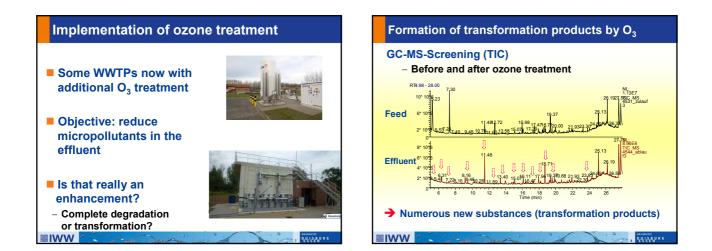






Table 1 – Summary of analytical results for polar organic pollutants					
Chemical	LOD [ng/L]	Freq [%]	Chemical	LOD [ng/L]	Freq [%
DEET	0.4	83.5	Isoproturon	0.2	20.1
Caffeine	1.0	82.9	Hexazinone	0.3	17.7
PFOA	0.4	65.9	Chloridazon-desphenyl	50	16.5
Atrazine	0.4	56.1	PFBS	0.3	15.2
Desethylatrazine (DEA)	0.4	54.9	PFNA	0.4	15.2
1H-Benzotriazole	1.0	53.0	Mecoprop	0.2	13.4
Methylbenzotriazole	1.0	51.8	N.N'-Dimethylsulfamid (DMS)	50	11.6
Desethylterbutylazine (DET)	0.4	49.4	Nonylphenol (NP)	30.0	11.0
PFOS	0.4	48.2	Ketoprofen	1.0	10.4
Simazine	0.5	43.3	Diazinon	0.3	9.1
Carbamazepine	0.5	42.1	MCPA	0.1	7.9
NPE1C	0.5	41.5	Chlortoluron	0.3	7.9
Bisphenol A	1.0	39.6	Ibuprofen	0.2	6.7
PFHxS	0.4	34.8	Chloridazon-methyldesphenyl	50	6.1
Terbutylazine	0.3	33.5	Methabenzthiazuron	0.3	5.5
Bentazone	0.4	31.7	Dichlorprop	0.1	4.9
Propazine	0.3	31.7	Diclofenac	0.2	4.9
PFHpA	0.4	29.9	Alachlor	0.3	4.9
2,4-Dinitrophenol	1.0	29.3	2.4-D	0.1	3.7
Diuron	0.3	28.7	2.4.5-T	0.2	3.7
Sulfamethoxazole	0.5	24.4	Linuron	0.3	2.4
PFDA	0.4	23.8	Triclosan	2.0	1.8
tert-Octylphenol (OP)	0.4	23.2	Estrone	1.0	0.6
Metolachlor	0.3	20.7			
Nitrophenol	4.0	20.1			



D_U_I_S_B_U

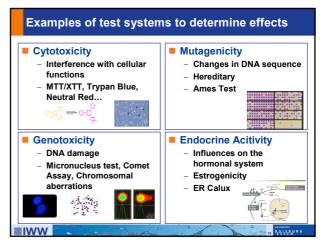
D_U_I_S_B_U R

Summary

- The closer we look, the more substances we find
- But what is their relevance?
- We ought to give an answer
 - to the public
 - to drinking water suppliers
 - to operators of waste water treatment plants
 - ...

How can we do that?

- chemical analysis alone is not enough



But...

IWW

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- Which effect based tools to be applied?
- How to evaluate the results?
- How to derive limit/treshold values from "new tools"?
- Is this manageable for each single substance?
- What ideas / concepts are currently discussed in other countries?
- Is there a perspective for a (European) harmonised approach?
- What's going on at DG ENV as regards new regulation or guidance docs