Geotechnisches Institut
Pfeffingerstrasse 41
4053 Basel

Zusammenstellung der Laborwerte:

Messpegel		Konzentrations-wert AltlV	Überwachungs-Schwellenwert (40% Konzentrations-wert)	doppelter Konzentrations-wert AltlV	7015																					
Labor Proben-Nr. GIU					GIU 159835/10/2022	GIU 175931/02/2025	GIU 176373/03/2025	GIU 176903/04/2025	GIU 177679/05/2025	GIU 178029/06/2025	GIU 178700/07/2025	GIU 179297/08/2025	GIU 179783/09/2025	GIU 180693/10/2025	GIU 181607/11/2025	GIU 182201/12/2025	GIU 182322/01/2026	GIU 182887/02/2026	GIU 183673/03/2026	GIU 184218/04/2026	GIU 184984/05/2026	GIU 185308/06/2026	GIU 185773/07/2026	GIU 186195/08/2026	GIU 186728/09/2026	GIU 187368/10/2026
Labor Proben-Nr. AUE BS					-	22025020296	22025030286	22025040175	22025050178	22025060319	22025070324	22025080305	22025090300	22025100194	22025110192	22025120200	22026010009	22026020280	22026030328	22026040146	22026050344	22026060355	22026070156	22026080156	22026090151	22026100158
Labor Proben-Nr. Bachema					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Probenahmedatum					24.10.2022	17.02.2025	17.03.2025	15.04.2025	27.05.2025	16.06.2025	15.07.2025	12.08.2025	15.09.2025	15.10.2025	19.11.2025	17.12.2025	14.01.2026	11.02.2026	11.03.2026	14.04.2026	27.05.2026	17.06.2026	15.07.2026	05.08.2026	09.09.2026	14.10.2026
Feldparameter																										
Grundwasserspiegelstand	*m ü.M.*				245.87	246.18	245.98	245.72	245.89	246.06	245.65	245.83	246.20	246.21	246.00	246.41	246.12	245.96	246.96	246.19	246.28	246.02	245.44	245.44	245.50	245.68
Vorpumpmenge	*l*				1'020	720	720	720	720	720	720	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	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	*°C*				19.2	19.9	19.8	19.8	19.7	19.7	19.7	19.8	19.4	19.7	20.0	20.1	19.9	19.8	19.8	19.6	19.9	19.8	19.6	18.9	17.4	17.1
el. Leitfähigkeit (20/25°C)	*µS/cm*				375	381	374	368	371	373	371	389	388	398	392	378	375	376	375	380	390	378	373	378	348	3555
pH-Wert					7.53	7.40	7.40	7.45	7.53	7.55	7.59	7.48	7.84	7.61	7.68	7.50	7.54	7.66	7.66	7.66	7.63	7.56	7.41	7.62	7.65	7.62
Sauerstoffsättigung	*mg/l*				6.89	6.69	6.49	6.33	6.30	6.66	6.39	6.57	6.91	6.80	6.77	6.78	6.71	7.10	7.00	7.08	6.94	6.67	6.58	5.98	6.85	7.05
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	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	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	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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	*mg/L As*	0.01	0.004	0.02	<0.001	**0.0011**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0013**	**0.0011**	**0.0010**	**0.0011**	**0.0011**	**0.0012**	**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	<0.0005	<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	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	*mg/L Cr*	-	-	-	<0.002	**0.0026**	**0.0024**	**0.0020**	**0.0020**	**0.0020**	**0.0020**	**0.0022**	**0.0025**	**0.0027**	**0.0027**	**0.0027**	**0.0025**	**0.0024**	**0.0023**	**0.0023**	**0.0021**	**0.0022**	**0.0020**	**0.0020**	**0.0043**	**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	<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	<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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0010**	<0.001	**0.0010**	<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	<0.001	<0.001	<0.001	<0.001	**0.0025**	<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	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<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	<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	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS																										
Perfluorbutansäure (PFBA)	*µg/L*	-	-	-	0.0060	0.0063	0.0079	0.0066	0.0059	0.0054	0.0077	0.0041	0.0068	0.0074	0.0060	0.0072	0.0063	0.0077	0.0074	0.0079	0.0074	0.0065	0.0068	0.0047	0.0032	0.0030
Perfluorbutansulfonsäure (PFBS)	*µg/L*	-	-	-	0.0080	0.0042	0.0047	0.0047	0.0056	0.0060	0.0060	0.0065	0.0060	0.0055	0.0054	0.0045	0.0057	0.0054	0.0054	0.0053	0.0054	0.0057	0.0120	0.0035	0.0022	0.0023
Perfluorpentansäure (PFPeA)	*µg/L*	-	-	-	0.0110	0.0150	0.0180	0.0220	0.0170	0.0190	0.0048	0.0190	0.0110	0.0130	0.0120	0.0220	0.0220	0.0190	0.0200	0.0280	0.0190	0.0180	0.0200	0.0120	0.0061	0.0053
Perfluorhexansäure (PFHxA)	*µg/L*	-	-	-	0.0180	0.0150	0.0180	0.0018	0.0150	0.0160	0.0170	0.0190	0.0130	0.0150	0.0140	0.0160	0.0170	0.0210	0.0210	0.0230	0.0170	0.0200	0.0310	0.0110	0.0100	0.0100
Perfluorhexansulfonsäure (PFHxS)	*µg/L*	-	-	-	0.0050	0.0230	0.0350	0.0620	0.0250	0.0170	0.0320	0.0220	0.0091	0.0210	0.0230	0.0370	0.0510	0.0230	0.0150	0.0260	0.0190	0.0170	0.0420	0.0069	0.0017	0.0014
Perfluorheptansäure (PFHpA)	*µg/L*	-	-	-	0.0050	0.0046	0.0052	0.0056	0.0047	0.0047	0.0048	0.0057	0.0043	0.0055	0.0043	0.0057	0.0075	0.0071	0.0074	0.0077	0.0060	0.0059	0.0053	0.0041	0.0027	0.0025
Perfluoroctansäure (PFOA)	*µg/L*	-	-	-	0.0070	0.0098	0.0110	0.0110	0.0098	0.0100	0.0100	0.0110	0.0086	0.0110	0.0084	0.0150	0.0140	0.0110	0.0120	0.0160	0.0086	0.0130	0.0110	0.0100	0.0055	0.0037
Perfluoroctansulfonsäure (PFOS)	*µg/L*	-	-	-	0.0210	0.0130	0.0130	0.0130	0.0140	0.0150	0.0140	0.0140	0.0150	0.0140	0.0150	0.0150	0.0160	0.0170	0.0160	0.0160	0.0180	0.0160	0.0150	0.0150	0.0110	0.0098
Perfluornonansäure (PFNA)	*µg/L*	-	-	-	<0.0005	0.0007	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	0.0005	0.0005	<0.0005	0.0007	0.0006	<0.0005	<0.0005	0.0008	0.0008	0.0008	0.0008	0.0009	0.0008	0.0006	<0.0005
Perfluordecansäure (PFDA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	0.001	<0.0005	0.001	0.001	<0.0005	<0.0005	<0.0005	<0.0005
Perfluorundekansäure (PFUnA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Capstone A (DPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Capstone B (CDPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.010	<0.010	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Σ16 PFAS	*µg TEQ/L*	0.20	0.08	0.4	0.058	0.063	0.065	0.086	0.058	0.056	0.064	0.065	0.054	0.058	0.065	0.081	0.085	0.067	0.075	0.081	0.081	0.076	0.083	0.058	0.038	0.027
PAK																										
Naphthalin	*µg/L*	1'000	400	2'000	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0099**	**0.005**	**0.006**	**0.0065**	**0.0050**	**0.0260**	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthylen	*µg/L*	-	-	-	<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	<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	<0.005	<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	<0.005	<0.005	<0.005	<0.005
Fluoren	*µg/L*	1'000	400	2'000	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	*µg/L*	-	-	-	<0.01	**0.0072**	<0.005	**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	**0.0110**	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	*µg/L*	10'000	4'000	20'000	<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	<0.005	<0.005	**0.0050**	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	*µg/L*	1'000	400	2'000	<0.01	**0.0078**	<0.005	**0.0079**	<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	<0.005	<0.005
Pyren	*µg/L*	1'000	400	2'000	<0.01	**0.005**	<0.005	**0.0058**	<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	<0.005	<0.005
Chrysen	*µg/L*	50	20	100	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	*µg/L*	1	0.2	1	<0.01	<0.005	<0.005	**0.0058**	<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	<0.005	<0.005
Benzo(b)fluoranthen	*µg/L*	1	0.2	1	<0.01	<0.005	<0.005	**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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	*µg/L*	5	2	10	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	*µg/L*	0.1	0.02	0.1	<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	<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	0.2	1	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	*µg/L*	0.1	0.02	0.1	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	*µg/L*	-	-	-	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	*µg/L*	-	-	-	k.S.m.	**0.0200**	k.S.m	**0.0309**	k.S.m	k.S.m	k.S.m	k.S.m	k.S.m	k.S.m	k.S.m	**0.0099**	**0.005**	**0.006**	**0.0065**	**0.0050**	**0.0410**	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	<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	<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	<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	<0.01	<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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
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	<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
2.6-Diethylanilin	*µg/L*	50	-	-	<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	<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	<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
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	<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
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	<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
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	<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
2.4.5-Trimethylanilin	*µg/L*	1	0.4	2	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	*µg/L*	1	0.4	2	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	*µg/L*	70	28	140	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	*µg/L*	10	4	20	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	*µg/L*	70	28	140	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	*µg/L*	70	28	140	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	*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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	*µg/L*	10	4	20	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	*µg/L*	70	-	-	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	*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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	*µg/L*	1'700	680.00	3'400	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	*µg/L*	4	1.6-52*[1]	8-260*[1]	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	*µg/L*	70	28	140	<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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert																										
2.2-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	*µg/L*	0.0015	0.0006	0.0030	n.a.	<0.00010	<0.00010	<0.0001	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme																										
Substanzen mit Konz.: <1 µg/L		-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L		-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L		-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L		-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Legende:

(gelb)	Überschreitung Überwachungsschwellenwert
(rot)	Überschreitung Sanierungsschwellenweg
n.a.	nicht analysiert
-	keine Vorgabe bekannt
LsM	Lösungsmittel
**1*	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Geotechnisches Institut
Pfeffingerstrasse 41
4053 Basel

Zusammenstellung der Laborwerte:

Messpegel		Konzentrations-wert AltlV	Überwachungs-Schwellenwert (40% Konzentrations-wert)	doppelter Konzentrations-wert AltlV	1890									
Labor Proben-Nr. GIU					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
Labor Proben-Nr. AUE BS					22024050237	22024060430	22024070354	22024080285	22024090307	22024100270	22024110268	22024120275	22025010005	22025020292
Labor Proben-Nr. Bachema					-	-	39325	-	-	-	-	-	-	-
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
Feldparameter														
Grundwasserspiegelstand	*m ü.M.*				246.57	246.91	247.27	246.61	246.17	246.28	246.20	246.23	246.36	246.34
Vorpumpmenge	*l*				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
Temperatur	*°C*				18.2	18.2	18.2	18.2	18.4	18.6	18.5	18.4	18.2	17.9
el. Leitfähigkeit (20/25°C)	*µS/cm*				359	356	357	359	371	362	353	349	349	347
pH-Wert					7.55	7.56	7.51	7.75	7.55	7.54	7.49	7.64	7.58	7.71
Sauerstoffsättigung	*mg/l*				7.00	7.33	7.47	7.48	7.59	7.21	7.01	6.87	6.77	6.62
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	-				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
Arsen (gelöst) ICP-MS	*mg/L As*	0.01	0.004	0.02	**0.0019**	**0.0020**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0020**	**0.0020**
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	<0.005	<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
Chrom (gelöst) ICP-MS	*mg/L Cr*	-	-	-	<0.002	<0.002	**0.0028**	**0.0026**	**0.0022**	**0.0020**	**0.0020**	**0.0020**	**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	<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
Kupfer (gelöst) ICP-MS	*mg/L Cu*	1.5	0.60	3	<0.001	<0.001	**0.0010**	**0.0010**	**0.0013**	<0.001	**0.0010**	<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	<0.001
Quecksilber (gelöst) AFS	*mg/L Hg*	0.001	0.0004	0.002	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<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
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
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
PFAS														
Perfluorbutansäure (PFBA)	*µg/L*	-	-	-	0.0060	0.0060	0.0060	0.0060	0.0130	0.0080	0.0120	0.0080	0.0080	0.0063
Perfluorbutansulfonsäure (PFBS)	*µg/L*	-	-	-	0.0100	0.0065	0.0086	0.0140	0.0200	0.0120	0.0120	0.0130	0.0075	0.0042
Perfluorpentansäure (PFPeA)	*µg/L*	-	-	-	0.0110	0.0090	0.0089	0.0140	0.0230	0.0190	0.0140	0.0160	0.0014	0.0150
Perfluorhexansäure (PFHxA)	*µg/L*	-	-	-	0.0200	0.0150	0.0170	0.0260	0.0440	0.0260	0.0210	0.0270	0.0210	0.0150
Perfluorhexansulfonsäure (PFHxS)	*µg/L*	-	-	-	0.0310	0.0280	0.0370	0.0075	0.1100	0.0460	0.0520	0.0730	0.0560	0.0230
Perfluorheptansäure (PFHpA)	*µg/L*	-	-	-	0.0110	0.0090	0.0089	0.0140	0.0230	0.0079	0.0100	0.0074	0.0067	0.0046
Perfluoroctansäure (PFOA)	*µg/L*	-	-	-	0.0110	0.0120	0.0130	0.0059	0.0180	0.0120	0.0180	0.0120	0.0100	0.0140
Perfluoroctansulfonsäure (PFOS)	*µg/L*	-	-	-	0.0170	0.0150	0.0150	0.0160	0.0170	0.0190	0.0160	0.0150	0.0130	0.0120
Perfluornonansäure (PFNA)	*µg/L*	-	-	-	0.0110	0.0002	<0.0002	0.0004	0.0005	0.0006	0.0010	0.0006	<0.0005	<0.0005
Perfluordecansäure (PFDA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Σ16 PFAS	*µg TEQ/L*	0.20	0.08	0.4	0.080	0.065	0.073	0.097	0.140	0.087	0.100	0.100	0.077	0.110
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
Acenaphthylen	*µg/L*	-	-	-	<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
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
Phenanthren	*µg/L*	-	-	-	<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
Fluoranthen	*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
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
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
Benzo(a)anthracen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	*µg/L*	5	2	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	*µg/L*	0.1	0.02	0.1	<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	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	*µg/L*	0.1	0.02	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(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
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.
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
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
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
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
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01
2.6-Diethylanilin	*µg/L*	50	-	-	<0.01	<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	<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	<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	<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	<0.01
2.4.5-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	*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
3-Chlor-N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	*µg/L*	70	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	*µg/L*	50	20	100							<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	*µg/L*	1'700	680.00	3'400	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	*µg/L*	4	1.6-52*1	8-260*1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert														
2.2-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.01	n.a.	n.a.	n.a.
3.4-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
4.4-Benzidin	*µg/L*	0.0015	0.0006	0.0030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme														
Substanzen mit Konz.: <1 µg/L		-	-	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel										
Labor Proben-Nr. GIU	GIU 176370/03/2025	GIU 176899/04/2025	GIU 177675/05/2025	GIU 178025/06/2025	GIU 178696/07/2025	GIU 179293/08/2025	GIU 179779/09/2025	GIU 180689/10/2025	GIU 181604/11/2025	GIU 182198/12/2025
Labor Proben-Nr. AUE BS	22025030282	22025040171	22025050174	22025060322	22025070320	22025080301	22025090296	22025100190	22025110188	22025120196
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	17.03.2025	15.04.2025	27.05.2025	16.06.2025	15.07.2025	12.08.2025	15.09.2025	15.10.2025	19.11.2025	17.12.2025
Feldparameter										
Grundwasserspiegelstand	246.15	245.95	246.06	246.24	245.86	246.00	246.32	246.38	246.55	246.65
Vorpumpmenge	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	17.7	17.6	17.4	17.4	17.7	17.9	18.2	18.4	18.2	17.9
el. Leitfähigkeit (20/25°C)	342	349	350	344	345	351	363	361	355	357
pH-Wert	7.47	7.59	7.50	7.59	7.57	7.47	7.82	7.63	7.69	7.55
Sauerstoffsättigung	6.41	6.24	6.25	6.63	6.45	6.61	6.73	6.65	6.74	6.74
Geruch	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0021**	**0.0020**	**0.0019**	**0.0019**	**0.0019**	**0.0021**
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	**0.0018**	**0.0020**	**0.0020**	<0.002	**0.0020**	**0.0020**	**0.0020**	**0.0020**	<0.002	**0.0020**
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	**0.0011**	**0.0015**	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	<0.00002	<0.00002	**0.00002**	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)	0.0086	0.0066	0.0051	0.0042	0.0069	0.0039	0.0075	0.0070	0.0061	0.0054
Perfluorbutansulfonsäure (PFBS)	0.0100	0.0100	0.0074	0.0058	0.0097	0.0094	0.0054	0.0049	0.0053	0.0063
Perfluorpentansäure (PFPeA)	0.0190	17.0000	0.0120	0.0130	0.0059	0.0160	0.0130	0.0130	0.0130	0.0210
Perfluorhexansäure (PFHxA)	0.0260	0.0210	0.0170	0.0150	0.0190	0.0220	0.0160	0.0150	0.0160	0.0160
Perfluorhexansulfonsäure (PFHxS)	0.1200	0.0810	0.0410	0.0400	0.0990	0.0730	0.0290	0.0920	0.0600	0.0760
Perfluorheptansäure (PFHpA)	0.0073	0.0057	0.0056	0.0045	0.0059	0.0065	0.0050	0.0056	0.0045	0.0061
Perfluoroctansäure (PFOA)	0.0140	0.0110	0.0100	0.0099	0.0120	0.0130	0.0099	0.0150	0.0100	0.0150
Perfluoroctansulfonsäure (PFOS)	0.0150	0.0120	0.0130	0.0130	0.0140	0.0140	0.0150	0.0150	0.0150	0.0160
Perfluornonansäure (PFNA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005
Perfluordecansäure (PFDA)	-	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	-	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	-	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	-	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	-	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	-	-	-	-	-	-	-	-	-	-
Σ16 PFAS	0.120	0.091	0.067	0.066	0.110	0.093	0.063	0.107	0.086	0.100
PAK										
Naphthalin	<0.005	<0.005	<0.005	**0.027**	<0.005	<0.005	<0.005	<0.005	**0.006**	**0.011**
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	**0.028**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	**0.019**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	**0.024**	<0.005	<0.005	<0.005	**0.0085**	**0.0060**	<0.005
Anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.005**	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	k.S.m.	k.S.m.	k.S.m.	**0.098**	k.S.m.	k.S.m	k.S.m	**0.0085**	**0.0170**	**0.0110**
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.0001	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel										
Labor Proben-Nr. GIU	GIU 182318/01/2026	GIU 182883/02/2026	GIU 183669/03/2026	GIU 184214/04/2026	GIU 184981/05/2026	GIU 185304/06/2026	GIU 185769/07/2026	GIU 186191/08/2026	GIU 186725/09/2026	GIU 187366/10/2026
Labor Proben-Nr. AUE BS	22026010005	22026020276	22026030324	22026040142	22026050340	22026060351	22026070152	22026080152	22026090147	22026100154
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	14.01.2026	11.02.2026	11.03.2026	14.04.2026	27.05.2026	17.06.2026	15.07.2026	05.08.2026	09.09.2026	14.10.2026
Feldparameter										
Grundwasserspiegelstand	246.31	246.12	246.59	246.37	246.16	245.92	245.32	245.18	245.17	245.33
Vorpumpmenge	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	17.6	17.5	17.4	17.1	17.2	17.3	17.5	17.7	18.7	19.5
el. Leitfähigkeit (20/25°C)	359	361	363	363	369	352	353	363	383	372
pH-Wert	7.66	7.68	7.64	7.78	7.72	7.63	7.42	7.72	7.65	7.56
Sauerstoffsättigung	6.55	6.98	6.69	6.88	6.76	6.68	6.92	6.82	6.48	6.67
Geruch	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	**0.0019**	**0.0020**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0019**	**0.0018**
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	**0.0020**	**0.0020**	**0.0020**	**0.0020**	<0.002	**0.0020**	**0.0020**	**0.0020**	**0.0035**	**0.0020**
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0010**	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	**0.000027**	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)	0.0068	0.0089	0.0065	0.0068	0.0078	0.0075	0.0088	0.0090	0.0069	0.0052
Perfluorbutansulfonsäure (PFBS)	0.0100	0.0120	0.0055	0.0080	0.0097	0.0130	0.0160	0.0120	0.0081	0.0031
Perfluorpentansäure (PFPeA)	0.0260	0.0220	0.0170	0.0200	0.0220	0.0210	0.0220	0.0250	0.0150	0.0094
Perfluorhexansäure (PFHxA)	0.0240	0.0300	0.0210	0.0240	0.0250	0.0370	0.0470	0.0310	0.0210	0.0110
Perfluorhexansulfonsäure (PFHxS)	0.1200	0.1000	0.0320	0.0560	0.0430	0.0510	0.0610	0.0530	0.0130	0.0044
Perfluorheptansäure (PFHpA)	0.0083	0.0078	0.0063	0.0061	0.0053	0.0053	0.0068	0.0065	0.0046	0.0033
Perfluoroctansäure (PFOA)	0.0160	0.0150	0.0120	0.0130	0.0110	0.0130	0.0130	0.0140	0.0110	0.0073
Perfluoroctansulfonsäure (PFOS)	0.0140	0.0190	0.0160	0.0150	0.0150	0.0160	0.0210	0.0230	0.0140	0.0140
Perfluornonansäure (PFNA)	<0.0005	<0.0005	0.0005	0.0006	0.0010	0.0005	0.0006	<0.0005	0.0006	0.0006
Perfluordecansäure (PFDA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Perfluorundekansäure (PFUnA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Capstone A (DPOSA)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Capstone B (CDPOSA)	<0.010	<0.010	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Σ16 PFAS	0.130	0.120	0.075	0.090	0.084	0.089	0.110	0.100	0.059	0.049
PAK										
Naphthalin	**0.006**	**0.006**	**0.0063**	<0.005	**0.0510**	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	<0.005	**0.0120**	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	**0.0060**	**0.006**	**0.0063**	k.S.m	**0.0630**	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Legende:

(gelb)	Überschreitung Überwachungsschwellenwert
(rot)	Überschreitung Sanierungssschwellenweg
n.a.	nicht analysiert
-	keine Vorgabe bekannt
LsM	Lösungsmittel
**1*	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Geotechnisches Institut
Pfeffingerstrasse 41
4053 Basel

Zusammenstellung der Laborwerte:

Messpegel		Konzentrationswert AltlV	Überwachungs-Schwellenwert (40% Konzentrationswert)	doppelter Konzentrationswert AltlV	6204									
Labor Proben-Nr. GIU					GIU 170375/05/2024	GIU 170785/06/2024	GIU 171649/07/2024	GIU 172121/08/2024	GIU 172643/09/2024	GIU 173192/10/2024	GIU 174082/11/2024	GIU 174749/12/2024	GIU 174914/01/2025	GIU 175928/02/2025
Labor Proben-Nr. AUE BS					22024050234	22024060431	22024070353	22024080286	22024090308	22024100268	22024110271	22024120276	22025010004	22025020293
Labor Proben-Nr. Bachema					-	-	39328	-	-	-	-	-	-	-
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
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
Vorpumpmenge	*l*				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
Temperatur	*°C*				15.2	15.2	15.5	15.9	16.1	16.5	16.4	16.3	15.8	15.4
el. Leitfähigkeit (20/25°C)	*µS/cm*				361	362	365	375	380	381	390	381	381	394
pH-Wert					7.55	7.56	7.29	7.61	7.39	7.51	7.37	7.48	7.34	7.33
Sauerstoffsättigung	*mg/l*				6.19	6.66	7.06	6.51	6.17	7.41	5.46	5.48	5.80	5.43
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	-				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
Arsen (gelöst) ICP-MS	*mg/L As*	0.01	0.004	0.02	**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	<0.005	<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
Chrom (gelöst) ICP-MS	*mg/L Cr*	-	-	-	<0.002	<0.002	**0.0015**	**0.0028**	<0.002	<0.002	<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	<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
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	**0.0010**
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
Quecksilber (gelöst) AFS	*mg/L Hg*	0.001	0.0004	0.002	<0.0001	<0.0001	<0.0001	<0.00002	<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
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
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
PFAS														
Perfluorbutansäure (PFBA)	*µg/L*	-	-	-	0.0060	<0.005	<0.005	<0.005	0.0080	0.0030	0.0040	0.0020	0.0050	0.0043
Perfluorbutansulfonsäure (PFBS)	*µg/L*	-	-	-	0.0040	0.0030	0.0037	0.0055	0.0036	0.0040	0.0035	0.0044	0.0031	0.0036
Perfluorpentansäure (PFPeA)	*µg/L*	-	-	-	0.0080	0.0068	0.0052	0.0091	0.0076	0.0085	0.0013	0.0024	0.0056	0.0072
Perfluorhexansäure (PFHxA)	*µg/L*	-	-	-	0.0190	0.0150	0.0150	0.0170	0.0160	0.0140	0.0110	0.0130	0.0120	0.0120
Perfluorhexansulfonsäure (PFHxS)	*µg/L*	-	-	-	0.0020	0.0023	0.0022	0.0024	0.0021	0.0017	0.0016	0.0018	0.0015	0.0015
Perfluorheptansäure (PFHpA)	*µg/L*	-	-	-	0.0080	0.0068	0.0052	0.0091	0.0076	0.0037	0.0110	0.0035	0.0034	0.0031
Perfluoroctansäure (PFOA)	*µg/L*	-	-	-	0.0070	0.0054	0.0058	0.0059	0.0069	0.0040	0.0083	0.0049	0.0040	0.0059
Perfluoroctansulfonsäure (PFOS)	*µg/L*	-	-	-	0.0160	0.0130	0.0100	0.0160	0.0069	0.0150	0.0150	0.0140	0.0110	0.0120
Perfluornonansäure (PFNA)	*µg/L*	-	-	-	0.0010	0.0002	<0.0002	0.0004	0.0005	<0.0005	0.0011	<0.0005	<0.0005	<0.0005
Perfluordecansäure (PFDA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluorooctansulfonsäure (H4PFOS)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Σ16 PFAS	*µg TEQ/L*	0.20	0.08	0.4	0.055	0.037	0.031	0.044	0.052	0.039	0.061	0.037	0.032	0.034
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
Acenaphthylen	*µg/L*	-	-	-	<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
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
Phenanthren	*µg/L*	-	-	-	<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
Fluoranthen	*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
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
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
Benzo(a)anthracen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	*µg/L*	5	2	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	*µg/L*	0.1	0.02	0.1	<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	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	*µg/L*	0.1	0.02	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(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
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.
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
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
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
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
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01
2.6-Diethylanilin	*µg/L*	50	-	-	<0.01	<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	<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	<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	<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	<0.01
2.4.5-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	*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
3-Chlor-N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	*µg/L*	70	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	*µg/L*	50	20	100							<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	*µg/L*	1'700	680.00	3'400	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	*µg/L*	4	1.6-52*1	8-260*1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert														
2.2-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.01	n.a.	n.a.	n.a.
3.4-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
4.4-Benzidin	*µg/L*	0.0015	0.0006	0.0030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme														
Substanzen mit Konz.: <1 µg/L		-	-	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel	6204 (Fortsetzung)									
Labor Proben-Nr. GIU	-	GIU 176900/04/2025	GIU 177676/05/2025	GIU 178026/06/2025	GIU 178697/07/2025	GIU 179294/08/2025	GIU 179780/09/2025	GIU 180690/10/2025	GIU 181605/11/2025	GIU 182199/12/2025
Labor Proben-Nr. AUE BS	-	22025040356	22025050432	22025060318	22025070321	22025080302	22025090297	22025100191	22025110189	22025120197
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	-	15.04.2025	27.05.2025	16.06.2025	15.07.2025	12.08.2025	15.09.2025	15.10.2025	19.11.2025	17.12.2025
Feldparameter	Beprobung nicht möglich, da der Pegel am am 17.03.2025 nicht zugänglich war									
Grundwasserspiegelstand		246.84	246.84	247.32	246.85	247.08	247.72	247.70	247.99	248.05
Vorpumpmenge		720	720	720	720	720	720	720	720	720
Entnahmetiefe		13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur		14.8	15.0	15.1	15.6	16.1	16.5	16.5	16.3	16.1
el. Leitfähigkeit (20/25°C)		404	394	384	393	406	406	402	398	389
pH-Wert		7.41	7.68	7.40	7.39	7.36	7.60	7.47	7.55	7.39
Sauerstoffsättigung		5.11	5.35	5.54	5.45	5.46	5.93	6.31	6.56	6.74
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		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS		**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**
Blei (gelöst) ICP-MS		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS		<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS		**0.0020**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chrom-VI (gelöst) ICP-MS		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS		**0.0015**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)		0.0034	0.0032	0.0030	0.0048	<0.0015	0.0069	0.0056	0.0050	0.0054
Perfluorbutansulfonsäure (PFBS)		0.0026	0.0031	0.0028	0.0038	0.0043	0.0047	0.0034	0.0038	0.0032
Perfluorpentansäure (PFPeA)		0.0065	0.0053	0.0069	0.0036	0.0071	0.0083	0.0084	0.0066	0.0091
Perfluorhexansäure (PFHxA)		0.0071	0.0100	0.0130	0.0140	0.0130	0.0190	0.0150	0.0140	0.0140
Perfluorhexansulfonsäure (PFHxS)		0.0017	0.0014	0.0016	0.0017	0.0017	0.0017	0.0020	0.0022	0.0026
Perfluorheptansäure (PFHpA)		0.0023	0.0026	0.0032	0.0036	0.0030	0.0038	0.0042	0.0033	0.0045
Perfluoroctansäure (PFOA)		0.0038	0.0047	0.0050	0.0056	0.0052	0.0054	0.0062	0.0041	0.0069
Perfluoroctansulfonsäure (PFOS)		0.0096	0.0110	0.0130	0.0130	0.0150	0.0130	0.0120	0.0130	0.0130
Perfluornonansäure (PFNA)		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Perfluordecansäure (PFDA)		-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)		-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluorooctansulfonsäure (H4PFOS)		-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure		-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)		-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)		-	-	-	-	-	-	-	-	-
Σ16 PFAS		0.027	0.030	0.036	0.037	0.039	0.037	0.036	0.034	0.040
PAK										
Naphthalin		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.025**
Acenaphthylen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren		<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		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA		k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m	k.S.m	k.S.m	k.S.m	**0.025**
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin		<0.0001	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel	6204 (Fortsetzung)									
Labor Proben-Nr. GIU	GIU 182319/01/2026	GIU 182884/02/2026	GIU 183670/03/2026	GIU 184215/04/2026	GIU 184982/05/2026	GIU 185305/06/2026	GIU 185770/07/2026	GIU 186192/08/2026	GIU 186726/09/2026	GIU 187366/10/2026
Labor Proben-Nr. AUE BS	22026010006	22026020277	22026030325	22026040143	22026050341	22026060352	22026070153	22026080153	22026090148	22026100155
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	14.01.2026	11.02.2026	11.03.2026	14.04.2026	27.05.2026	17.06.2026	15.07.2026	05.08.2026	09.09.2026	14.10.2026
Feldparameter										
Grundwasserspiegelstand	247.43	247.28	248.03	247.79	247.85	247.49	246.66	246.38	246.58	246.77
Vorpumpmenge	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	15.8	15.5	15.3	17.1	15.2	15.5	15.7	16.0	16.3	16.9
el. Leitfähigkeit (20/25°C)	381	379	374	362	364	359	354	355	376	391
pH-Wert	7.48	7.58	7.53	7.71	7.60	7.49	7.36	7.49	7.50	7.42
Sauerstoffsättigung	6.00	5.86	6.14	6.13	6.08	5.96	5.67	6.16	6.28	5.53
Geruch	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0028**	**0.0028**
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0017**	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	**0.000028**	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)	0.0036	0.0059	0.0044	0.0033	0.0033	0.0029	0.0028	0.0029	0.0049	0.0033
Perfluorbutansulfonsäure (PFBS)	0.0029	0.0026	0.0029	0.0023	0.0021	0.0024	0.0017	0.0020	0.0022	0.0025
Perfluorpentansäure (PFPeA)	0.0090	0.0093	0.0078	0.0069	0.0059	0.0054	0.0063	0.0071	0.0140	0.0069
Perfluorhexansäure (PFHxA)	0.0140	0.0220	0.0190	0.0120	0.0098	0.0130	0.0110	0.0120	0.0230	0.0130
Perfluorhexansulfonsäure (PFHxS)	0.0025	0.0023	0.0024	0.0019	0.0016	0.0017	0.0014	0.0013	0.0013	0.0012
Perfluorheptansäure (PFHpA)	0.0049	0.0049	0.0044	0.0042	0.0028	0.0032	0.0047	0.0029	0.0043	0.0027
Perfluoroctansäure (PFOA)	0.0061	0.0069	0.0069	0.0068	0.0047	0.0055	0.0051	0.0059	0.0065	0.0044
Perfluoroctansulfonsäure (PFOS)	0.0150	0.0140	0.0140	0.0130	0.0140	0.0150	0.0160	0.0160	0.0140	0.0140
Perfluornonansäure (PFNA)	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Perfluordecansäure (PFDA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Perfluorundekansäure (PFUnA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1H.1H.2H.2H-Perfluorooctansulfonsäure (H4PFOS)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Capstone A (DPOSA)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Capstone B (CDPOSA)	<0.010	<0.010	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Σ16 PFAS	0.043	0.042	0.042	0.040	0.043	0.041	0.045	0.043	0.041	0.038
PAK										
Naphthalin	**0.005**	**0.008**	**0.0063**	<0.005	**0.0086**	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	<0.005	**0.012**	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	<0.005	<0.005	<0.005	<0.005	**0.0059**	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	**0.005**	**0.008**	**0.0063**	k.S.m	**0.2680**	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Legende:

(gelb)	Überschreitung Überwachungsschwellenwert
(rot)	Überschreitung Sanierungsschwellenweg
n.a.	nicht analysiert
-	keine Vorgabe bekannt
LsM	Lösungsmittel
**1*	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Zusammenstellung der Laborwerte:

Messpegel		Konzentrationswert AltlV	Überwachungs-Schwellenwert (40% Konzentrationswert)	doppelter Konzentrationswert AltlV	6278									
Labor Proben-Nr. GIU					GIU 170376/05/2024	GIU 170786/06/2024	GIU 171651/07/2024	GIU 172123/08/2024	GIU 172645/09/2024	GIU 173194/10/2024	GIU 174084/11/2024	GIU 174751/12/2024	GIU 174915/01/2025	GIU 175930/02/2025
Labor Proben-Nr. AUE BS					22024050235	22024060428	22024070356	22024080283	22024090309	22024100271	22024110269	22024120278	22025010002	22025020295
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
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
Vorpumpmenge	*l*				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
Temperatur	*°C*				16.9	17.3	17.7	17.7	17.6	17.7	17.9	18.0	17.6	17.0
el. Leitfähigkeit (20/25°C)	*µS/cm*				374	377	385	382	369	376	381	366	365	372
pH-Wert					7.67	7.52	7.60	7.86	7.57	7.69	7.51	7.68	7.52	7.49
Sauerstoffsättigung	*mg/l*				7.32	7.54	7.71	7.46	7.68	7.24	7.15	7.04	6.81	6.70
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	-				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
Arsen (gelöst) ICP-MS	*mg/L As*	0.01	0.004	0.02	**0.0012**	**0.0013**	**0.0013**	**0.0013**	**0.0012**	**0.0013**	**0.0013**	**0.0012**	**0.0013**	**0.0014**
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	<0.005	<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
Chrom (gelöst) ICP-MS	*mg/L Cr*	-	-	-	<0.002	**0.0020**	**0.0021**	**0.0021**	**0.0021**	**0.0023**	**0.0034**	**0.0027**	**0.0025**	**0.0032**
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
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
Kupfer (gelöst) ICP-MS	*mg/L Cu*	1.5	0.60	3	<0.001	<0.001	<0.001	<0.001	**0.0011**	<0.001	<0.001	<0.001	<0.001	**0.0048**
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
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
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
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
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
PFAS														
Perfluorbutansäure (PFBA)	*µg/L*	-	-	-	0.0060	0.0070	0.0060	0.0070	0.0080	0.0050	0.0040	0.0030	0.0060	0.0049
Perfluorbutansulfonsäure (PFBS)	*µg/L*	-	-	-	0.0040	0.0039	0.0043	0.0054	0.0030	0.0031	0.0034	0.0018	0.0021	0.0025
Perfluorpentansäure (PFPeA)	*µg/L*	-	-	-	0.0110	0.0100	0.0098	0.0150	0.0150	0.0120	0.0045	0.0140	0.0110	0.0120
Perfluorhexansäure (PFHxA)	*µg/L*	-	-	-	0.0160	0.0140	0.0140	0.0200	0.0016	0.0130	0.0130	0.0140	0.0120	0.0130
Perfluorhexansulfonsäure (PFHxS)	*µg/L*	-	-	-	0.0040	0.0054	0.0045	0.0055	0.0047	0.0049	0.0150	0.0180	0.0089	0.0240
Perfluorheptansäure (PFHpA)	*µg/L*	-	-	-	0.0110	0.0100	0.0098	0.0150	0.0150	0.0055	0.0087	0.0063	0.0040	0.0042
Perfluoroctansäure (PFOA)	*µg/L*	-	-	-	0.0090	0.0099	0.0100	0.0049	0.0008	0.0051	0.0072	0.0055	0.0053	0.0073
Perfluoroctansulfonsäure (PFOS)	*µg/L*	-	-	-	0.0180	0.0160	0.0140	0.0170	0.0160	0.0150	0.0180	0.0130	0.0100	0.0100
Perfluornonansäure (PFNA)	*µg/L*	-	-	-	0.0010	0.0004	0.0004	0.0170	0.0008	<0.0005	0.0008	<0.0005	0.0006	<0.0005
Perfluordecansäure (PFDA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	-	-	-	-
Σ16 PFAS	*µg TEQ/L*	0.20	0.08	0.4	0.063	0.055	0.050	0.037	0.057	0.032	0.059	0.049	0.042	0.048
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
Acenaphthylen	*µg/L*	-	-	-	<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
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
Phenanthren	*µg/L*	-	-	-	<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
Fluoranthen	*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
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
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
Benzo(a)anthracen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	*µg/L*	5	2	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	*µg/L*	0.1	0.02	0.1	<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	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	*µg/L*	0.1	0.02	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(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
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.
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
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
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
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
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01
2.6-Diethylanilin	*µg/L*	50	-	-	<0.01	<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	<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	<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	<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	<0.01
2.4.5-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	*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
3-Chlor-N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	*µg/L*	70	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	*µg/L*	50	20	100	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	*µg/L*	1'700	680.00	3'400	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	*µg/L*	4	1.6-52*[1]	8-260*[1]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert														
2.2-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.01	n.a.	n.a.	n.a.
3.4-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	n.a.	n.a.
4.4-Benzidin	*µg/L*	0.0015	0.0006	0.0030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme														
Substanzen mit Konz.: <1 µg/L		-	-	n.a.	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L		-	-	n.a.	n.a.	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel										
Labor Proben-Nr. GIU	GIU 176372/03/2025	GIU 176902/04/2025	GIU 177678/05/2025	GIU 178028/06/2025	GIU 178699/07/2025	GIU 179296/08/2025	GIU 179782/09/2025	GIU 180692/10/2025	GIU 181606/11/2025	GIU 182200/12/2025
Labor Proben-Nr. AUE BS	22025030285	22025040174	22025050177	22025060320	22025070323	22025080304	22025090299	22025100193	22025110191	22025120199
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	17.03.2025	15.04.2025	27.05.2025	16.06.2025	15.07.2025	12.08.2025	15.09.2025	15.10.2025	19.11.2025	17.12.2025
Feldparameter										
Grundwasserspiegelstand	246.40	245.90	246.12	246.28	245.87	246.05	246.44	246.45	246.57	246.69
Vorpumpmenge	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	16.6	16.4	16.0	16.1	16.3	16.7	16.9	17.2	17.4	17.5
el. Leitfähigkeit (20/25°C)	364	370	377	364	382	376	375	397	383	382
pH-Wert	7.53	7.72	7.62	7.63	7.57	7.53	7.64	7.71	7.78	7.62
Sauerstoffsättigung	6.52	6.53	6.51	6.83	6.70	6.93	7.36	7.37	7.27	7.31
Geruch	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	**0.0013**	**0.0013**	**0.0013**	**0.0013**	**0.0012**	**0.0013**	<0.001	**0.0013**	**0.0013**	**0.0013**
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	**0.0028**	**0.0026**	**0.0028**	**0.0025**	**0.0035**	**0.0036**	<0.002	**0.0033**	**0.0026**	**0.0026**
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	**0.0010**	<0.001	**0.0010**	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	**0.0180**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)	0.0071	0.0054	0.0041	0.0038	0.0057	0.0025	0.0055	0.0067	0.0056	0.0064
Perfluorbutansulfonsäure (PFBS)	0.0024	0.0021	0.0027	0.0032	0.0035	0.0040	0.0033	0.0030	0.0031	0.0027
Perfluorpentansäure (PFPeA)	0.0190	0.0180	0.0120	0.0110	0.0040	0.0140	0.0087	0.0120	0.0130	0.0180
Perfluorhexansäure (PFHxA)	0.0130	0.0120	0.0110	0.0110	0.0120	0.0150	0.0110	0.0130	0.0150	0.0140
Perfluorhexansulfonsäure (PFHxS)	0.0230	0.0360	0.0140	0.0160	0.0300	0.0240	0.0066	0.0300	0.0180	0.0250
Perfluorheptansäure (PFHpA)	0.0044	0.0043	0.0031	0.0036	0.0040	0.0047	0.0036	0.0065	0.0053	0.0066
Perfluoroctansäure (PFOA)	0.0068	0.0082	0.0072	0.0070	0.0110	0.0100	0.0056	0.0094	0.0074	0.0100
Perfluoroctansulfonsäure (PFOS)	0.0100	0.0095	0.0120	0.0110	0.0120	0.0110	0.0120	0.0160	0.0160	0.0180
Perfluornonansäure (PFNA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0009
Perfluordecansäure (PFDA)	-	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	-	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	-	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	-	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	-	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	-	-	-	-	-	-	-	-	-	-
Σ16 PFAS	0.047	0.054	0.044	0.043	0.058	0.053	0.038	0.067	0.065	0.078
PAK										
Naphthalin	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0087**
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	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	**0.0087**
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.0001	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel										
Labor Proben-Nr. GIU	GIU 182321/01/2026	GIU 182886/02/2026	GIU 183672/03/2026	GIU 184217/04/2026	GIU 184983/05/2026	GIU 185307/06/2026	GIU 185772/07/2026	GIU 186194/08/2026	GIU 186727/09/2026	GIU 187367/10/2026
Labor Proben-Nr. AUE BS	22026010008	22026020279	22026030327	22026040145	22026050343	22026060354	22026070155	22026080155	22026090150	22026100157
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	46309
Probenahmedatum	14.01.2026	11.02.2026	11.03.2026	14.04.2026	27.05.2026	17.06.2026	15.07.2026	05.08.2026	09.09.2026	14.10.2026
Feldparameter										
Grundwasserspiegelstand	246.35	246.17	246.64	246.44	246.48	246.24	245.65	245.66	245.69	245.89
Vorpumpmenge	720	720	720	720	720	720	720	720	720	720
Entnahmetiefe	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Temperatur	17.4	17.0	16.4	16.0	16.0	16.6	16.4	16.4	16.3	16.6
el. Leitfähigkeit (20/25°C)	375	370	374	375	385	394	392	379	350	354
pH-Wert	7.65	7.71	7.07	7.73	7365.00	7.59	7.46	7.70	7.70	7.61
Sauerstoffsättigung	6.92	7.11	7.73	7.02	4.45	4.60	4.74	5.74	7.16	7.45
Geruch	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig
Farbe	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos	farblos
Trübung	klar	klar	klar	klar	klar	klar	klar	klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	**0.0014**	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	**0.0013**	**0.0013**	**0.0013**	**0.0013**	<0.001	**0.0012**	**0.0012**	**0.0011**	**0.0011**	**0.0010**
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	**0.0025**	**0.0026**	**0.0023**	**0.0022**	<0.002	<0.002	**0.0022**	**0.0021**	**0.0023**	<0.002
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)	0.0051	0.0060	0.0052	0.0048	0.0047	0.0039	0.0039	0.0043	0.0033	0.0040
Perfluorbutansulfonsäure (PFBS)	0.0035	0.0032	0.0029	0.0031	0.0029	0.0031	0.0029	0.0043	0.0022	0.0021
Perfluorpentansäure (PFPeA)	0.0180	0.0140	0.0130	0.0170	0.0120	0.0097	0.0098	0.0120	0.0067	0.0067
Perfluorhexansäure (PFHxA)	0.0140	0.0160	0.0140	0.0160	0.0110	0.0110	0.0110	0.0093	0.0094	0.0100
Perfluorhexansulfonsäure (PFHxS)	0.0170	0.0140	0.0140	0.0100	0.0120	0.0092	0.0073	0.0056	0.0021	0.0018
Perfluorheptansäure (PFHpA)	0.0055	0.0044	0.0044	0.0040	0.0039	0.0037	0.0032	0.0035	0.0026	0.0027
Perfluoroctansäure (PFOA)	0.0120	0.0085	0.0110	0.0130	0.0110	0.0110	0.0120	0.0110	0.0059	0.0048
Perfluoroctansulfonsäure (PFOS)	0.0180	0.0160	0.0160	0.0160	0.0190	0.0170	0.0180	0.0240	0.0120	0.0130
Perfluornonansäure (PFNA)	<0.0005	<0.0005	0.0006	0.0008	0.0008	0.0006	0.0006	0.0014	0.0005	<0.0005
Perfluordecansäure (PFDA)	<0.0005	<0.0005	0.001	<0.0005	<0.0005	0.001	0.001	0.001	<0.0005	<0.0005
Perfluorundekansäure (PFUnA)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Capstone A (DPOSA)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Capstone B (CDPOSA)	<0.010	<0.010	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Σ16 PFAS	0.065	0.054	0.068	0.065	0.070	0.069	0.066	0.087	0.039	0.035
PAK										
Naphthalin	**0.0060**	**0.005**	**0.0079**	**0.0074**	**0.0110**	**0.0050**	<0.005	<0.005	<0.005	<0.005
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	<0.005	**0.011**	<0.005	<0.005	<0.005	<0.005	<0.005
Anthracen	<0.005	<0.005	<0.005	<0.005	**0.005**	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	**0.0055**	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	**0.006**	**0.005**	**0.0079**	**0.0074**	**0.0325**	**0.0050**	k.S.m.	k.S.m.	k.S.m.	k.S.m.
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Legende:

(gelb)	Überschreitung Überwachungsschwellenwert
(rot)	Überschreitung Sanierungsschwellenweg
n.a.	nicht analysiert
-	keine Vorgabe bekannt
LsM	Lösungsmittel
**1*	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert

Geotechnisches Institut
Pfeffingerstrasse 41
4053 Basel

Zusammenstellung der Laborwerte:

Messpegel		Konzentrationswert AltlV	Überwachungs-Schwellenwert (40% Konzentrationswert)	doppelter Konzentrationswert AltlV	6205						
Labor Proben-Nr. GIU					GIU 171650/07/2024	GIU 172122/08/202024	GIU 172644/09/2024	GIU 173193/10/2024	GIU 174083/11/2024	GIU 174750/12/2024	-
Labor Proben-Nr. AUE BS					22024070357	22024080283	22024090310	22024100267	22024110270	22024120277	-
Labor Proben-Nr. Bachema					39327	-	-	-	-	-	-
Probenahmedatum					18.07.2024	15.08.2024	16.09.2024	15.10.2024	21.11.2024	16.12.2024	14.01.2025
Feldparameter											Beprobung nicht möglich, da der Pegel am 14.01.2025 eingefroren war
Grundwasserspiegelstand	*m ü.M.*				247.26	246.83	-*	-*	-*	-*	
Vorpumpmenge	*l*				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	
el. Leitfähigkeit (20/25°C)	*µS/cm*				325	327	321	325	329	328	
pH-Wert					7.60	7.62	7.57	7.62	7.62	7.67	
Sauerstoffsättigung	*mg/l*				7.49	7.22	7.56	7.02	6.51	6.31	
Geruch	-				unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	unauffällig	
Farbe	-				farblos	farblos	farblos	farblos	farblos	farblos	
Trübung	-				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	
Arsen (gelöst) ICP-MS	*mg/L As*	0.01	0.004	0.02	<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	
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	
Chrom (gelöst) ICP-MS	*mg/L Cr*	-	-	-	<0.002	<0.002	<0.002	<0.002	**0.0020**	<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	
Kobalt (gelöst) ICP-MS	*mg/L Co*	2	0.8	4	<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	
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	
Quecksilber (gelöst) AFS	*mg/L Hg*	0.001	0.0004	0.002	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	<0.00001	
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	
Zink (gelöst) ICP-MS	*mg/L Zn*	5	2.0	10	<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	
PFAS											
Perfluorbutansäure (PFBA)	*µg/L*	-	-	-	<0.005	<0.005	0.0050	0.0020	0.0030	0.0020	
Perfluorbutansulfonsäure (PFBS)	*µg/L*	-	-	-	0.0030	0.0038	0.0021	0.0028	0.0022	0.0024	
Perfluorpentansäure (PFPeA)	*µg/L*	-	-	-	0.0047	0.0074	0.0054	0.0069	0.0020	0.0036	
Perfluorhexansäure (PFHxA)	*µg/L*	-	-	-	0.0110	0.0140	0.0110	0.0110	0.0190	0.0100	
Perfluorhexansulfonsäure (PFHxS)	*µg/L*	-	-	-	0.0015	0.0016	0.0012	0.0011	0.0020	0.0011	
Perfluorheptansäure (PFHpA)	*µg/L*	-	-	-	0.0047	0.0074	0.0054	0.0032	0.0052	0.0024	
Perfluoroctansäure (PFOA)	*µg/L*	-	-	-	0.0046	0.0049	0.0053	0.0038	0.0065	0.0032	
Perfluoroctansulfonsäure (PFOS)	*µg/L*	-	-	-	0.0100	0.0120	0.0110	0.0120	0.0100	0.0092	
Perfluornonansäure (PFNA)	*µg/L*	-	-	-	0.0002	0.0003	0.0004	<0.0005	<0.0005	<0.0005	
Perfluordecansäure (PFDA)	*µg/L*	-	-	-	-	-	-	-	-	-	
Perfluorundekansäure (PFUnA)	*µg/L*	-	-	-	-	-	-	-	-	-	
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	*µg/L*	-	-	-	-	-	-	-	-	-	
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	*µg/L*	-	-	-	-	-	-	-	-	-	
Capstone A (DPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	
Capstone B (CDPOSA)	*µg/L*	-	-	-	-	-	-	-	-	-	
Σ16 PFAS	*µg TEQ/L*	0.20	0.08	0.4	0.031	0.058	0.036	0.044	0.033	0.025	
PAK											
Naphthalin	*µg/L*	1'000	400	2'000	<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	
Acenaphthen	*µg/L*	2'000	800	4'000	<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	
Phenanthren	*µg/L*	-	-	-	<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	
Fluoranthen	*µg/L*	1'000	400	2'000	<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	
Chrysen	*µg/L*	50	20	100	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(a)anthracen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(b)fluoranthen	*µg/L*	1	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(k)fluoranthen	*µg/L*	5	2	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(a)pyren	*µg/L*	0.1	0.02	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Indeno(1.2.3-c.d)pyren	*µg/L*	0.5	0.2	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Dibenzo(a.h)anthracen	*µg/L*	0.1	0.02	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(g.h.i)perylen	*µg/L*	-	-	-	<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.	
Amine / Aniline / Benzidine / Azoverbindungen											
Anilin	*µg/L*	50	20	100	<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	
3-Chloranilin	*µg/L*	100	40	200	<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	
2.3-Dichloranilin	*µg/L*	70	28	140	<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	
2.5-Dichloranilin	*µg/L*	70	28	140	<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	
3.4-Dichloranilin	*µg/L*	70	28	140	<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	
o-/p-Toluidin	*µg/L*	10	4	20	<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	
m-Toluidin	*µg/L*	20	8	40	<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	
p-Toluidin	*µg/L*	10	4	20	<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	
2.5-Dimethylanilin	*µg/L*	2	0.8	4	<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	
2.5-/2.6-Dimethylanilin	*µg/L*	2	0.8	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2.6-Diethylanilin	*µg/L*	50	-	-	<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	
2.4.5-Trichloranilin	*µg/L*	10	4	20	<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	
3.4.5-Trichloranilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2.4.5-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2.4.6-Trimethylanilin	*µg/L*	1	0.4	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
N.N-Diethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
N-Ethylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Chlor-2-nitroanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Bromanilin	*µg/L*	100	40	200	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3-Chlor-N.N-Dimethylanilin	*µg/L*	10	4	20	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Chlor-N.N-Diethylanilin	*µg/L*	70	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	*µg/L*	50	20	100	<0.01				<0.01	<0.01	
3-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3-Chlor-4-Methylanilin	*µg/L*	1'700	680.00	3'400	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-/5-Chlor-2-Methylanilin	*µg/L*	4	1.6	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-Chlor-4-Methylanilin	*µg/L*	4	1.6-52*1	8-260*1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
N-Methylanilin	*µg/L*	70	28	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Amine / Aniline / Benzidine / Azoverbindungen - erweitert											
2.2-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	
3.3-Dimethylbenzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	<0.01	n.a.	
3.4-Benzidin	*µg/L*	-	-	-	n.a.	n.a.	n.a.	n.a.	<0.001	n.a.	
4.4-Benzidin	*µg/L*	0.0015	0.0006	0.0030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	
GC/MS-Screening nach Oehme											
Substanzen mit Konz.: <1 µg/L		-	-	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	
Substanzen mit Konz.: 1 - 10 µg/L		-	-	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	
Substanzen mit Konz.: 10 - 100 µg/L		-	-	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	
Substanzen mit Konz.: >100 µg/L		-	-	n.a.	ohne Befund	n.a.	n.a.	n.a.	n.a.	n.a.	

Messpegel	6205								
Labor Proben-Nr. GIU	GIU 175929/02/2025	GIU 176371/03/2025	GIU 176901/04/2025	GIU 177677/05/2025	GIU 178027/06/2025	GIU 178698/07/2025	GIU 179295/08/2025	GIU 179781/09/2025	GIU 180691/10/2025
Labor Proben-Nr. AUE BS	22025020294	22025030284	22025040173	22025050176	22025060321	22025070322	22025080303	22025090298	22025100192
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-
Probenahmedatum	17.02.2025	17.03.2025	15.04.2025	27.05.2025	16.06.2025	15.07.2025	12.08.2025	15.09.2025	15.10.2025
Feldparameter									
Grundwasserspiegelstand	-*	-*	-*	-*	'-*	'-*	'-*	'-*	'-*
Vorpumpmenge	720	720	720	720	720	720	720	720	720
Entnahmetiefe	-	-	-	-	-	-	-	-	-
Temperatur	15.1	15.0	15.2	15.1	15.0	15.2	15.3	15.6	15.6
el. Leitfähigkeit (20/25°C)	333	334	349	346	339	352	360	367	380
pH-Wert	7.53	7.50	7.54	7.64	7.59	7.65	7.52	7.76	7.61
Sauerstoffsättigung	5.91	5.91	6.05	6.32	6.88	6.60	6.77	7.04	6.83
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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0019**	<0.001
Blei (gelöst) ICP-MS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chrom-VI (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS	**0.0024**	<0.001	**0.0071**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PFAS									
Perfluorbutansäure (PFBA)	0.0025	0.0034	0.0026	0.0021	0.0025	0.0037	<0.0015	0.0044	0.0051
Perfluorbutansulfonsäure (PFBS)	0.0018	0.0019	0.0021	0.0024	0.0025	0.0034	0.0034	0.0037	0.0030
Perfluorpentansäure (PFPeA)	0.0041	0.0054	0.0059	0.0042	0.0045	0.0027	0.0077	0.0047	0.0076
Perfluorhexansäure (PFHxA)	0.0076	0.0078	0.0067	0.0075	0.0110	0.0110	0.0150	0.0120	0.0170
Perfluorhexansulfonsäure (PFHxS)	0.0008	0.0010	0.0012	0.0011	0.0013	0.0013	0.0016	0.0016	0.0015
Perfluorheptansäure (PFHpA)	0.0016	0.0026	0.0023	0.0021	0.0026	0.0027	0.0032	0.0032	0.0042
Perfluoroctansäure (PFOA)	0.0033	0.0027	0.0031	0.0036	0.0041	0.0040	0.0044	0.0043	0.0050
Perfluoroctansulfonsäure (PFOS)	0.0072	0.0150	0.0082	0.0080	0.0077	0.0094	0.0100	0.0110	0.0100
Perfluornonansäure (PFNA)	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Perfluordecansäure (PFDA)	-	-	-	-	-	-	-	-	-
Perfluorundekansäure (PFUnA)	-	-	-	-	-	-	-	-	-
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)	-	-	-	-	-	-	-	-	-
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure	-	-	-	-	-	-	-	-	-
Capstone A (DPOSA)	-	-	-	-	-	-	-	-	-
Capstone B (CDPOSA)	-	-	-	-	-	-	-	-	-
Σ16 PFAS	0.02	0.021	0.023	0.023	0.028	0.027	0.029	0.031	0.031
PAK									
Naphthalin	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.005**	**0.005**
Acenaphthylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.01**
Anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Pyren	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(k)fluoranthen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(a)pyren	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g.h.i)perylen	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Summe PAK EPA	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m.	k.S.m	**0.005**	**0.010**
Amine / Aniline / Benzidine / Azoverbindungen									
Anilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.5-Dichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-/p-/m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Toluidin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.6-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.3.4-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3.4.5-Trichloranilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.5-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2.4.6-Trimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Ethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-Methylanilin	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert									
2.2-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.3-Dimethylbenzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.4-Benzidin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4.4-Benzidin	<0.00010	<0.00010	<0.0001	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme									
Substanzen mit Konz.: <1 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Messpegel	6205									
Labor Proben-Nr. GIU	-	-	GIU 182320/01/2026	GIU 182885/02/2026	GIU 183671/03/2026	GIU 184216/04/2026	-	GIU 185306/06/2026	GIU 185771/07/2026	GIU 186193/08/2026
Labor Proben-Nr. AUE BS	-	-	22026010007	22026020278	22026030326	22026040144	-	22026060353	22026070154	22026080154
Labor Proben-Nr. Bachema	-	-	-	-	-	-	-	-	-	-
Probenahmedatum	19.11.2025	17.12.2025	14.01.2026	11.02.2026	11.03.2026	14.04.2026	29.05.2026	17.06.2026	15.07.2026	05.08.2026
Feldparameter	Beprobung nicht möglich, da der Pegel am 19.11.2025 nicht zugänglich war.	Beprobung nicht möglich, da der Pegel am 17.12.2025 nicht zugänglich war.					Beprobung nicht möglich, da der Pegel am 27.05.2026 nicht zugänglich war.			
Grundwasserspiegelstand			'-*	'-*	'-*	'-*		'-*	'-*	'-*
Vorpumpmenge			720	720	720	720		720	720	720
Entnahmetiefe			-	-	-	-		-	-	-
Temperatur			15.8	15.7	15.6	15.5		15.6	15.5	15.6
el. Leitfähigkeit (20/25°C)			366	356	355	313		329	329	329
pH-Wert			7.55	7.66	7.69	8.05		7.63	7.50	7.53
Sauerstoffsättigung			6.26	6.53	5.94	6.30		6.14	6.39	6.64
Geruch			unauffällig	unauffällig	unauffällig	unauffällig		unauffällig	unauffällig	unauffällig
Farbe			farblos	farblos	farblos	farblos		farblos	farblos	farblos
Trübung			klar	klar	klar	klar		klar	klar	klar
Elemente und Schwermetalle										
Antimon (gelöst) ICP-MS			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Arsen (gelöst) ICP-MS			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Blei (gelöst) ICP-MS			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
Cadmium (gelöst) ICP-MS			<0.00005	<0.00005	<0.00005	<0.00005		<0.00005	<0.00005	<0.00005
Chrom (gelöst) ICP-MS			<0.002	<0.002	<0.002	**0.0020**		**0.0020**	**0.0020**	<0.002
Chrom-VI (gelöst) ICP-MS			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Kobalt (gelöst) ICP-MS			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Kupfer (gelöst) ICP-MS			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Nickel (gelöst) ICP-MS			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Quecksilber (gelöst) AFS			<0.00002	<0.00002	<0.00002	<0.00002		<0.00002	<0.00002	<0.00002
Silber (gelöst) ICP-MS			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Zink (gelöst) ICP-MS			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Zinn (gelöst) ICP-MS			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
PFAS										
Perfluorbutansäure (PFBA)			0.0029	0.0038	0.0037	0.0030		0.0031	0.0019	0.0047
Perfluorbutansulfonsäure (PFBS)			0.0031	0.0025	0.0029	0.0028		0.0026	0.0024	0.0035
Perfluorpentansäure (PFPeA)			0.0081	0.0050	0.0063	0.0066		0.0044	0.0057	0.0120
Perfluorhexansäure (PFHxA)			0.0130	0.0120	0.0120	0.0120		0.0090	0.0091	0.0110
Perfluorhexansulfonsäure (PFHxS)			0.0021	0.0016	0.0020	0.0018		0.0016	0.0015	0.0069
Perfluorheptansäure (PFHpA)			0.0042	0.0028	0.0037	0.0033		0.0026	0.0031	0.0041
Perfluoroctansäure (PFOA)			0.0056	0.0045	0.0052	0.0061		0.0049	0.0048	0.0100
Perfluoroctansulfonsäure (PFOS)			0.0120	0.0130	0.0110	0.0110		0.0110	0.0120	0.0150
Perfluornonansäure (PFNA)			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.0008
Perfluordecansäure (PFDA)			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
Perfluorundekansäure (PFUnA)			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
1H.1H.2H.2H-Perfluoroctansulfonsäure (H4PFOS)			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
N-EtFOSAA_N-Ethylperfluoroctansulfonamidoessigsäure			<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007
Capstone A (DPOSA)			<0.010	<0.010	<0.010	<0.010		<0.010	<0.010	<0.010
Capstone B (CDPOSA)			<0.010	<0.010	<0.015	<0.015		<0.015	<0.015	<0.015
Σ16 PFAS			0.037	0.035	0.033	0.034		0.031	0.033	0.06
PAK										
Naphthalin			**0.018**	**0.019**	**0.028**	**0.020**		**0.019**	**0.010**	**0.0061**
Acenaphthylen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Acenaphthen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Fluoren			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Phenanthren			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Anthracen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Fluoranthen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Pyren			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Chrysen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzo(a)anthracen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzo(b)fluoranthen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzo(k)fluoranthen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzo(a)pyren			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Indeno(1.2.3-c.d)pyren			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Dibenzo(a.h)anthracen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Benzo(g.h.i)perylen			<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Summe PAK EPA			**0.018**	**0.019**	**0.028**	**0.020**		**0.019**	**0.010**	**0.0061**
Amine / Aniline / Benzidine / Azoverbindungen										
Anilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2-Chloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3-Chloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-Chloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.3-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.5-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.6-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3.4-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3.5-Dichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-/p-Toluidin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-/p-/m-Toluidin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
m-Toluidin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
o-Toluidin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
p-Toluidin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.5-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.6-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.5-/2.6-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.6-Diethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.3.4-Trichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4.5-Trichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4.6-Trichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3.4.5-Trichloranilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4.5-Trimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2.4.6-Trimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
N.N-Diethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
N.N-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
N-Ethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-Chlor-2-nitroanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-Bromanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3-Chlor-N.N-Dimethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-Chlor-N.N-Diethylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
N-(1-Methyl-3-oxobutylidene)-4-chloroanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3-Chlor-2-Methylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
3-Chlor-4-Methylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
4-/5-Chlor-2-Methylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
2-Chlor-4-Methylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
N-Methylanilin			<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Amine / Aniline / Benzidine / Azoverbindungen - erweitert										
2.2-Benzidin			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
3.3-Dimethylbenzidin			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
3.4-Benzidin			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
4.4-Benzidin			<0.00010	<0.00010	**0.00012**	<0.00010		<0.00010	<0.00010	<0.00010
GC/MS-Screening nach Oehme										
Substanzen mit Konz.: <1 µg/L			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
Substanzen mit Konz.: 1 - 10 µg/L			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
Substanzen mit Konz.: 10 - 100 µg/L			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
Substanzen mit Konz.: >100 µg/L			n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.

-*: der Pegel lieg im Zelt und wurde aufgrund des Aushubfortschritts z.T. gekürzt und es kann daher keine Aussage mehr zum Grundwasserstand ab OKT getroffen werden

Legende:

(gelb)	Überschreitung Überwachungsschwellenwert
(rot)	Überschreitung Sanierungsschwellenweg
n.a.	nicht analysiert
-	keine Vorgabe bekannt
LsM	Lösungsmittel
**1*	Messwerte situativ betrachten

rot - gem. Grenzwertbestimmung 2023 mit reduziertem K-Wert