

Table 5.4 is a listing of all of the bacteriological and chemical analysis performed by EPC on samples from the Schlarbaum well. This table does not include the tracer dye analysis information that is described in Chapter 4.

Table 5.4 – Schlarbaum Well

Date sampled	T Coliform #/100ml	F Coliform #/100ml	E Coliform #/100ml	Color PtCo	pH units	Turbidity NTU	Conductivity µmho/cm
8/11/2000	430	4	16	155	6.3	2.1	217
8/14/2000	1080	15	30	157	6.0	2.0	242
8/23/2000	20001	2300	>200	123	6.7	9.0	242
8/30/2000	38000	354	200	128	7.1	-	149
9/6/2000	7500	160	300	163	6.8	-	168
9/8/2000		Sinkhole plugged					
9/13/2000	600	21	33	55	7.3	3.0	328
9/18/2000	75	11	10	66	7.2	3.0	315
9/20/2000	52	5	4	65	7.1	4.7	253
9/25/2000	20	<1	2	50	7.3	3.1	356
9/28/2000	22	4	2	45	6.6	3.8	302
10/2/2000	9	1	1	42	7.2	3.3	237
10/5/2000	7	<1	<1	42	6.8	2.7	372
10/9/2000	2	<1	<1	40	6.6	5.0	302
10/12/2000	3	<1	<1	40	6.8	6.5	354
11/14/2000	2	<2	<2	42	7.3	3.3	372
12/12/2000	<1	<1	<1	45	7.4	4.0	380

The following two graphs reveal the trend observed over a 5-month period, before and after the plugging of the sinkhole. Notice that although fecal bacteria counts dramatically declined, the color values have not returned to normal. This same trend was observed in several of the other wells.