

# Wasserversorgung Malters

## Analysewerte Grundwasserpumpwerk Eiwald

Jahr	8.7. 2003	10.2. 2004	12.4. 2005	7.6. 2006	8.5. 2007	9.7. 2008	9.4. 2009	6.5. 2010	25.11. 2011	23.05. 2012	14.5. 2013	11.2. 2014	5.5. 2015	21.4. 2016	21.4. 2017	11.4. 2018	30.4. 2019	18.3. 2020	31.3. 2021	17.3. 2022	28.3. 2023	16.4. 2024	24.1. 2025	Werte Quellwasser	Mittelwert für Malters		
pH-Wert	8.2	8.0	7.8	7.7	7.7	8.0	7.7	7.7	7.6	7.7	7.7	7.7	7.6	7.8	7.6	7.6	7.6	7.7	7.7	7.8	7.5	7.9	7.6	7.8	7.7	471	460.5
El Leitfähigkeit ms/cm	440	420	404	350	355	323	352	343	353	351	338	371	356	359	365	413	394	416	433	448	445	423	450	0.10	<0.10		
Trübung TE/F				0.08	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.08	<0.08	<0.08	0.33	<0.10	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.4	<0.8	
Oxidierbarkeit KMnO4 mg/l	1.4	1.5	1.6	2.8	2.0	2.9	1.8	2.0	1.6	1.1	1.0	0.8	1.1	1.7	2.5	0.7	1.4	1.5	1.1	1.0	1.4	1.1	1.2	0.3	0.45		
DOC ab2018 TOC < mg/l	0.7	0.5	0.6	0.9	0.8	2.5	0.7	0.7	0.5	0.6	0.6	0.5	0.6	0.8	0.5	0.6	0.5	0.9	0.6	0.6	0.6	0.5	0.6	24.8	23.8		
Gesamthärte frz. H°	25.4	23.8	22.2	19.4	20.3	18.8	19.7	19.1	20.6	19.2	19.6	20.0	20.0	19.5	20.6	20.4	19.5	20.6	21.5	22.4	21.9	21.5	22.7	23.8	22.8		
Karbonathärte frz. H°	23.8	22.2	20.6	18.3	18.9	17.8	18.3	17.7	19.4	18	18.5	19	19.1	18.4	19.2	19.4	18.2	19.5	20.3	21.4	21.1	20.4	21.8	1	1.0		
Bleibende Härte frz. H°	1.6	1.6	1.6	1.1	1.4	1.0	1.4	1.4	1.2	1.2	1.1	1.0	0.9	1.1	1.4	1.0	1.3	1.1	1.2	1.0	0.8	1.1	0.9	291	278.5		
Hydrogenkarbonat mg/l														233	225	234	237	222	237	248	261	258	249	266	74	76	
Calzium mg/l	87	82	76	68	69	66	68	66	71	66	67.5	69	68	67	70	70	66	70	73	76	75	74	78	16.0	11.9		
Magnesium mg/l	9.1	8.5	7.8	6.2	7.2	5.9	6.7	6.4	7.2	7.0	6.9	6.8	7.0	6.8	7.4	7.0	7.2	7.3	8.0	8.2	7.6	7.4	7.7	4.3	5.2		
Natrium mg/l	5.4	6.3	7.2	4.7	5.2	4.4	5	4.8	5.4	5.3	5.35	5.4	5.2	5.2	5.5	5.7	5.3	5.4	5.9	6.1	6.1	6.0	6.0	<1.0	<1.4		
Kalium mg/l	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.6	1.7	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.4	1.7	1.7	1.8	1.8	2	1.8	<0.00	nn		
Ammonium mg/l	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.00		
Nitrit mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.006	<0.006			
Chlorid mg/l	6.4	8.3	9.9	5.7	7.6	3.9	5.6	6.4	6.5	5.5	6.1	6.7	6.2	6.0	6.9	6.7	7.2	6.8	6.1	6.7	6.4	6.3	5.6	2.5	4.1		
Nitrat mg/l	8.4	8.4	9.1	7.5	5.1	6.1	7.2	6.3	7.1	5.7	6.0	6.2	5.1	4.9	5.6	5.6	4.5	5.7	5.6	6.8	5.1	5.8	5	8.0	6.5		
Sulfat mg/l	11	12	12	10	12	11	11	11	12	10	10	10	9	11	11	11	12	11	11	11	11	12	10	8.5	9.2		
Ortho-Phosphat mg/l	0.005	0.006	0.006	0.016	0.009	0.011	0.008	0.010	0.005	0.009	0.009	0.008	0.007	0.010	0.007	0.006	0.006	0.004	0.004	0.005	0.008	0.006	0.006	0.006	0.006		
Sauerstoff mg/l	5.7	8.48									6.4	7.66	6.14											0			

*kursiv* = Werte gemittelt aus vorgeganger und nachgeganger Probe

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