Groundwater Encountered (1) 999 ft. (2) _____ ft. (3) _____ ft.
 WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr. _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield NA gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, mo/day/yr
 Sample was submitted _____ Water well disinfected? Yes _____ No X

5 TYPE OF CASING USED:

1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ Threaded YES
 7 Fiberglass
 Blank casing diameter 2" in. to 35" ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface 4" in., Weight SCH 40 lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) _____
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From 35' ft. to 50' ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 50' ft. to 32' ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL:

1 Neat cement 2 Cement grout 3 Bentonite 4 Other 1 TO 0 Cement
 Grout Intervals: From 32' ft. to 1' ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:

1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify)
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well
 Direction from well? _____ How many feet? IMMEDIATE VICINITY

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0"	1'	Cement	50'	32'	10/20 Gravel Pack
1'	10"	CL: BRN, TR SANDY, DAMP, NON-PLASTIC, STIFF	32'	1	3/8 Bentonite Chips Hydrated
10'	15'	CH: BRN, MOIST, MEDIUM PLASTIC, STIFF	1	0	Cement Well Completion
15'	20'	CL: BRN, SILTY, DAMP, TR PLASTIC MEDIUM STIFF			
20'	25'	CH: BRN, SILTY, MOIST, MEDIUM PLASTIC, MEDIUM STIFF			MW -21
25'	40'	CH: BRN, SILTY, MOIST, HIGH PLASTIC, SOFT			
40'	45'	CL: BRN, SANDY, MOIST, TR PLASTIC, SOFT			
45'	50'	SC: ORANGE, BRN, MOIST FINE GRAIN, POOR SORT			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/16/07 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 665 This Water Well Record was completed on (mo/day/year) 11/19/07
 under the business name of Pratt Well Service, Inc by (signature) Steven Ellis

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.

PROJECT NAME: Salina Regional Medical Center

GEOLOGIST: M. Pearce/M. Giuliani

PROJECT NUMBER: 17102554

DATE: 10/16/07

SAMPLE DEPTH AND TIME	PID (PPMV)	RECOVERY (FEET)	DEPTH (FEET)	WELL CONSTRUCTION	GEOLOGIC DESCRIPTION (NAME, color, particle size, characteristics)	NOTES:
1645	0.0	NA	26	Hydrated Bentonite 2 in PVC Riser	CH: brn, silty, moist, high plastic, soft	no odor
			27			
			28			
			29			
			30			
1650	0.0	NA	31	Sand Filter Pack 2 in PVC Screen		no odor
			32			
			33			
			34			
			35			
1655	0.0	NA	36			no odor
			37			
			38			
			39			
			40			
1705	0.0	NA	41		CL: brn, sandy, moist, TR plastic, soft	no odor
			42			
			43			
			44			
			45			
1710	0.0	NA	46		SC: brn, moist, fine grain, poor sort	no odor
			47			
			48			
			49			
			50			
1715					Total Depth 50'	

LEGEND:

SS - Split Spoon

PID - Photolionization Detector

NR - No Recovery



- Concrete



- Flush Mount Vault



- Grout



- Bentonite Chip Seal



- Filter Pack



- Well Screen

ST - Shelby Tube

HSA - Hollow Stem Augers

PPMV - Parts Per Million by Volume

LEGEND:

- WELL
- R RESIDENCE
- ⊠ ABANDONED

GPS COORDINATES:

OB-1 N:38deg 49.861' W:97deg 36.566'
 OB-3 N:38deg 49.847' W:97deg 36.598'
 OB-4 N:38deg 49.850' W:97deg 36.579'
 OB-5 N:38deg 49.891' W:97deg 36.538'
 DC-2 N:38deg 49.856' W:97deg 36.472'
 DC-2S N:38deg 49.859' W:97deg 36.473'
 EC-OB-5 N:38deg 49.877' W:97deg 36.534'
 PW-7 N:38deg 49.920' W:97deg 36.541'
 MW-10N N:38deg 49.993' W:97deg 36.471'
 MW-10S N:38deg 49.990' W:97deg 36.472'
 MW-10R N:38deg 49.993' W:97deg 36.477'
 MW-11 N:38deg 49.947' W:97deg 36.477'
 MW-12 N:38deg 50.016' W:97deg 36.471'
 MW-13 N:38deg 50.040' W:97deg 36.472'
 MW-14 N:38deg 50.037' W:97deg 36.421'
 MW-15 N:38deg 49.974' W:97deg 36.414'
 MW-19 N:38deg 49.964' W:97deg 36.541'
 MW-20 N:38deg 49.898' W:97deg 36.512'
 MW-21 N:38deg 49.896' W:97deg 36.491'
 MW-22 N:38deg 49.888' W:97deg 36.411'

GPS COORDINATES:

SVE-2 N:38deg 49.854' W:97deg 36.542'
 SVE-4 N:38deg 49.856' W:97deg 36.574'
 SVE-5 N:38deg 49.854' W:97deg 36.564'

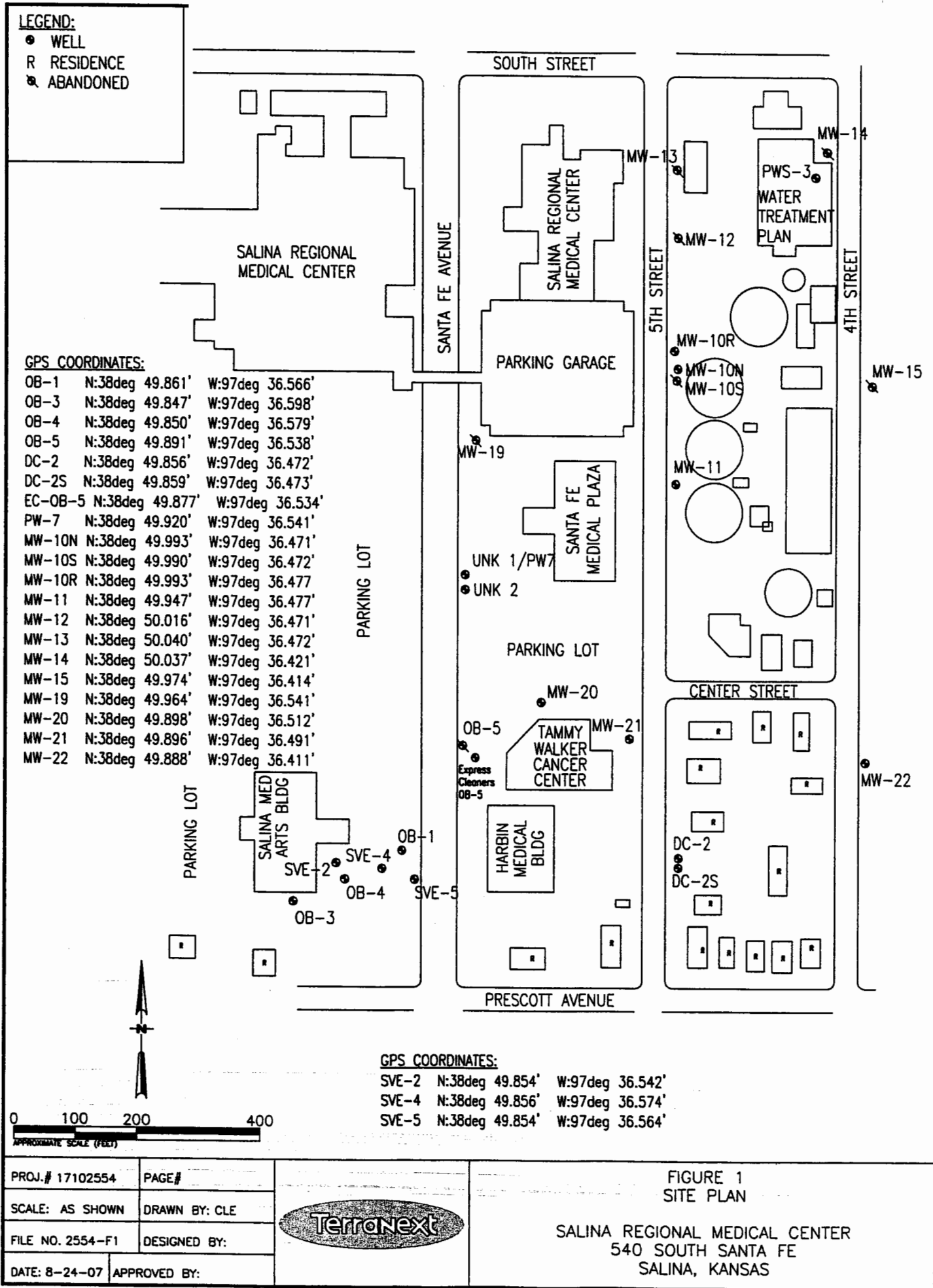


FIGURE 1
SITE PLAN

SALINA REGIONAL MEDICAL CENTER
 540 SOUTH SANTA FE
 SALINA, KANSAS



PROJ.# 17102554	PAGE#
SCALE: AS SHOWN	DRAWN BY: CLE
FILE NO. 2554-F1	DESIGNED BY:
DATE: 8-24-07	APPROVED BY:

TRITERRA

LAND SERVICES

P.O. Box 546
Clearwater, Kansas 67026
Office (620) 584-2313 Cell (316) 648-3617
Fax (620) 584-4371
E-mail: triterrals@yahoo.com

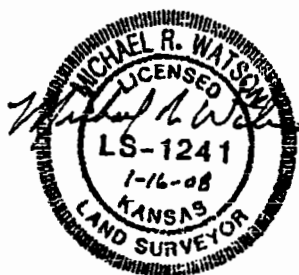
**SURVEYING OF ADDITIONAL MONITORING WELLS
SALINA REGIONAL MEDICAL CENTER
540 SOUTH SANTA FE
SALINA, KANSAS**

The above site is located in Section 13, Township 14 South, Range 3 West of the Sixth Principal Meridian, Saline County, Kansas. The Southeast corner of Section 13 was assigned coordinates of 00.00 North and 00.00 West.

The control point established during a previous survey was used for vertical control. It is described as a chiseled 'X' at the northeast corner of the parking lot for the Salina Medical Arts Building on top of the curb on the inside radius.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' topographic quad map titled "Salina".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 13-14S-3W	00.00	00.00			
CP	1714.63	4428.40	38.83197	97.60953	1229.62
NW SE NW SW 08-5 MW-3R	1534.15	4259.04	38.83145	97.60893	RIM 1229.99 TOC 1229.64
SE SE NW SW					
MW-10R SE NE NW SW	2173.90	3970.22	38.83319	97.60792	RIM 1226.33 TOC 1226.14
MW-20 SE SE NW SW	1612.32	4147.95	38.83168	97.60853	RIM 1230.18 TOC 1229.78
MW-21 SE SE NW SW	1591.47	4054.35	38.83160	97.60820	RIM 1228.87 TOC 1228.40
MW-22 SW SW NE SW	1500.57	3650.41	38.83135	97.60685	RIM 1228.16 TOC 1227.93



KDHE Project Code:

**Kansas Department of Health & Environment
Bureau of Environmental Remediation
1000 SW Jackson, Suite 410
Topeka, KS 66612-1367**