

## WATER ANALYSIS OF THE SPRINGS IN THE WALBRZYCH FORESTRY

SPRING	WHITE LODGE BOGUSZÓW GORCE	JEDLINA ZDRÓJ	SZCZANO ZDRÓJ
DATE	29.10.2004	29.10.2004	29.10.2004
TIME/HOUR	10.00	10.45	11.30
ANALYSIS DATE	29.10.2004	29.10.2004	29.10.2004
COLOUR	colourless	colourless	colourless
SMELL	undetectable	undetectable	barely detectable, decaying
Ph	6,5	7	7,5
CONDUCTIVITY	0,39 ms	0,40 ms	0,46 ms
NITRATES (V+III)	<0,02 mg/dm <sup>3</sup>	<0,02 mg/dm <sup>3</sup>	<1 mg/dm <sup>3</sup>
AMMONIUM IONS NH <sub>4</sub> <sup>+</sup>	0,05 mg/dm <sup>3</sup>	0,05 mg/dm <sup>3</sup>	1 mg/dm <sup>3</sup>
NITRATES (V) ( NO <sub>3</sub> <sup>-</sup> )	0	0	0
NITRATES (III) ( NO <sub>2</sub> <sup>-</sup> )	<0,02 mg/dm <sup>3</sup>	<0,02 mg/dm <sup>3</sup>	<0,3 mg/dm <sup>3</sup>
FC / cola	innumerable	84/100 ml	innumerable
IS THE WATER NOTABLE?	No	No	No

### CONCLUSION

TAKING INTO CONSIDERATION THE ABOVE DATA AND COMPARING THESE TO THE REQUIREMENTS OF POTABLE WATER NORMS WE CAN ASSUME THAT THE WATER IN ALL THREE SPRINGS IS NOT POTABLE. THE MAIN FACTOR DISQUALIFYING THESE WATERS IS THE VERY HIGH VALUE OF THE COLI TEST.