

Total nitrogen in water – problem solved

Daniel Žlindra

**2nd Meeting of the heads of the laboratories
within ICP Forests**



Gozdarski inštitut Slovenije
Slovenian Forestry Institute

Warsaw, Poland, October 12th and 13th 2009

Measurement of the total nitrogen in water – problem with high blanks

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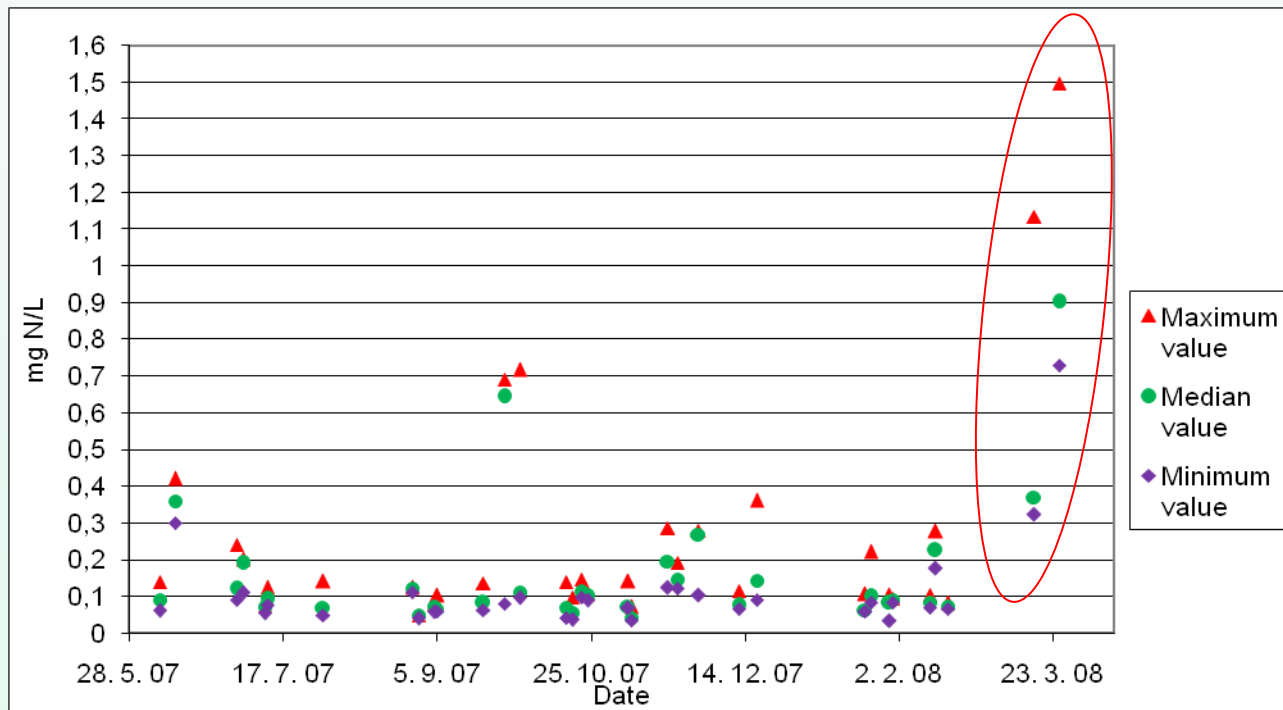
Hamburg, Germany, June 9th and 10th 2008



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- usual values for blanks from 0,02 to maximum 0,10 mg N/L,
- in February 2008 blanks started to raise.



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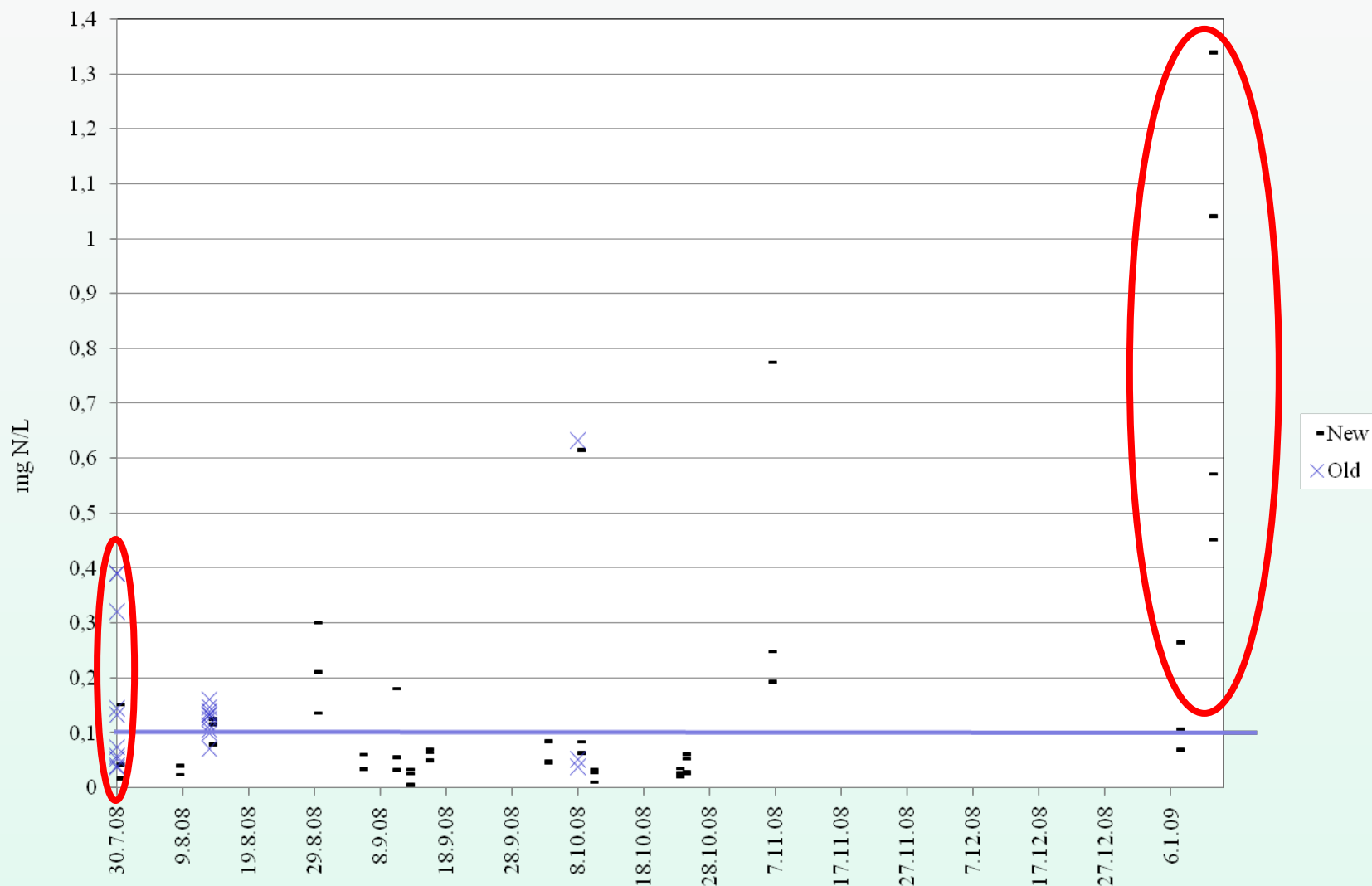
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- We bought new bottles (27.6.2008) and made a test:

	mg N/L	mg N/L
	Old bottles	New bottles
1	0,055	0,032
2	0,133	0,028
3	0,124	0,072
4	0,148	0,026
5	0,058	0,092
6	0,090	0,082
7	0,080	0,041
8	0,105	0,065
9	0,104	0,062
10	0,083	0,081
Average:	0,098	0,058
stdev	0,031	0,024
Maximum:	0,148	0,092
Minimum:	0,055	0,026





“The final and ultimate test” 16.1.2009

