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**SCIENTIFIC PROJECT**  
**Effects of Electromagnetic Waves on Water with Bacteria**  
**with Method of Prof. Christos Drossinakis**  
**Participants: Prof. Christos Drossinakis and Bettina Maria Haller**

**RESULTS**

**Regarding: Microbiological Testing of Control Sample  
and Results**

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- 1. Examination of culture properties of control sample of water with bacteria**  
Examinations are conducted of 10 independent parallel samples of control sample of water. In the Table 1 there is the average result.

**Table 1. Results after 24 hours of control sample of water with bacteria**

Controlled parameter	Limit value, cfu/cm <sup>3</sup>	Result, cfu/cm <sup>3</sup>
Coliforms	0/100	9/100
<i>Escherichia coli</i>	0/100	8/100
Enterococci	0/100	5/100
Sulphite reducing anaerobic bacteria ( <i>Clostridium perfringens</i> )	0/100	0/100
Total number of microorganisms at 22 °C	100	110
Total number of microorganisms at 37 °C	20	30

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<i>Pseudomonas aeruginosa</i>	0/250	0/250
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### Results after 48 hours of control sample of water with bacteria

Controlled parameter	Limit value, cfu/cm <sup>3</sup>	Result, cfu/cm <sup>3</sup>
Coliforms	0/100	18/100
<i>Escherichia coli</i>	0/100	19/100
Enterococci	0/100	12/100
Sulphite reducing anaerobic bacteria ( <i>Clostridium perfringens</i> )	0/100	0/100
Total number of microorganisms at 22 °C	100	120
Total number of microorganisms at 37 °C	20	50
<i>Pseudomonas aeruginosa</i>	0/250	0/250

### Results with influence of electromagnetic waves from Prof. Christos Drossinakis

Controlled parameter	Limit value, cfu/cm <sup>3</sup>	Result, cfu/cm <sup>3</sup>
Coliforms	0/100	0/100
<i>Escherichiacoli</i>	0/100	0/100
Enterococci	0/100	0/100
Sulphite reducing anaerobic bacteria ( <i>Clostridiumperfringens</i> )	0/100	0/100
Total number of microorganisms at 22 °C	100	2
Total number of microorganisms at 37 °C	20	0
<i>Pseudomonas aeruginosa</i>	0/250	0/250

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### Results with influence of electromagnetic waves from Bettina Maria Haller

Controlled parameter	Limit value, cfu/cm <sup>3</sup>	Result, cfu/cm <sup>3</sup>
Coliforms	0/100	0/100
<i>Escherichiacoli</i>	0/100	0/100
Enterococci	0/100	0/100
Sulphite reducing anaerobic bacteria ( <i>Clostridiumperfringens</i> )	0/100	0/100
Total number of microorganisms at 22 °C	100	2
Total number of microorganisms at 37 °C	20	0
<i>Pseudomonas aeruginosa</i>	0/250	0/250