

Zusammenstellung der Laborwerte:

										1889					
		Konzentrationswert AltIV	Überwachungs-Schwellenwert (40% Konzentrationswert)	Doppelter Konzentrationswert AltIV		GIU 1703/24052024	GIU 170783/06/2024	GIU 171647/07/2024	GIU 172119/08/2024	GIU 172641/09/2024	GIU 173190/10/2024	GIU 168143/01/2021	GIU 174747/12/2024	GIU 174915/01/2025	
Labor Proben-Nr. GIU						22024050236	22024060429	22024070355	22024080284	22024090306	22024100269	22024110267	22024120274	22025010001	
Labor Proben-Nr. AUE BS						-	-	-	-	-	-	-	-	-	
Labor Proben-Nr. Bachema						-	-	-	-	-	-	-	-	-	
Probenahmedatum						16.05.2024	13.06.2024	18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2025	14.01.2025	
Feldparameter															
Grundwasserspiegelstand		i ü M.				247,03	247,75	247,81	247,49	247,29	247,05	247,06	247,90	247,72	
Vorgabemenge		m				720	720	720	720	720	720	720	720	720	
Entnahmetiefe		m u. OKR				10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
Temperatur		°C				17,6	17,7	17,8	18,1	17,9	18,1	18,1	18,2	18,1	
el. Leitfähigkeit (2025°C)		µS/cm				352	354	349	342	342	339	333	330	325	
pH-Wert						7,66	7,68	7,57	7,65	7,59	7,68	7,58	7,70	7,60	
Sauerstoffsättigung		mg/l				6,98	7,24	7,38	7,20	7,37	7,16	6,93	6,88	6,63	
Geruch		-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	
Farbe		-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	
Trübung		-				klar	klar	klar	klar	klar	klar	klar	klar	klar	
Elemente und Schwermetalle															
Antimon (gelöst) ICP-MS		mg/L Sb	0.01	0.004	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Arsen (gelöst) ICP-MS		mg/L As	0.05	0.020	0.1	0.0027	0.0022	0.0024	0.0030	0.0013	0.0014	0.0014	0.0014	0.0015	
Blei (gelöst) ICP-MS		mg/L Pb	0.05	0.020	0.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
Cadmium (gelöst) ICP-MS		mg/L Cd	0.005	0.0020	0.01	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	
Chrom (gelöst) ICP-MS		mg/L Cr	-	-	-	0.0025	0.0023	0.0023	0.0024	0.002	0.0020	0.002	0.0020	0.0020	
Chrom-VI (gelöst) ICP-MS		mg/L Cr-VI	0.02	0.008	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Kobalt (gelöst) ICP-MS		mg/L Co	2	0.8	4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Kupfer (gelöst) ICP-MS		mg/L Cu	1.5	0.60	3	<0.01	<0.01	<0.01	0.0010	0.0013	<0.001	<0.001	<0.001	<0.001	
Nickel (gelöst) ICP-MS		mg/L Ni	0.7	0.28	1.4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Quecksilber (gelöst) AFS		mg/L Hg	0.001	0.0004	0.002	<0.00001	<0.00001	<0.00001	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	
Silber (gelöst) ICP-MS		mg/L Ag	0.1	0.04	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Zink (gelöst) ICP-MS		mg/L Zn	5	2.0	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Zinn (gelöst) ICP-MS		mg/L Sn	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PFAS															
Perfluorbutansäure (PFBA)		µg/L	700	280	1400	0.0078	0.0069	0.0050	0.0060	0.0060	0.0040	0.0080	0.0030	0.0040	
Perfluorbutansulfonsäure (PFBS)		µg/L	350	140	700	0.0040	0.0040	0.0037	0.0041	0.0025	0.0027	0.0027	0.0019	0.0020	
Perfluorpentansäure (PFPeA)		µg/L	100	40	200	0.0140	0.0130	0.0100	0.0170	0.0071	0.0072	0.0110	0.0048	0.0073	
Perfluorhexansäure (PFHxA)		µg/L	25	10	50	0.0370	0.0410	0.0320	0.0460	0.0160	0.0130	0.0170	0.0230	0.0170	
Perfluorhexansulfonsäure (PFHxS)		µg/L	0.7	0.28	1.4	0.0040	0.0047	0.0066	0.0065	0.0043	0.0038	0.0041	0.0044	0.0029	
Perfluorheptansäure (PFHpA)		µg/L	1.5	0.6	3	0.0060	0.0084	0.0071	0.0110	0.0043	0.0056	0.0065	0.0082	0.0047	
Perfluoroctansäure (PFOA)		µg/L	0.5	0.2	1.0	0.0100	0.0110	0.0094	0.0097	0.0110	0.0062	0.0013	0.0086	0.0074	
Perfluoroctansulfonsäure (PFOS)		µg/L	0.7	0.28	1.4	0.0140	0.0120	0.0110	0.0120	0.0120	0.0140	0.0013	0.0110	0.0092	
Perfluorononansäure (PFNA)		µg/L	-	-	-	0.0010	<0.0002	0.0002	0.0004	0.0003	<0.0003	0.0007	<0.0005	<0.0005	
13PFAS		µg TEQ/L	0.05	0.02	0.1	0.058	0.048	0.046	0.054	0.047	0.045	0.057	0.043	0.033	
PAK															
Naphthalin		µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Acenaphthylen		µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Acenaphthen		µg/L	2'000	800	4'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Fluoren		µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Phenanthren		µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Anthracen		µg/L	10'000	4'000	20'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Fluoranthren		µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Pyren		µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Chrysen		µg/L	50	20	100	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzol(a)anthracen		µg/L	0.15	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzol(b)fluoranthen		µg/L	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzol(k)fluoranthen		µg/L	5	2.0	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzol(a)pyren		µg/L	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Indeno(1,2,3-c,d)pyren		µg/L	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Dibenzol(a,h)anthracen		µg/L	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzol(g,h,i)perylen		µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Summe PAK EPA		µg/L	-	-	-	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	
Amine / Aniline / Benzidine / Azoverbindungen															
Anilin		µg/L	50	20	100	<0.01	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-Chloranilin		µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3-Chloranilin		µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Chloranilin		µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,3-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,5-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,6-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3,4-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3,5-Dichloranilin		µg/L	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o-p-Tolidin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o-p/m-Tolidin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
m-Tolidin		µg/L	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
o-Tolidin		µg/L	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
p-Tolidin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4-Dimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,5-Dimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,6-Dimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,5-/2,6-Dimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,6-Diethylanilin		µg/L	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,3,4-Trichloranilin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4,5-Trichloranilin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4,6-Trichloranilin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3,4,5-Trichloranilin		µg/L	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4,5-Trimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,4,6-Trimethylanilin		µg/L	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01</			

Legende:		Überschreitung Überwachungsschwellenwert
		Überschreitung Sanierungsschwellenweg
	n.a.	nicht analysiert
	-	keine Vorgabe bekannt
	<i>LsM</i>	Lösungsmittel
	*†	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Zusammenstellung der Laborwerte:

Messspiegel					7015				1890													
					GIU 159835/10/2022	GIU 175931/02/2025	GIU 176373/03/2025	GIU 176903/04/2025	GIU 170374/05/2024	GIU 170784/06/2024	GIU 171648/07/2024	GIU 172120/08/2024	GIU 172642/09/2024	GIU 173191/10/2024	GIU 174081/11/2024	GIU 174748/12/2024	GIU 174913/01/2025	GIU 175927/02/2025	GIU 176370/03/2025	GIU 176899/04/2025		
Labor Proben-Nr. GIU		Konzentrations- wert AtIV	Überwachungs- Schwellenwert (40% Konzentrations- wert)	doppelter Konzentrations- wert AtIV	-	22025020296	22025030286	22025040175	22024060237	22024060430	22024070354	22024080285	22024090307	22024100270	22024110268	22024120275	22025010005	22025020292	22025030282	22025040171		
Labor Proben-Nr. AUE BS					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labor Proben-Nr. Bachema					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Probenahmedatum					24.10.2022	17.02.2025	17.03.2025	15.04.2025	16.05.2024	13.06.2024	18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2025	14.01.2025	17.02.2025	17.03.2025	15.04.2025		
Feldparameter																						
Grundwasserspiegelstand	m ü.M.				245.87	246.18	245.98	245.72	246.57	246.91	247.27	246.61	246.17	246.28	246.20	246.23	246.36	246.34	246.15	245.95		
Vorpumpmenge	l				1'020	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720		
Entnahmetiefe	m u. OKR				12.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0		
Temperatur	°C				19.2	19.9	19.8	19.8	18.2	18.2	18.2	18.2	18.4	18.6	18.5	18.4	18.2	17.9	17.7	17.6		
el. Leitfähigkeit (20/25°C)	µS/cm				375	381	374	368	359	356	357	359	371	362	353	349	349	347	342	349		
pH-Wert					7.53	7.40	7.40	7.45	7.55	7.56	7.51	7.75	7.55	7.54	7.49	7.64	7.58	7.71	7.47	7.59		
Sauerstoffsättigung	mg/l				6.89	6.69	6.49	6.33	7.00	7.33	7.47	7.48	7.59	7.21	7.01	6.87	6.77	6.62	6.41	6.24		
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig		
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos		
Trübung	-				schwach trüb	schwach trüb	schwach trüb	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar		
Elemente und Schwermetalle																						
Antimon (gelöst) ICP-MS	mg/L Sb	0.01	0.004	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Arsen (gelöst) ICP-MS	mg/L As	0.05	0.020	0.1	<0.001	0.0011	0.0010	0.0010	0.0019	0.0020	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0020	0.0020	0.0019	0.0019		
Blei (gelöst) ICP-MS	mg/L Pb	0.05	0.020	0.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
Cadmium (gelöst) ICP-MS	mg/L Cd	0.005	0.0020	0.01	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005		
Chrom (gelöst) ICP-MS	mg/L Cr	-	-	-	<0.002	0.0028	0.0024	0.0020	<0.002	0.0028	0.0028	0.0028	0.0022	0.0020	0.0020	0.0020	0.0020	0.0020	0.0018	0.0020		
Chrom-VI (gelöst) ICP-MS	mg/L Cr-VI	0.02	0.008	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Kobalt (gelöst) ICP-MS	mg/L Co	2	0.8	4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Kupfer (gelöst) ICP-MS	mg/L Cu	1.5	0.60	3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0010	0.0010	0.0013	<0.001	0.0010	<0.001	<0.001	<0.001	<0.001	<0.001		
Nickel (gelöst) ICP-MS	mg/L Ni	0.7	0.28	1.4	<0.001	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Quecksilber (gelöst) AFS	mg/L Hg	0.001	0.0004	0.002	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002		
Silber (gelöst) ICP-MS	mg/L Ag	0.1	0.04	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Zink (gelöst) ICP-MS	mg/L Zn	5	2.0	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Zinn (gelöst) ICP-MS	mg/L Sn	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
PFAS																						
Perfluorbutansäure (PFBA)	µg/L	700	280	1'400	0.0060	0.0063	0.0079	0.0066	0.0060	0.0060	0.0060	0.0060	0.0130	0.0080	0.0120	0.0080	0.0060	0.0063	0.0086	0.0086		
Perfluorbutansulfonsäure (PFBS)	µg/L	350	140	700	0.0080	0.0042	0.0047	0.0047	0.0100	0.0065	0.0086	0.0086	0.0140	0.0200	0.0120	0.0130	0.0075	0.0042	0.0100	0.0100		
Perfluorpentansäure (PFPA)	µg/L	100	40	200	0.0110	0.0150	0.0180	0.0220	0.0110	0.0090	0.0089	0.0089	0.0140	0.0230	0.0190	0.0140	0.0160	0.0014	0.0150	0.0190		
Perfluorhexansäure (PFHxA)	µg/L	25	10	50	0.0180	0.0150	0.0180	0.0018	0.0200	0.0150	0.0170	0.0260	0.0440	0.0280	0.0210	0.0270	0.0210	0.0150	0.0280	0.0210		
Perfluorhexansulfonsäure (PFHxS)	µg/L	0.7	0.28	1.4	0.0050	0.0230	0.0350	0.0620	0.0310	0.0280	0.0370	0.0075	0.1100	0.0460	0.0620	0.0730	0.0560	0.0230	0.1200	0.0810		
Perfluorheptansäure (PFHpA)	µg/L	1.5	0.6	3	0.0050	0.0046	0.0052	0.0056	0.0110	0.0090	0.0089	0.0074	0.0230	0.0079	0.0100	0.0074	0.0067	0.0046	0.0073	0.0057		
Perfluoroctansäure (PFOA)	µg/L	0.5	0.2	1.0	0.0070	0.0098	0.0110	0.0110	0.0110	0.0120	0.0130	0.0059	0.0180	0.0120	0.0180	0.0120	0.0100	0.0140	0.0140	0.0110		
Perfluoroctansulfonsäure (PFOS)	µg/L	0.7	0.28	1.4	0.0210	0.0130	0.0130	0.0130	0.0170	0.0150	0.0150	0.0160	0.0170	0.0190	0.0160	0.0150	0.0130	0.0120	0.0150	0.0120		
Perfluoronansäure (PFNA)	µg/L	-	-	-	<0.0005	0.0007	<0.0005	0.0006	0.0110	0.0002	<0.0002	0.0004	0.0005	0.0006	0.0010	0.0006	<0.0005	<0.0005	<0.0005	<0.0005		
ΣPFAS	µg TEQ/L	0.05	0.02	0.1	0.063	0.063	0.065	0.086	0.080	0.065	0.073	0.097	0.140	0.087	0.100	0.100	0.077	0.110	0.120	0.091		
PAK																						
Naphthalin	µg/L	1'000	400	2'000	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Acenaphthylen	µg/L	-	-	-	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Acenaphthen	µg/L	2'000	800	4'000	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Fluoren	µg/L	1'000	400	2'000	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Phenanthren	µg/L	-	-	-	<0.01	0.0072	<0.01	0.0057	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Anthracen	µg/L	10'000	4'000	20'000	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Fluoranthren	µg/L	1'000	400	2'000	<0.01	0.0078	<0.01	0.0079	<0.005	<0.005	<0.005	<0.005	<0.005									

Messstelle			Konzentrationswert AltIV	Überwachungsschwellenwert (40% Konzentrationswert)	Doppelter Konzentrationswert AltIV	GIU 170375/005/2024	GIU 170785/06/2024	GIU 171649/07/2024	GIU 172121/09/2024	GIU 172643/09/2024	GIU 173192/10/2024	GIU 174082/11/2024	GIU 174749/12/2024	GIU 174914/01/2025	GIU 175928/02/2025	-	GIU 176900/04/2025
Labor Proben-Nr. GIU						22024050234	22024060431	22024070353	22024080286	22024090308	22024100268	22024110271	22024120276	22025010004	22025020293	-	22025040356
Labor Proben-Nr. AUE BS						-	-	39328	-	-	-	-	-	-	-	-	-
Labor Proben-Nr. Bachema						-	-	-	-	-	-	-	-	-	-	-	-
Probenahmedatum						16.05.2024	13.06.2024	18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2025	14.01.2025	17.02.2025	-	15.04.2025
Feldparameter																	
Grundwasserspiegelstand	m ü M.					247.48	247.89	248.06	247.56	247.15	247.52	247.01	247.13	247.46	247.24		246.84
Vorsprungsmenge	i					720	720	720	720	720	720	720	720	720	720		720
Entnahmetiefe	m u. OKR					13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0		13.0
Temperatur °C	t					15.2	15.2	15.5	15.9	16.1	16.5	16.4	16.3	15.8	15.4		14.8
el. Leitfähigkeit (2025°C)	µS/cm					361	362	365	375	380	381	390	381	381	394		404
pH-Wert						7.55	7.56	7.29	7.61	7.39	7.51	7.37	7.48	7.34	7.33		7.41
Sauerstoffsättigung	mg/l					6.19	6.66	7.06	6.51	6.17	7.41	5.46	5.48	5.80	5.43		5.11
Geruch	-					unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig		unauffällig
Farbe	-					farlos	farlos	farlos	farlos	farlos	farlos	farlos	farlos	farlos	farlos		farlos
Trübung	-					klar	klar	klar	klar	klar	klar	klar	klar	klar	klar		klar
Elemente und Schwermetalle																	
Antimon (gelöst) ICP-MS	mg/L Sb	0.01	0.004	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
Blei (gelöst) ICP-MS	mg/L As	0.05	0.020	0.1	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		0.0010
Blei (gelöst) ICP-MS	mg/L Pb	0.05	0.020	0.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.005	<0.005	<0.005		<0.0005
Cadmium (gelöst) ICP-MS	mg/L Cd	0.005	0.0020	0.01	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005		<0.00005
Chrom (gelöst) ICP-MS	mg/L Cr	-	-	-	<0.002	<0.002	0.0016	0.0028	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		0.0020
Chrom-VI (gelöst) ICP-MS	mg/L Cr-VI	0.02	0.008	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
Kobalt (gelöst) ICP-MS	mg/L Co	2	0.8	4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
Kupfer (gelöst) ICP-MS	mg/L Cu	1.5	0.60	3	<0.001	<0.001	0.0010	0.0022	0.0010	<0.001	<0.001	<0.001	<0.001</				

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Zusammenstellung der Laborwerte:

Messpegel					6278											
Labor Proben-Nr. GIJ		Konzentrationswert AlHV	Überwachungs-Schwellenwert (40% Konzentrationswert)	doppelter Konzentrationswert AlHV	GIJ 170376/05/2024	GIJ 170786/06/2024	GIJ 171651/07/2024	GIJ 172123/08/2024	GIJ 172645/09/2024	GIJ 173194/10/2024	GIJ 174084/11/2024	GIJ 174751/12/2024	GIJ 174915/01/2025	GIJ 175930/02/2025	GIJ 176372/03/2025	GIJ 176902/04/2025
Labor Proben-Nr. AUE BS					22024050235	22024060428	2202407/0356	22024080283	22024090309	22024100271	22024110269	22024120278	22025010002	22025020295	22025030285	22025040174
Labor Proben-Nr. Bachema					-	-	39329	-	-	-	-	-	-	-	-	-
Probenahmedatum					16.05.2024	13.06.2024	18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2025	14.01.2025	17.02.2025	17.03.2025	15.04.2025
Feldparameter																
Grundwasserspiegelstand	m ü M.				246.51	246.87	246.96	246.58	246.22	246.43	246.23	246.28	246.46	246.40	246.40	245.90
Vorpumpmenge	l				720	720	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	m u. OKR				13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	°C				16.9	17.3	17.7	17.7	17.6	17.7	17.9	18.0	17.6	17.0	16.6	16.4
el. Leitfähigkeit (20/25°C)	µS/cm				374	377	385	382	369	376	381	366	365	372	364	370
pH-Wert					7.67	7.52	7.60	7.86	7.57	7.69	7.51	7.68	7.52	7.49	7.53	7.72
Sauerstoffsättigung	mg/l				7.32	7.54	7.71	7.46	7.68	7.24	7.15	7.04	6.81	6.70	6.52	6.53
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	-				klar	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle																
Antimon (gelöst) ICP-MS	mg/L Sb	0.01	0.004	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	mg/L As	0.05	0.020	0.1	0.0012	0.0013	0.0013	0.0013	0.0012	0.0013	0.0013	0.0012	0.0013	0.0014	0.0013	0.0013
Blei (gelöst) ICP-MS	mg/L Pb	0.05	0.020	0.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	mg/L Cd	0.005	0.0020	0.01	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	mg/L Cr	-	-	-	<0.002	0.0020	0.0021	0.0021	0.0021	0.0023	0.0034	0.0027	0.0026	0.0032	0.0028	0.0028
Chrom-VI (gelöst) ICP-MS	mg/L Cr-VI	0.02	0.008	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	mg/L Co	2	0.8	4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	mg/L Cu	1.5	0.60	3	<0.001	<0.001	<0.001	<0.001	0.00011	<0.001	<0.001	<0.001	<0.001	0.0048	<0.001	<0.001
Nickel (gelöst) ICP-MS	mg/L Ni	0.7	0.28	1.4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	mg/L Hg	0.001	0.0004	0.002	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	mg/L Ag	0.1	0.04	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	mg/L Zn	5	2.0	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	mg/L Sn	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS																
Perfluorbutansäure (PFBA)	µg/L	700	289	1'400	0.0060	0.0070	0.0060	0.0070	0.0080	0.0050	0.0040	0.0030	0.0060	0.0049	0.0071	0.0054
Perfluorbutansulfonsäure (PFBS)	µg/L	350	140	700	0.0040	0.0039	0.0043	0.0054	0.0030	0.0031	0.0034	0.0018	0.0021	0.0025	0.0024	0.0021
Perfluorpentansäure (PFPeA)	µg/L	100	40	200	0.0110	0.0100	0.0098	0.0150	0.0150	0.0120	0.0045	0.0140	0.0110	0.0120	0.0190	0.0180
Perfluorhexansäure (PFHxA)	µg/L	25	10	50	0.0160	0.0140	0.0140	0.0200	0.0016	0.0130	0.0130	0.0140	0.0120	0.0130	0.0130	0.0120
Perfluorhexansulfonsäure (PFHxS)	µg/L	0.7	0.28	1.4	0.0040	0.0054	0.0045	0.0055	0.0047	0.0049	0.0150	0.0180	0.0089	0.0240	0.0230	0.0360
Perfluorheptansäure (PFHpA)	µg/L	1.5	0.6	3	0.0110	0.0100	0.0098	0.0150	0.0150	0.0055	0.0087	0.0063	0.0040	0.0042	0.0044	0.0043
Perfluoroctansäure (PFOA)	µg/L	0.5	0.2	1.0	0.0090	0.0099	0.0100	0.0049	0.0008	0.0051	0.0072	0.0055	0.0053	0.0073	0.0068	0.0062
Perfluoroctansulfonsäure (PFOS)	µg/L	0.7	0.28	1.4	0.0180	0.0160	0.0140	0.0170	0.0160	0.0150	0.0180	0.0130	0.0100	0.0100	0.0100	0.0095
Perfluorononansäure (PFNA)	µg/L	-	-	-	0.0010	0.0004	0.0004	0.0170	0.0008	<0.0005	0.0008	<0.0005	0.0006	<0.0005	<0.0005	<0.0005
ΣPFAS	µg TEQ/L	0.05	0.02	0.1	0.063	0.055	0.050	0.037	0.057	0.032	0.059	0.049	0.042	0.048	0.047	0.054
PAK																
Naphthalin	µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthylen	µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	µg/L	2'000	800	4'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	µg/L	10'000	4'000	20'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthren	µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	µg/L	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	µg/L	50	20	100	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzol(a)anthracen	µg/L	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzob(f)fluoranthren	µg/L	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzok(f)fluoranthren	µg/L	5	2.0	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzol(a)pyren	µg/L	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Indeno(1,2,3-c,d)pyren	µg/L	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzol(h)anthracen	µg/L	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzol(g,h,i)perylen	µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	µg/L	-	-	-	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.
Amine / Aniline / Benzidine / Azoverbindungen																
Anilin	µg/L	50	20	100	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	µg/L	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,><																

Zusammenstellung der Laborwerte:

Messpegel					6205									
Labor Proben-Nr. GIJ		Konzentrationswert Aktiv	Überwachungs-Schwellenwert (40% Konzentrationswert)	doppelter Konzentrationswert Aktiv	GIJ 17165007/2024	GIJ 17212208/20202 4	GIJ 172644/09/2024	GIJ 173153/10/202 4	GIJ 174083/11/202 4	GIJ 174750/12/202 4		GIJ 175929/02/2025	GIJ 176371/03/2025	GIJ 176901/04/2025
Labor Proben-Nr. AUE BS					22024070357	22024080283	22024090310	22024100267	22024110270	22024120277		22025020294	22025030284	22025040173
Labor Proben-Nr. Bachema					39327	-	-	-	-	-		-	-	-
Probenahmedatum					18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2024	-	17.02.2025	17.03.2025	15.04.2025
Feldparameter														
Grundwasserspiegelstand	m ü.M.				247.26	246.83	..*	..*	..*	..*		..*	..*	..*
Vorpumpmenge	l				720	720	720	720	720	720		720	720	720
Entnahmetiefe	m u. OKR				11.0	11.0	9.5	9.5	11.0	11.0		-	-	-
Temperatur	°C				15.1	15.5	15.3	15.6	15.7	15.6		15.1	15.0	15.2
el. Leitfähigkeit (20/25°C)	µS/cm				325	327	321	325	329	328		333	334	349
pH-Wert					7.60	7.62	7.57	7.62	7.62	7.67		7.53	7.50	7.54
Sauerstoffsättigung	mg/l				7.49	7.22	7.56	7.02	6.51	6.31		5.91	5.91	6.05
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig		unauffällig	unauffällig	unauffällig
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos		farblos	farblos	farblos
Trübung	-				klar	klar	klar	klar	klar	klar		klar	klar	klar
Elemente und Schwermetalle														
Antimon (gelöst) ICP-MS	mg/L Sb	0.01	0.004	0.02	<0.01	<0.001	<0.001	<0.01	<0.001	<0.01		<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	mg/L As	0.05	0.020	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Blei (gelöst) ICP-MS	mg/L Pb	0.05	0.020	0.1	<0.0005	<0.005	<0.005	<0.0005	<0.005	<0.0005		<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	mg/L Cd	0.005	0.0020	0.01	<0.00005	<0.0005	<0.0005	<0.00005	<0.00005	<0.00005		<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	mg/L Cr	-	-	-	<0.002	<0.002	<0.002	<0.002	0.0020	<0.002		<0.002	<0.002	<0.002
Chrom-VI (gelöst) ICP-MS	mg/L Cr-VI	0.02	0.008	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	mg/L Co	2	0.8	4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	mg/L Cu	1.5	0.60	3	<0.001	0.0010	0.0028	<0.001	<0.001	<0.001		0.0024	<0.001	0.0071
Nickel (gelöst) ICP-MS	mg/L Ni	0.7	0.28	1.4	<0.001	<0.01	<0.01	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	mg/L Hg	0.001	0.0004	0.002	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002		<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	mg/L Ag	0.1	0.04	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	mg/L Zn	5	2.0	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	mg/L Sn	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
PFAS														
Perfluorbutansäure (PFBA)	µg/l	700	289	1'400	<0.005	<0.005	0.0050	0.0020	0.0030	0.0020		0.0025	0.0034	0.0026
Perfluorbutansulfonsäure (PFBS)	µg/l	350	140	700	0.0030	0.0038	0.0021	0.0028	0.0022	0.0024		0.0018	0.0019	0.0021
Perfluorpentansäure (PFPA)	µg/l	100	40	200	0.0047	0.0074	0.0054	0.0069	0.0020	0.0036		0.0041	0.0054	0.0059
Perfluorhexansäure (PFHxA)	µg/l	25	10	50	0.0110	0.0140	0.0110	0.0110	0.0130	0.0100		0.0076	0.0078	0.0087
Perfluorhexansulfonsäure (PFHxS)	µg/l	0.7	0.28	1.4	0.0015	0.0016	0.0012	0.0011	0.0020	0.0011		0.0008	0.0010	0.0012
Perfluorheptansäure (PFHpA)	µg/l	1.5	0.6	3	0.0047	0.0074	0.0054	0.0032	0.0052	0.0024		0.0016	0.0026	0.0023
Perfluoroctansäure (PFQA)	µg/l	0.5	0.2	1.0	0.0046	0.0049	0.0053	0.0038	0.0065	0.0032		0.0033	0.0027	0.0031
Perfluoroctansulfonsäure (PFOS)	µg/l	0.7	0.28	1.4	0.0100	0.0120	0.0110	0.0120	0.0100	0.0092		0.0072	0.0150	0.0082
Perfluorononansäure (PFNA)	µg/l	-	-	-	0.0002	0.0003	0.0004	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
ΣPFAS	µg TEQ/L	0.05	0.02	0.1	0.031	0.058	0.036	0.044	0.033	0.025		0.02	0.021	0.023
PAK														
Naphthalin	µg/l	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Acenaphthylen	µg/l	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Acenaphthen	µg/l	2'000	800	4'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Fluoren	µg/l	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Phenanthren	µg/l	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Anthracen	µg/l	10'000	4'000	20'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Fluoranthren	µg/l	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Pyren	µg/l	1'000	400	2'000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Chrysen	µg/l	50	20	100	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzol(a)anthracen	µg/l	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzob(f)fluoranthren	µg/l	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzok(f)fluoranthren	µg/l	5	2.0	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzol(a)pyren	µg/l	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Indenol(1,2,3-c,d)pyren	µg/l	0.5	0.20	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Dibenzol(a,h)anthracen	µg/l	0.05	0.020	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzol(g,h,i)perylen	µg/l	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Summe PAK EPA	µg/l	-	-	-	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.		k.S.m.	k.S.m.	k.S.m.
Amine / Aniline / Benzidine / Azoverbindungen														
Anilin	µg/l	50	20	100	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2-Chloranilin	µg/l	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3-Chloranilin	µg/l	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-Chloranilin	µg/l	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,3-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,4-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,5-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,6-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3,4-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3,5-Dichloranilin	µg/l	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-/p-Toluidin	µg/l	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-/p-/m-Toluidin	µg/l	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
m-Toluidin	µg/l	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-Toluidin	µg/l	20	8	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
p-Toluidin	µg/l	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,4-Dimethylanilin	µg/l	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2,5-Dimethylanilin	µg/l	2												