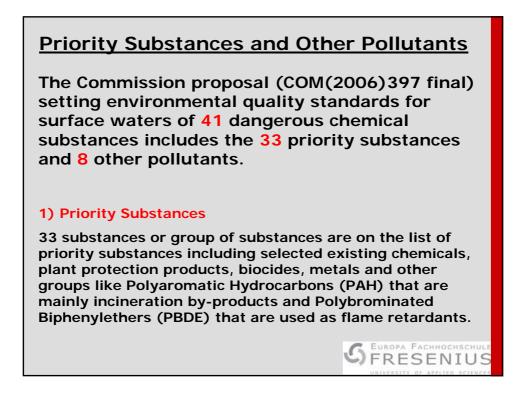
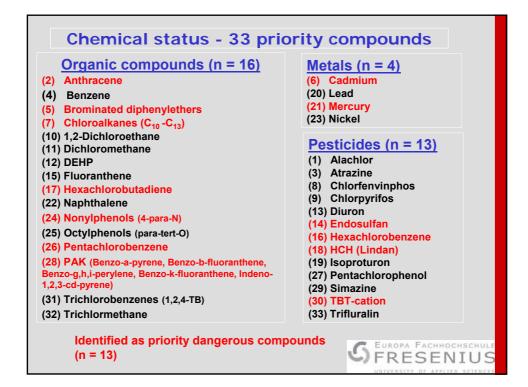
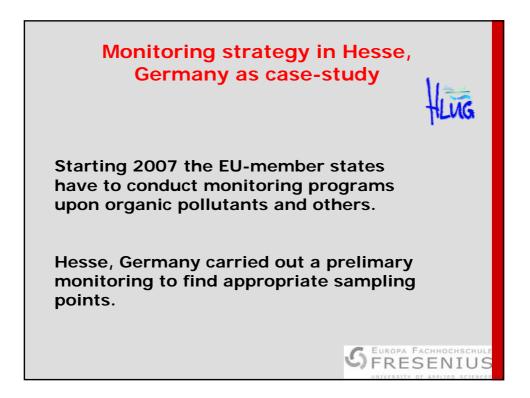
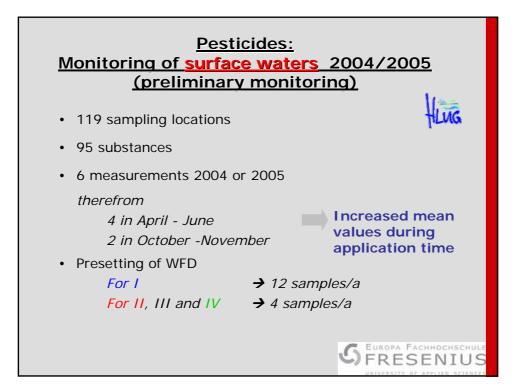


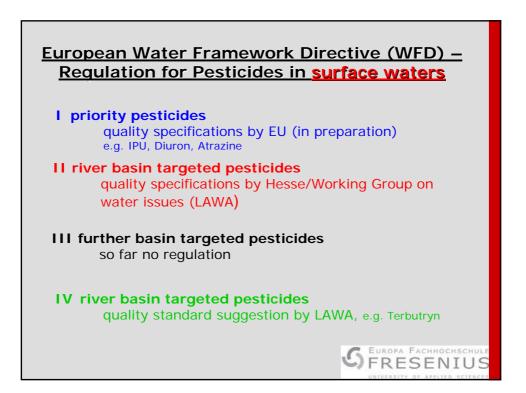
1	ime shedule WFD:
Dec. 2000	In force
Dec. 2003	National law implementation
Dec. 2004	Characterisation and inventory
Dec. 2006	Programs for monitoring are ready for application
Dec. 2009	Program for measures and plans for management of river basin are finished
Dec. 2012	Program for measure is implemented
Dec. 2015	"good condition" (ecological + chemical); new plans for management of river basin
	S EUROPA FACHHOCHSCHULE



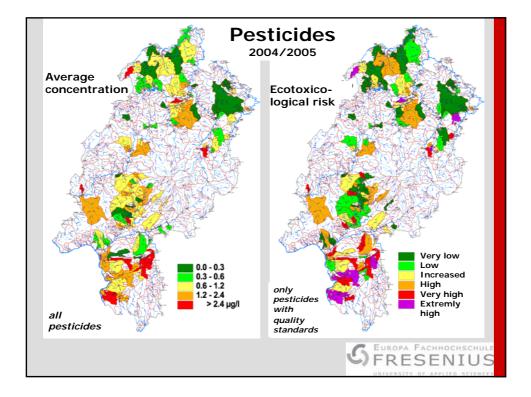


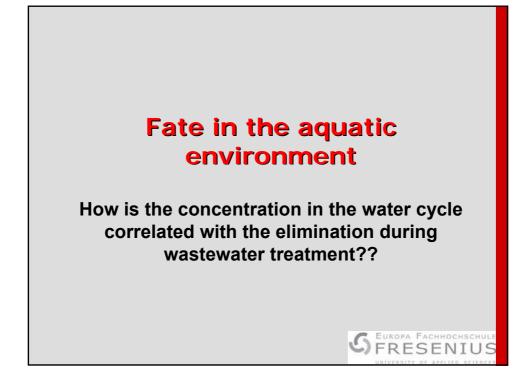


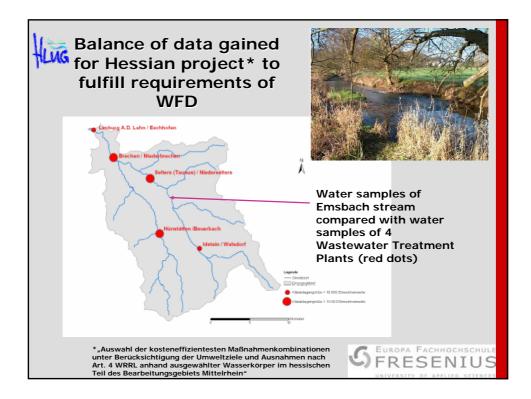


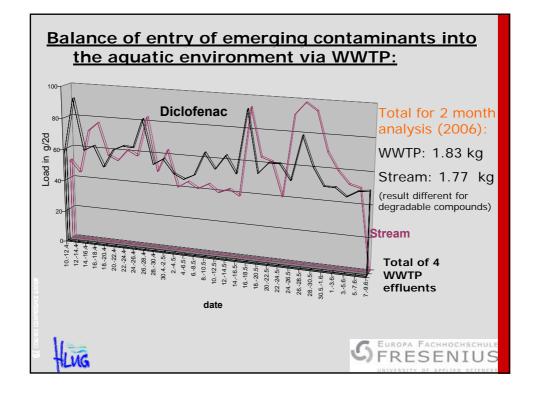


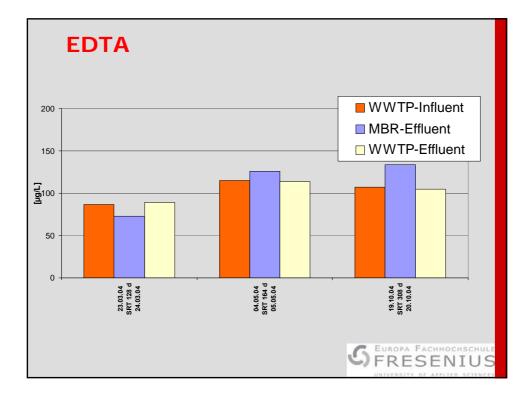
pesticide	quality standard [µg/L]	90-perc. [µg/L]	maximum value [µg/L]	
Isoproturon	0.3 / 1.0 *	0.47	15	
Mecoprop (MCPP)	0.1	0.12	11	approx. 700 sample
Dichlorprop (2,4-DP)	0.1	0.11	10	
n-Chloridazon	0.1	0.1	9.7	
Bentazone	0.1	0.14	9	-
МСРА	0.1	0.16	7.7	
Metazachlor	0.4	< I.d.	4.6	74 pesticides found
Diuron	0.2 / 1.8 *	0.21	4.5	therefrom
Metobromuron		< I.d.	4.4	inerenom
Metamitron		0.2	4.3	
Ethofumesate		0.12	3.9	
Terbuthylazine	0.5	0.04	2.5	
Metolachlor	0.2	< I.d.	1.6	25 with max, values
Atrazine	0.6 / 2.9 *	< I.d.	1.4	25 with max. values
Terbutryn	0.03	0.09	1.3	
Epoxiconazole		0.04	1	
2,4-D	0.1	< I.d.	0.91	
Propiconazole		0.07	0.8	
Metribuzin		< I.d.	0.75	I.d. = limit of detection
Fluoxypyr		0.04	0.55	•annual average value /
Tebuconazole		0.05	0.51	maximum value
Fenpropimorph		< I.d.	0.49	
Terbutylazine-desethyl		< I.d.	0.47	
Dichlobenil		< I.d.	0.46	
Haloxyfop		< I.d.	0.46	EUROPA FACHHOCHSCHU

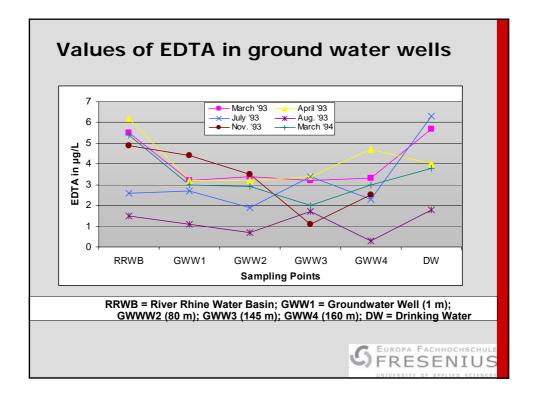


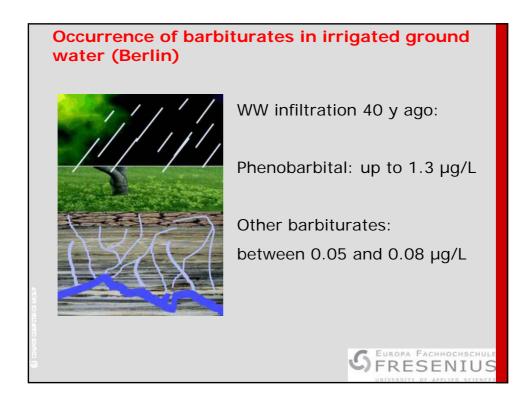


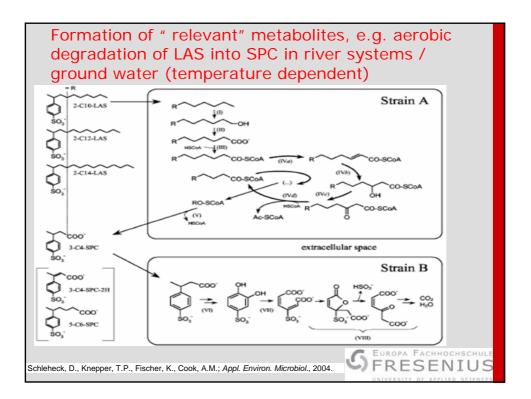


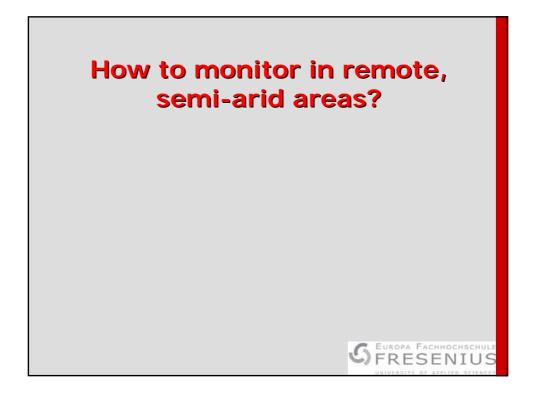


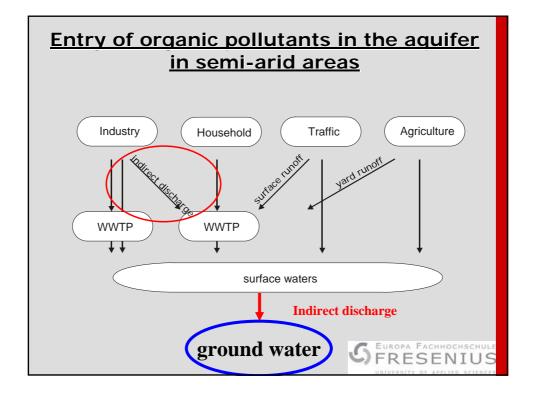




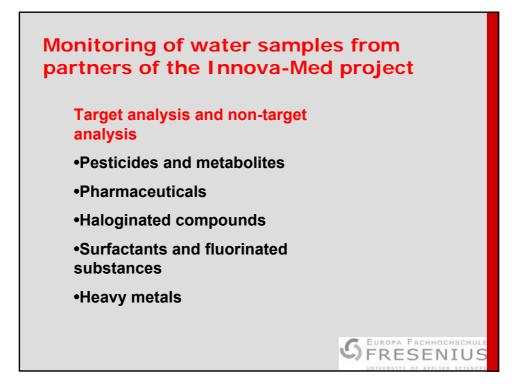








Location		BC	DD	co	DD	TS	S S	Oil &	Grease	Amr	nonia
from AHD (KM)	Point Source	1998	199 9	1998	1999	1998	1 9 9 9	1998	1999	199 8	1999
	Consent standard	30 m	gO ₂ /I	40 m	gO ₂ /I	30 r	ng/l	5	mg/l	1	I NA
50.000	Kom Ombo Sugar Ind.	144	760	3072	1500	58	46	1.2	9.3	0.0 1	0.01
63.600	Ekleet power station	1.2	4.8	2	84	28	79	1.2 1	2.55	0.0 1	0.01
119.600	Kaleh Power Station	1.4	2.0	5	40	15	32	2.2 6	3.09	0.0 1	0.10
122.450	Edfu Paper Pulp A	12	78	27	622	9	158	1.4 5	11.10	0.0 1	0.35
122.500	Edfu Paper Pulp B	13	75	19	354	9	25	0.3 6	2.81	0.0 5	0.01
123.000	Edfu Sugar Ind.	12	260		370	72	35	0.2	7.4	0.0 1	0.13



itoring of wa ndwater, su	-	les: er & waste water
Country	Samples	
Turkey	5	
Tunesia	10	
Palestine	5	
Egypt	13	
Sum	33	EUROPA FACHHOCHSCHULE
-	1	SFRESENIUS

- ebruary	2009		[µg/L]		
		Neutral compounds			
		Atrazin	0,06		
		Atrazin-desethyl	0,06		
	[LoQ µg/L]	Epoxiconazol	0,06		
Acdic compounds		Ethofumesat	0,06		
2.4 DP	0,06	Furmecyclox	0,06		
2,4,5-T	0.06	Metamitron	0,06	Hea∨y metals and o	thers
2,4-D	0.06	Metazachlor	0,06		[mg/L]
2,4-DB	0,06	Metolachlor	0,06	Fe	0,01
		n-Chloridazon	0,06		
Bentazon	0,06	Omethoat	0,06	Pb	0,01
Dicamba	0,06	Propiconazol	0,06	Zn	0,01
Fluazifop	0,06	Sebutylazin Simazin	0,06 0,06	Cu	0,01
Fluroxypyr	0,06	Tehuconazol	0,06		0,01
Haloxyfop	0,06	Terbuthylazin	0,06		
MCPA	0,06	Terbutryn	0.06	Na	0,01
MCPP	0,06	reiburyn	0,00	K	•
Triclopyr	0.06	Chlortoluron	0.06		0,01
1.7.		Diuron	0,06	Ca	0,01
Bezafibrat	0.06	Isoproturon	0,06	Mg	0,01
Clofibrinsäure	0,06	Linuron	0,06		- (- (
Diclofenac	0,06	Methabenzthiazuron	0,06		
	0,06	Metobromuron	0,06		
lbuprofen		Metoxuron	0,06		
Ketoprofen	0,06	Monolinuron	0,06		
Naproxen	0,06				
		Carbamazepin	0,06		
		Metoprolol	0,06		
		Phenazon	0,06		
		Propranolol Sulfamethaxazol	0,06		
		Trimethoprim	0,06 0,06	EUROPA FACI	HOCHSCHUL
		minemophin	0,06	FRESE	INTUS
		Sum HCH	0.06	UNIVERSITY OF A	

	LOQ	Egypt 2	Egypt 3	Egypt 4	Egypt 5	Egypt 6	Egypt 7	Egypt 8	Egypt 9	Egypt 10	Egypt 11	Egypt 12	Egypt 13	Egypt
Substance		effiuent WWTp	ground water	ground water under land irrigated with treated lurv	surfa _{ce} water from Ismailia	surface water at the begining of the drinking istratic treatment out	mineral water	Tap water from Ismailia	Tap water from amother city close to Cairo	surface water from Elsatam canat (WW imgae with nver wor	Tap water from land) (another village) (another village)	Drainage water (Elmansama drainage)	Drainage water (Elmansama drainage) after mixed with treated	influent WWTP
- abotanco	[LoQ µg/L]	[µg/L]	(µg/L)	(µg/L)	[µg/L]	[µg/L]	[µg/L]	[µg/L]	(µg/L)	[µg/L]	[µg/L]	[µg/L]	(µg/L)	(µg/L)
harmaceutical														
arbamazepin	0,06	0,27	< L00	< L0Q	< LOD	< LOD	< LOD	< LOD	< LOD	0,04	< LOD	< LOD	0,14	< L00
Aetoprolol	0,06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
henazon	0,06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ropranolol	0,06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ulfamethaxazol	0,06	0,44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	0,07	< LOD	< LOD	0,20	< L00
imethoprim	0,06	0,15	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	0,02	< LOD	< LOD	0,07	< L00
ium HCH	0,06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
.0Q: 0.5 µg/L														
OD: limit of detectio														
OQ: limit of quantific	ation													
a.: not analysed														

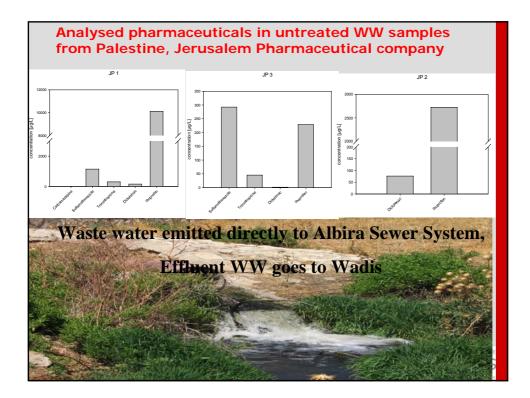
Substance	LOQ [µg/L]	Tunis 1 [µg/L]	Tunis 2 [µg/L]	Tunis 3 [µg/L]	Tunis 4 [µg/L]	Tunis 5 (µg/L)	Tunis 6 [µg/L]	Tunis 7 [µg/L]	Tunis 8 (µg/L)	Tunis 9 [µg/L]	Tunis 10 [µg/L]
Simazin	0,06	< LOQ	< LOD	0,12	< LOD	< LOD	< LOD	< LOD	< LOD	< LOQ	< LOD
Carbamazepin	0,06	0,38	< LOQ	0,70	< LOD	< LOD	< LOD	< LOD	< LOD	0,28	< LOQ
Phenazon	0,06	< LOD	< LOD	0,06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
Sulfamethaxazol	0,06	0,38	< LOQ	0,26	< LOD	< LOD	< LOD	< LOD	< LOD	0,26	< LOD
		< LOQ	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
n-Chl	-	trazii ox, N zon,	n-des Netar Ome	sethy mitro ethoa	yl, Ep on, Mo at, Pr	oxico etaza opico	onazo achlo onazo	or, Me ol, Se	etola ebuty	chlor /lazin	י, ח,

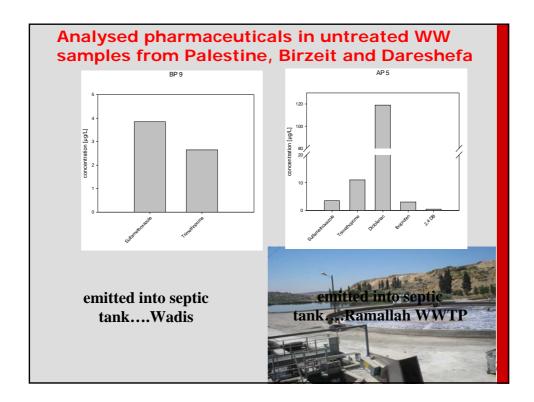
S FRESENIUS

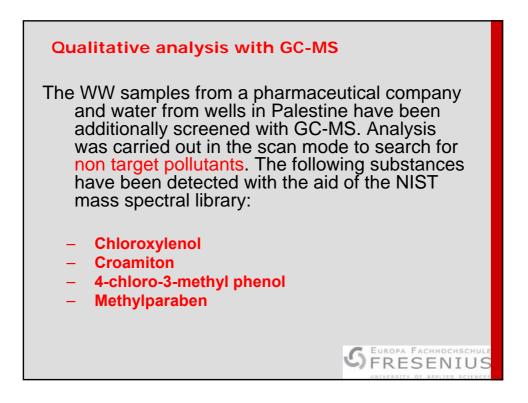
Monitoring of Watersamples of Turkey, Chemical analysis

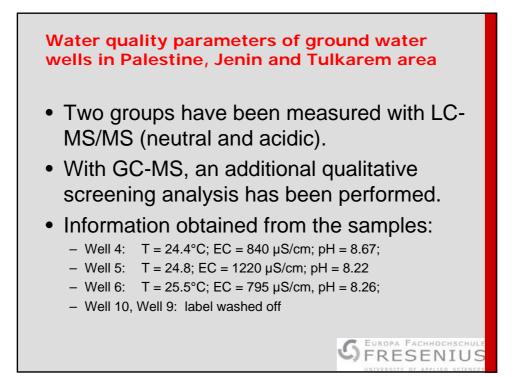
Substance	LOQ	Turkey 1	Turkey 2	Turkey 3	Turkey 4	Turkey 5
		Yesilirmak river, Anku station 1	Yesilirmak river, Anku station 2	Durucasu creek, Yesilirmak river, near Anku station 1	Ground well near Corum	Kizirmak river near Kalecik bridge Kirikkale
		27/02/09	27/02/09	February 2009	26/02/09	February 2009
	[µg/L]	[µg/L]	[µg/L]	[µg/L]	[µg/L]	[µg/L]
Chemical analysis						
pН		7,6	7,7	n.a.	7,3	n.a.
Conductivity [µS/cm]		698	688	n.a.	888	n.a.
Salinity [%]		0,30	0,3	n.a.	0,4	n.a.
Suspended soilids [mg/L]		468	517	n.a.	n.a.	n.a.
NH3-N [mg/L]		0,36	0,39	n.a.	0,03	n.a.
PO4-P [mg/L]		0,39	0,83	n.a.	1,83	n.a.
NO3-N [mg/L]		1,4	1,6	n.a.	1,0	n.a.
COD [mg/L]		7,3	9,0	n.a.	n.a.	n.a.
NO2-N [mg/L]		0,06	0,066	n.a.	0,019	n.a.
LOD: limit of detection						
LOQ: limit of quantification						
n.a.: not analysed						
approx.: approximately						

Substance	LOQ	Turkey 1	Turkey 2	Turkey 3	Turkey 4	Turkey 5
		Yesilirmak river, Anku station 1	Yesilirmak river, Anku station 2	Durucasu creek, Yesilirmak river, near Anku station 1	Ground well near Corum	Kizirmak river near Kalecik bridge Kirikkale
		27/02/09	27/02/09	February 2009	26/02/09	February 2009
	[µq/L]	[µq/L]	[µq/L]	[µq/L]	[µq/L]	[µg/L]
Acidic Compounds					2, 2, 3	
2,4 DP	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
2,4,5-T	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
2,4-D	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
2,4-DB	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Bentazon	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Dicamba	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Fluazifop	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Fluroxypyr	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Haloxyfop	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
MCPA	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
MCPP	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Triclopyr	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Bezafibrat	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Clofibrinsäure	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Diclofenac	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Ibuprofen	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
Ketoprofen	0,06	< LOD	< LOD	0,06	< LOQ	< LOD
Naproxen	0,06	< LOD	< LOD	< LOD	< LOD	< LOD
_OD: limit of detection						
_OQ: limit of quantificati	on					
n.a.: not analysed						
approx.: approximately						









Well 4	Simazine	<loq< th=""><th></th></loq<>	
well 4	ТМР	<loq< td=""><td></td></loq<>	
	Carbamazepine	<loq< td=""><td></td></loq<>	
Well 5	Simazine	0.22 μg/L	
	ТМР	0.37 μg/L	
Well 6	n.d.	n.d.	
The Party of the P	Atrazine	<loq< td=""><td></td></loq<>	
	DEA	0.03 µg/L	The second
Well 9	Simazine	<loq< td=""><td></td></loq<>	
wen 9	Carbamazepine	0.04 µg/L	
	Diclofenac	<loq< td=""><td>~ 本</td></loq<>	~ 本
Well 10	Carbamazepine	<loq <loq< td=""><td>10</td></loq<></loq 	10

