



Bau- und Verkehrsdirektion
Amt für Wasser und Abfall
Gewässer- und Bodenschutzlabor

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Wasserverbund Seeland AG
Herr Thomas Weyermann
Bremgartenweg 3a
3252 Worben

03.11.2025

Untersuchungsbericht Auftrag Nr. 25/0618

Ihr Auftrag vom 14.10.2025

Probennummer	Bezeichnung	Probenahme	Spezifikation
25/0618-01	WVS1 / GW3 Gimmiz Wasserverbund Seeland	14.10.2025	Grund- / Quellwasser
25/0618-02	WVS2 / GW4 Gimmiz Wasserverbund Seeland	14.10.2025	Grund- / Quellwasser
25/0618-03	WVS3 / GW5 Gimmiz Wasserverbund Seeland	14.10.2025	Grund- / Quellwasser
25/0618-04	WVS4 / GW6 Gimmiz Wasserverbund Seeland	14.10.2025	Grund- / Quellwasser
25/0618-05	WVS5 Gimmiz Wasserverbund Seeland	14.10.2025	Grund- / Quellwasser
25/0618-06	AAP1/BEG114: Worben PW SWG	14.10.2025	Grund- / Quellwasser
25/0618-07	PW Römerstrasse / GW7	14.10.2025	Grund- / Quellwasser
25/0618-08	PW Worben 2 / GW2	14.10.2025	Grund- / Quellwasser
25/0618-09	D2/GW26	15.10.2025	Grund- / Quellwasser
25/0618-10	P Worben 1 / GW1	14.10.2025	Grund- / Quellwasser
25/0618-11	D2'/GW25	15.10.2025	Grund- / Quellwasser
25/0618-12	AC15, Aare Hagneck	30.09.2025	Fliessgewässer
25/0618-13	Dotzigen Riedmatte / GW76	14.10.2025	Grund- / Quellwasser
25/0618-14	VOC Blind abgefüllt bei: GW4 F2	14.10.2025	Qualitätssicherung

Freundliche Grüsse

AWA Amt für Wasser und Abfall
Gewässer- und Bodenschutzlabor

sig.
Dr. Irene Wittmer
Abteilungsleiterin

Dieser Bericht wurde elektronisch erstellt und ist auch ohne Unterschrift gültig.

Kopie an:

- Amt für Wasser und Abfall, Betriebe & Abfall/Grundwasser, AWA-BA-GW, Herr Rolf Tschumper, 3013 Bern

Zeitpunkt der Prüfung können erfragt werden.

Ohne schriftliche Genehmigung des GBL darf der vorliegende Bericht nicht auszugsweise vervielfältigt werden.

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-01	25/0618-02	25/0618-03	25/0618-04	25/0618-05
Allgemeine Parameter						
Abstich OKR	m					
Sauerstoff (Elektrode)	mg/l	7.7	4.0	3.5	6.1	4.5
Sauerstoffsättigung	%	76	39	35	66	46
VOC						
Dichlordifluormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Chlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Vinylchlorid	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Brommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Trichlorfluormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1-Dichlorethen	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Dichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1-Dichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorethen (cis)	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Trichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,1-Trichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tetrachlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Trichlorethen	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorpropan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Dibrommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Bromdichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Toluol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tetrachlorethen	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Dibromchlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Ethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
m+p-Xylol	µg/l	<0.20	<0.20	<0.20	<0.20	<0.20
o-Xylol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
MTBE	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
ETBE	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Styrol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tribrommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,2,2-Tetrachlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Brombenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,3,5-Trimethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,4-Trimethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,4-Trichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachlorbutadien	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalin	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,3-Trichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,2-Trichlor-1,2,2-trifluorethan (Freon113)	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Pestizide / Biozide						
2,4-D	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-Dichlorprop	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-01	25/0618-02	25/0618-03	25/0618-04	25/0618-05
Pestizide / Biozide						
2,6-Dichlorbenzamid	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Atrazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desethylatrazin	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Desisopropylatrazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Bentazon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Chloridazon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desphenylchloridazon	µg/l	0.54	0.49	0.21	0.043	0.19
Methyldesphenylchloridazon	µg/l	0.091	0.13	0.06	0.025	0.052
Chlorthalonil-Sulfonsäure (R417888)	µg/l	0.054	0.038	0.018	<0.01	0.03
Chlorthalonil Metabolit (R471811)	µg/l	0.19	0.15	0.09	<0.02	0.11
Chlorthalonil Metabolit (SYN507900)	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Chlortoluron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diazinon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Dimethachlor-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Dimethachlor-OXA	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethachlor CGA 369873	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diuron	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Isoproturon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Isoproturon M1	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
MCPA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Mecoprop	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metamitron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desaminometamitron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metazachlor	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metazachlor-OXA	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor	µg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Metolachlor CGA 368208	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metolachlor NOA 413173	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor-ESA	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor-OXA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metolachlor SYN 547977	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron ASDM	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron AUSN	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron UCSN	µg/l	0.014	0.016	0.0055	<0.005	0.0055
Propazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Simazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Terbutylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
2-OH-Terbutylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Terbutylazin LM5	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Terbutylazin LM6	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desethylterbutylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-01	25/0618-02	25/0618-03	25/0618-04	25/0618-05
Pestizide / Biozide						
Terbutryn	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Trifloxystrobin NOA 413161	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Pharmaka / PPCPs						
Candesartan	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Carbamazepin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diclofenac	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Hydrochlorthiazid	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Lamotrigin	µg/l	<0.005	<0.005	<0.005	0.02	<0.005
Metformin	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Sulfamethoxazol	µg/l	<0.005	<0.005	<0.005	0.014	0.0065
Industriechemikalien						
Benzotriazol	µg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Methylbenzotriazole	µg/l	<0.005	<0.005	<0.005	0.0054	<0.005
Röntgenkontrastmittel						
Amidotrizoesäure	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Iopamidol	µg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Künstliche Süsstoffe						
Acesulfam	µg/l	<0.005	0.0054	0.0062	0.017	0.012
Messung durch Auftraggeber						
pH-Wert		7.95	7.78	7.38	7.75	7.92
Leitfähigkeit	µS/cm	565	557	504	340	448
Probenahme		erledigt	erledigt	erledigt	erledigt	erledigt
Zeitpunkt Probenahme	h	14.15	10.15	10.00	14.45	14.30
Temperatur	°C	12.7	12.7	13.3	17.6	14.3
Grundwasserstand	m ü. M	438.32 *	438.69 *	438.59 *	438.58 *	438.48 *
Vorpumpzeit	min					

Probennummer		25/0618-06	25/0618-07	25/0618-08	25/0618-09	25/0618-10
Allgemeine Parameter						
Abstich OKR	m			2.10 *	1.68 *	2.30 *
Sauerstoff (Elektrode)	mg/l	2.1	6.0	3.9	2.6	2.2
Sauerstoffsättigung	%	21	62	39	26	22
VOC						
Dichlordifluormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Chlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Vinylchlorid	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Brommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Trichlorfluormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1-Dichlorethen	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Dichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1-Dichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorethen (cis)	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Trichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,1-Trichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tetrachlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-06	25/0618-07	25/0618-08	25/0618-09	25/0618-10
VOC						
Trichlorethen	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorpropan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Dibrommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Bromdichlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Toluol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tetrachlorethen	µg/l	<0.10	<0.10	<0.10	3.42	0.22
Dibromchlormethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Ethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
m+p-Xylol	µg/l	<0.20	<0.20	<0.20	<0.20	<0.20
o-Xylol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
MTBE	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
ETBE	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Styrol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Tribrommethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,2,2-Tetrachlorethan	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Brombenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,3,5-Trimethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,4-Trimethylbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2-Dichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,4-Trichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachlorbutadien	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Naphthalin	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,2,3-Trichlorbenzol	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
1,1,2-Trichlor-1,2,2-trifluorethan (Freon113)	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Pestizide / Biozide						
2,4-D	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-Dichlorprop	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
2,6-Dichlorbenzamid	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Atrazin	µg/l	<0.005	<0.005	<0.005	0.0072	<0.005
Desethylatrazin	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Desisopropylatrazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Bentazon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Chloridazon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desphenylchloridazon	µg/l	0.55	0.073	0.037	0.095	0.029
Methyl-desphenylchloridazon	µg/l	0.035	0.031	0.014	0.052	0.012
Chlorthalonil-Sulfonsäure (R417888)	µg/l	0.19	<0.01	<0.01	0.034	<0.01
Chlorthalonil Metabolit (R471811)	µg/l	1.8	0.027	0.058	0.20	0.044
Chlorthalonil Metabolit (SYN507900)	µg/l	0.012	<0.005	<0.005	<0.005	<0.005
Chlortoluron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diazinon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Dimethachlor-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Dimethachlor-OXA	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethachlor CGA 369873	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-06	25/0618-07	25/0618-08	25/0618-09	25/0618-10
Pestizide / Biozide						
Dimethenamid-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diuron	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Isoproturon	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Isoproturon M1	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
MCPA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Mecoprop	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metamitron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Desaminometamitron	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metazachlor	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metazachlor-ESA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metazachlor-OXA	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor	µg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Metolachlor CGA 368208	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metolachlor NOA 413173	µg/l	<0.01	<0.01	<0.01	0.013	<0.01
Metolachlor-ESA	µg/l	<0.01	<0.01	<0.01	0.026	<0.01
Metolachlor-OXA	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Metolachlor SYN 547977	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron ASDM	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Nicosulfuron AUSN	µg/l	0.011	<0.01	<0.01	<0.01	<0.01
Nicosulfuron UCSN	µg/l	0.062	<0.005	<0.005	0.0081	<0.005
Propazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Simazin	µg/l	0.0068	<0.005	<0.005	<0.005	<0.005
Terbuthylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
2-OH-Terbuthylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Terbuthylazin LM5	µg/l	<0.005	<0.005	<0.005	0.0056	<0.005
Terbuthylazin LM6	µg/l	<0.005	<0.005	<0.005	0.019	<0.005
Desethylterbuthylazin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Terbutryn	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Trifloxystrobin NOA 413161	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Pharmaka / PPCPs						
Candesartan	µg/l	<0.005	<0.005	<0.005	0.015	<0.005
Carbamazepin	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Diclofenac	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Hydrochlorthiazid	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Lamotrigin	µg/l	<0.005	0.0087	<0.005	0.0088	<0.005
Metformin	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Sulfamethoxazol	µg/l	<0.005	0.011	<0.005	0.0073	<0.005
Industriechemikalien						
Benzotriazol	µg/l	<0.02	<0.02	<0.02	<0.02	0.024
Methylbenzotriazole	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Röntgenkontrastmittel						
Amidotrizoesäure	µg/l	<0.005	<0.005	<0.005	0.014	<0.005
Iopamidol	µg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Künstliche Süsstoffe						
Acesulfam	µg/l	<0.005	0.018	0.01	0.053	0.025

Analysenresultate

Material: Grund- / Quellwasser

Probennummer		25/0618-06	25/0618-07	25/0618-08	25/0618-09	25/0618-10
Messung durch Auftraggeber						
pH-Wert		7.18	7.89	7.86	7.30	7.66
Leitfähigkeit	µS/cm	759	360	482	466	456
Probenahme		erledigt	erledigt	erledigt	erledigt	erledigt
Zeitpunkt Probenahme	h	11.30	14.00	13.15	8.00	13.45
Temperatur	°C	13.4	14.8	13.1	14.3	13.6
Grundwasserstand	m ü. M	435.02 *	438.86 *			
Vorpumpzeit	min			30.00 *	15.00 *	30.00 *

Probennummer		25/0618-11	25/0618-13	
Allgemeine Parameter				
Abstich OKR	m	1.44 *		
Sauerstoff (Elektrode)	mg/l	3.0		
Sauerstoffsättigung	%	30		
VOC				
Dichlordifluormethan	µg/l	<0.10		
Chlormethan	µg/l	<0.10		
Vinylchlorid	µg/l	<0.05		
Brommethan	µg/l	<0.10		
Trichlorfluormethan	µg/l	<0.10		
1,1-Dichlorethen	µg/l	<0.10		
Dichlormethan	µg/l	<0.10		
1,1-Dichlorethan	µg/l	<0.10		
1,2-Dichlorethen (cis)	µg/l	<0.10		
Trichlormethan	µg/l	<0.10		
1,1,1-Trichlorethan	µg/l	<0.10		
Tetrachlormethan	µg/l	<0.10		
Benzol	µg/l	<0.10		
1,2-Dichlorethan	µg/l	<0.10		
Trichlorethen	µg/l	<0.10		
1,2-Dichlorpropan	µg/l	<0.10		
Dibrommethan	µg/l	<0.10		
Bromdichlormethan	µg/l	<0.10		
Toluol	µg/l	<0.10		
Tetrachlorethen	µg/l	<0.10		
Dibromchlormethan	µg/l	<0.10		
Chlorbenzol	µg/l	<0.10		
Ethylbenzol	µg/l	<0.10		
m+p-Xylol	µg/l	<0.20		
o-Xylol	µg/l	<0.10		
MTBE	µg/l	<0.05		
ETBE	µg/l	<0.05		
Styrol	µg/l	<0.10		
Tribrommethan	µg/l	<0.10		
1,1,2,2-Tetrachlorethan	µg/l	<0.10		
Brombenzol	µg/l	<0.10		
1,3,5-Trimethylbenzol	µg/l	<0.10		
1,2,4-Trimethylbenzol	µg/l	<0.10		

Analysenresultate

Material: Grund- / Quellwasser

Probennummer	25/0618-11	25/0618-13	
VOC			
1,2-Dichlorbenzol	µg/l	<0.10	
1,2,4-Trichlorbenzol	µg/l	<0.10	
Hexachlorbutadien	µg/l	<0.10	
Naphthalin	µg/l	<0.10	
1,2,3-Trichlorbenzol	µg/l	<0.10	
1,1,2-Trichlor-1,2,2-trifluorethan (Freon113)	µg/l	<0.10	
Pestizide / Biozide			
2,4-D	µg/l	<0.01	
2,4-Dichlorprop	µg/l	<0.005	
2,6-Dichlorbenzamid	µg/l	<0.005	
Atrazin	µg/l	<0.005	
Desethylatrazin	µg/l	<0.01	
Desisopropylatrazin	µg/l	<0.005	
Bentazon	µg/l	<0.005	
Chloridazon	µg/l	<0.005	
Desphenylchloridazon	µg/l	0.018	
Methyldesphenylchloridazon	µg/l	<0.01	
Chlorthalonil-Sulfonsäure (R417888)	µg/l	<0.01	
Chlorthalonil Metabolit (R471811)	µg/l	0.037	
Chlorthalonil Metabolit (SYN507900)	µg/l	<0.005	
Chlortoluron	µg/l	<0.005	
Diazinon	µg/l	<0.005	
Dimethachlor-ESA	µg/l	<0.005	
Dimethachlor-OXA	µg/l	<0.01	
Dimethachlor CGA 369873	µg/l	<0.01	
Dimethenamid-ESA	µg/l	<0.005	
Diuron	µg/l	<0.01	
Flufenacet-ESA	µg/l	<0.005	
Isoproturon	µg/l	<0.005	
Isoproturon M1	µg/l	<0.005	
MCPA	µg/l	<0.005	
Mecoprop	µg/l	<0.005	
Metamitron	µg/l	<0.005	
Desaminometamitron	µg/l	<0.005	
Metazachlor	µg/l	<0.01	
Metazachlor-ESA	µg/l	<0.005	
Metazachlor-OXA	µg/l	<0.01	
Metolachlor	µg/l	<0.02	
Metolachlor CGA 368208	µg/l	<0.005	
Metolachlor NOA 413173	µg/l	<0.01	
Metolachlor-ESA	µg/l	<0.01	
Metolachlor-OXA	µg/l	<0.005	
Metolachlor SYN 547977	µg/l	<0.01	
Nicosulfuron ASDM	µg/l	<0.01	

Analysenresultate

Material: Grund- / Quellwasser

Probennummer	25/0618-11	25/0618-13	
Pestizide / Biozide			
Nicosulfuron AUSN	µg/l	<0.01	
Nicosulfuron UCSN	µg/l	<0.005	
Propazin	µg/l	<0.005	
Simazin	µg/l	<0.005	
Terbutylazin	µg/l	<0.005	
2-OH-Terbutylazin	µg/l	<0.005	
Terbutylazin LM5	µg/l	<0.005	
Terbutylazin LM6	µg/l	<0.005	
Desethylterbutylazin	µg/l	<0.005	
Terbutryn	µg/l	<0.005	
Trifloxystrobin NOA 413161	µg/l	<0.01	
Pharmaka / PPCPs			
Candesartan	µg/l	<0.005	
Carbamazepin	µg/l	<0.005	
Diclofenac	µg/l	<0.005	
Hydrochlorthiazid	µg/l	<0.005	
Lamotrigin	µg/l	<0.005	
Metformin	µg/l	<0.05	
Sulfamethoxazol	µg/l	<0.005	
Industriechemikalien			
Benzotriazol	µg/l	<0.02	
Methylbenzotriazole	µg/l	<0.005	
Röntgenkontrastmittel			
Amidotrizoesäure	µg/l	<0.005	
Iopamidol	µg/l	<0.02	
Künstliche Süsstoffe			
Acesulfam	µg/l	<0.005	
Messung durch Auftraggeber			
pH-Wert		7.83	
Leitfähigkeit	µS/cm	454	
Probenahme		erledigt	
Zeitpunkt Probenahme	h	8.45	
Temperatur	°C	13.0	
Grundwasserstand	m ü. M		
Vorpumpzeit	min	15.00 *	

Material: Sauberwasser

Probennummer	25/0618-12	
Pestizide / Biozide		
2,4-D	µg/l	<0.01
2,4-Dichlorprop	µg/l	<0.005
2,6-Dichlorbenzamid	µg/l	<0.005
Atrazin	µg/l	<0.005
Desethylatrazin	µg/l	<0.01
Desisopropylatrazin	µg/l	<0.005
Bentazon	µg/l	<0.005

Analysenresultate

Material: Sauberwasser

Probennummer		25/0618-12	
Pestizide / Biozide			
Chloridazon	µg/l	<0.005	
Desphenylchloridazon	µg/l	<0.01	
Methyl-desphenylchloridazon	µg/l	<0.01	
Chlorthalonil-Sulfonsäure (R417888)	µg/l	<0.01	
Chlorthalonil Metabolit (R471811)	µg/l	<0.02	
Chlorthalonil Metabolit (SYN507900)	µg/l	<0.005	
Chlortoluron	µg/l	<0.005	
Diazinon	µg/l	<0.005	
Dimethachlor-ESA	µg/l	<0.005	
Dimethachlor-OXA	µg/l	<0.01	
Dimethachlor CGA 369873	µg/l	<0.01	
Dimethenamid-ESA	µg/l	<0.005	
Diuron	µg/l	<0.01	
Flufenacet-ESA	µg/l	<0.005	
Isoproturon	µg/l	<0.005	
Isoproturon M1	µg/l	<0.005	
MCPA	µg/l	<0.005	
Mecoprop	µg/l	<0.005	
Metamitron	µg/l	<0.005	
Desaminometamitron	µg/l	<0.005	
Metazachlor	µg/l	<0.01	
Metazachlor-ESA	µg/l	<0.005	
Metazachlor-OXA	µg/l	<0.01	
Metolachlor	µg/l	<0.02	
Metolachlor CGA 368208	µg/l	<0.005	
Metolachlor NOA 413173	µg/l	<0.01	
Metolachlor-ESA	µg/l	<0.01	
Metolachlor-OXA	µg/l	<0.005	
Metolachlor SYN 547977	µg/l	<0.01	
Nicosulfuron ASDM	µg/l	<0.01	
Nicosulfuron AUSN	µg/l	<0.01	
Nicosulfuron UCSN	µg/l	<0.005	
Propazin	µg/l	<0.005	
Simazin	µg/l	<0.005	
Terbuthylazin	µg/l	<0.005	
2-OH-Terbuthylazin	µg/l	<0.005	
Terbuthylazin LM5	µg/l	<0.005	
Terbuthylazin LM6	µg/l	<0.005	
Desethylterbuthylazin	µg/l	<0.005	
Terbutryn	µg/l	<0.005	
Trifloxystrobin NOA 413161	µg/l	<0.01	
Pharmaka / PPCPs			
Candesartan	µg/l	0.01	
Carbamazepin	µg/l	<0.005	

Analysenresultate

Material: Sauberwasser

Probennummer	25/0618-12	
Pharmaka / PPCPs		
Diclofenac	µg/l	0.0054
Hydrochlorthiazid	µg/l	<0.005
Lamotrigin	µg/l	0.017
Metformin	µg/l	0.062
Sulfamethoxazol	µg/l	0.0095
Industriechemikalien		
Benzotriazol	µg/l	<0.02
Methylbenzotriazole	µg/l	0.0078
Röntgenkontrastmittel		
Amidotrizoesäure	µg/l	<0.005
Iopamidol	µg/l	<0.02
Künstliche Süsstoffe		
Acesulfam	µg/l	0.028

Material: Qualitätssicherung

Probennummer	25/0618-14	
VOC		
Dichlordifluormethan	µg/l	<0.10
Chlormethan	µg/l	<0.10
Vinylchlorid	µg/l	<0.05
Brommethan	µg/l	<0.10
Chlorethan	µg/l	<0.10
Trichlorfluormethan	µg/l	<0.10
1,1-Dichlorethen	µg/l	<0.10
Dichlormethan	µg/l	<0.10
1,2-Dichlorethen (trans)	µg/l	<0.10
1,1-Dichlorethan	µg/l	<0.10
1,2-Dichlorethen (cis)	µg/l	<0.10
2,2-Dichlorpropan	µg/l	<0.10
Bromchlormethan	µg/l	<0.10
Trichlormethan	µg/l	<0.10
1,1,1-Trichlorethan	µg/l	<0.10
1,1-Dichlorpropen	µg/l	<0.10
Tetrachlormethan	µg/l	<0.10
Benzol	µg/l	<0.10
1,2-Dichlorethan	µg/l	<0.10
Trichlorethen	µg/l	<0.10
1,2-Dichlorpropan	µg/l	<0.10
Dibrommethan	µg/l	<0.10
Bromdichlormethan	µg/l	<0.10
1,3-Dichlorpropen (cis)	µg/l	<0.10
Toluol	µg/l	<0.10
1,3-Dichlorpropen(trans)	µg/l	<0.10
1,1,2-Trichlorethan	µg/l	<0.10
Tetrachlorethen	µg/l	<0.10
1,3-Dichlorpropan	µg/l	<0.10

Analysenresultate

Material: Qualitätssicherung

Probennummer		25/0618-14	
VOC			
Dibromchlormethan	µg/l	<0.10	
1,2-Dibromethan	µg/l	<0.10	
Chlorbenzol	µg/l	<0.10	
1,1,1,2-Tetrachlorethan	µg/l	<0.10	
Ethylbenzol	µg/l	<0.10	
m+p-Xylol	µg/l	<0.20	
o-Xylol	µg/l	<0.10	
MTBE	µg/l	<0.05	
ETBE	µg/l	<0.05	
Styrol	µg/l	<0.10	
Tribrommethan	µg/l	<0.10	
Isopropylbenzol	µg/l	<0.10	
1,1,2,2-Tetrachlorethan	µg/l	<0.10	
Brombenzol	µg/l	<0.10	
1,2,3-Trichlorpropan	µg/l	<0.10	
n-Propylbenzol	µg/l	<0.10	
2-Chlortoluol	µg/l	<0.10	
1,3,5-Trimethylbenzol	µg/l	<0.10	
4-Chlortoluol	µg/l	<0.10	
Tert.-Butylbenzol	µg/l	<0.10	
1,2,4-Trimethylbenzol	µg/l	<0.10	
Sec.-Butylbenzol	µg/l	<0.10	
1,3-Dichlorbenzol	µg/l	<0.10	
4-Isopropyltoluol	µg/l	<0.10	
1,4-Dichlorbenzol	µg/l	<0.10	
n-Butylbenzol	µg/l	<0.10	
1,2-Dichlorbenzol	µg/l	<0.10	
1,2-Dibrom-3-Chlorpropan	µg/l	<0.10	
1,2,4-Trichlorbenzol	µg/l	<0.10	
Hexachlorbutadien	µg/l	<0.10	
Naphthalin	µg/l	<0.10	
1,2,3-Trichlorbenzol	µg/l	<0.10	
Nitrobenzol	µg/l	<0.50	
1,1,2-Trichlor-1,2,2-trifluorethan (Freon113)	µg/l	<0.10	

Legende: * Die Methode befindet sich nicht im akkreditierten Bereich.