



Jahresbericht 2023: Seewasser-Untersuchungen

	Zürichsee	Zürichobersee	Walensee
Seeoberfläche A_0 (km ²)	65.06	20.25	24.23
Seevolumen (km ³)	3.30	0.47	2.42
Grösste Tiefe (m)	136	48	145
Mittlere Tiefe (Volumen / A_0 ; m)	51	23	100
Mittlerer Abfluss (m ³ / sec)	89.2	76.1	56.7
Theoretische Aufenthaltsdauer (d)	511	59	510
Einzugsgebiet (km ²)	1'740	1'564	1'061
Umgebungsfaktor (Einzugsgebiet / A_0)	27	77	44
Höhe (m.ü.M.)	406	406	419

Die Wasserversorgung Zürich bezieht rund 70% des Rohwassers aus dem Zürichsee. Daher führt die Wasserversorgung Zürich ein umfangreiches Seen-Monitoring durch. Der grösste Teil dieser Untersuchungen wird im Auftrag der Kantone Zürich, St. Gallen, Glarus und Schwyz durchgeführt. Der Rest des Untersuchungsprogramms wird von den Seewasserwerken am Zürichsee und Zürichobersee finanziert.

Probenahmestrategie: Bei der Stelle Thalwil erfolgen die Messungen i.d.R. monatlich, die Stellen Stäfa und Lachen werden 6-mal sowie Murg 4-mal pro Jahr beprobt. Spurenstoffe wurden nur bei der Stelle Thalwil untersucht. Trihalomethane, leichtflüchtige halogenierte Kohlenwasserstoffe sowie Benzinzusatzstoffe wurden monatlich analysiert, Komplexbildner hingegen 4-mal pro Jahr. Die übrigen Spurenstoffe (z.B. Pestizid- und Arzneimittelrückstände, Industriechemikalien und anderes) wurden zum Zeitpunkt der stärksten Durchmischung (März) bzw. zum Zeitpunkt der ausgeprägtesten Schichtung (September) untersucht.

Bei allen Stellen wurden für die Phytoplankton-Bestimmungen Mischproben genommen. Für die Chlorophyll-Bestimmungen wurden bei den Stellen Stäfa, Lachen und Murg Mischproben entnommen. Ebenso wurden für die Analyse von Komplexbildnern Mischproben verwendet.

Zusammenfassung der Analysedaten:

Aufgrund des grossen Verdünnungseffekts werden Spurenstoffe im Zürichsee in der Regel in nur geringen Konzentrationen nachgewiesen. An der Seeoberfläche sind z.B. in den Sommermonaten Benzinzusatzstoffe detektierbar. Diese stammen vermutlich aus dem Boots- und Schiffsverkehr. Pestizide aus der Landwirtschaft sind im Zürichsee nicht nachweisbar. Dies ist erwartbar, da Ackerbau im Einzugsgebiet nur eine untergeordnete Rolle spielt. Hingegen sind mehrere Arzneimittel und Industriechemikalien nachweisbar. Diese gelangen vorwiegend über Abwasserreinigungsanlagen in den Zürichsee.

Die geringen (Walensee) bis mittleren (Zürichobersee, Zürichsee) Konzentrationen an Nährstoffen und Plankton-Biomassen im Seewasser stellen für eine zeitgemässe Trinkwasseraufbereitungsanlage keine grösseren Probleme dar. Auch die Toxine des Cyanobakteriums *Planktothrix rubescens*, welches die Phytoplankton-Biomasse im Zürichsee dominiert, werden durch Filtration und Ozonung effizient entfernt und abgebaut.

Die von den Seewasserwerkbetreibern gefürchtete invasive Muschelart *Dreissena bugensis* (Quaggamuschel) wurde im Zürichsee bis jetzt nicht nachgewiesen.



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Temperatur				Trübung				AMK (aerobe mesophile Keime)				
	°C				NTU				KBE/mL				
0	Minimum	5.6	5.5	4.8	6.2	< 0.4	< 0.4	< 0.4	< 0.4	36	12	94	3
	Mittel	13.4	13.7	11.9	13.0	0.8	0.9	1.5	0.6	119	107	514	104
	Maximum	23.2	22.7	19.3	21.9	2.0	1.3	4.0	1.2	240	272	1250	294
1	Minimum	5.6	5.5	4.8	6.2	< 0.4	< 0.4	< 0.4	< 0.4				
	Mittel	13.4	13.6	11.9	12.9	0.8	1.0	1.5	0.6				
	Maximum	23.2	22.5	19.3	21.9	2.1	1.6	4.1	1.1				
2.5	Minimum	5.6	5.4	4.8	6.2	< 0.4	0.4	< 0.4	< 0.4				
	Mittel	13.4	13.6	11.8	12.4	0.8	0.9	1.6	0.6				
	Maximum	23.1	22.3	18.8	20.4	2.0	1.4	4.4	1.0				
5	Minimum	5.6	5.4	4.8	6.2	< 0.4	0.4	< 0.4	< 0.4	18	13	97	39
	Mittel	13.3	13.4	11.3	11.5	0.8	1.0	2.0	0.7	105	112	651	169
	Maximum	22.7	21.8	17.2	17.6	2.1	1.4	4.3	1.2	183	214	1770	370
7.5	Minimum	5.6	5.4	4.8	6.2	< 0.4	0.4	0.4	< 0.4				
	Mittel	12.4	13.0	10.8	10.7	1.0	0.9	2.4	0.8				
	Maximum	20.5	20.6	16.7	15.3	2.6	1.3	4.8	1.4				
10	Minimum	5.6	5.4	4.8	6.2	< 0.4	0.5	< 0.4	< 0.4	25	22	73	45
	Mittel	11.3	12.4	10.4	10.1	1.4	1.5	3.0	1.2	129	146	893	100
	Maximum	19.8	20.3	15.6	14.5	4.5	4.4	7.8	2.2	380	310	1990	191
12.5	Minimum	5.6	5.4	4.8	6.2	0.5	1.1	< 0.4	< 0.4				
	Mittel	9.8	10.5	9.8	9.8	1.6	1.8	2.8	1.3				
	Maximum	15.5	16.3	14.1	13.8	4.6	2.8	7.4	2.6				
15	Minimum	5.6	5.4	4.7	6.2	< 0.4	0.6	< 0.4	< 0.4	21	22	36	37
	Mittel	8.3	8.8	9.0	9.5	1.9	1.4	2.2	1.5	90	82	532	140
	Maximum	11.3	13.3	13.2	12.8	7.1	1.9	4.9	2.8	179	213	1360	380
20	Minimum	5.6	5.2	4.8	6.2	< 0.4	< 0.4	0.9	< 0.4	27	18	92	19
	Mittel	7.2	6.8	7.6	8.9	0.7	0.6	1.9	1.1	77	51	388	138
	Maximum	8.6	8.7	10.3	11.2	2.0	1.4	4.7	1.9	300	75	830	245
30	Minimum	5.5	5.1	4.7	6.1	< 0.4	< 0.4	0.7	< 0.4	20	22	96	19
St: 24m (G)	Mittel	6.7	6.2	6.5	7.7	0.5	0.7	2.1	1.2	68	113	291	143
	Maximum	8.3	7.5	7.7	9.3	1.6	1.3	8.1	3.0	190	290	810	381
40	Minimum	5.4		4.8	6.1	< 0.4		< 0.4	< 0.4				
La: 36m (G)	Mittel	6.2		6.3	7.3	< 0.4		1.8	1.3				
	Maximum	7.3		7.3	8.9	1.6		5.0	3.4				
60	Minimum	5.3			6.1	< 0.4			< 0.4				
	Mittel	5.6			6.6	< 0.4			0.5				
	Maximum	6.0			7.2	1.5			1.0				
80	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.4			6.2	< 0.4			< 0.4				
	Maximum	5.6			6.5	1.5			< 0.4				
90	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.4			6.2	< 0.4			< 0.4				
	Maximum	5.4			6.4	1.6			< 0.4				
100	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.3			6.2	< 0.4			< 0.4				
	Maximum	5.4			6.3	1.6			< 0.4				
110	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.3			6.2	< 0.4			< 0.4				
	Maximum	5.3			6.3	1.7			< 0.4				
120	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.3			6.1	< 0.4			< 0.4				
	Maximum	5.3			6.2	1.7			< 0.4				
130	Minimum	5.2			6.1	< 0.4			< 0.4				
Mu: 140m	Mittel	5.3			6.1	0.4			< 0.4				
	Maximum	5.3			6.2	1.7			< 0.4				
Grund	Minimum	5.2			6.1	< 0.4			< 0.4				
	Mittel	5.3			6.1	0.7			< 0.4				
	Maximum	5.3			6.2	1.9			< 0.4				
0-20	Mittel	10.8	9.0	10.1	10.5	1.2	0.9	2.2	1.0	106	105	632	133
0-G/0-30	Mittel	6.4	10.3	8.6	7.1	0.4	1.1	2.1	0.5	95	101	488	135



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Enterokokken KBE/100 mL				Koloniezahl (R2A) KBE/mL				E.coli (C18) MPN/100 mL			
0 Minimum	nn	nn	nn	nn	10				nn	nn	3	1
0 Mittel	2	nn	7	nn	220				26	4	57	2
0 Maximum	17	2	22	2	580				249	12	179	5
1 Minimum												
1 Mittel												
1 Maximum												
2.5 Minimum												
2.5 Mittel												
2.5 Maximum												
5 Minimum	nn	nn	1	nn	52				1	1	6	1
5 Mittel	3	nn	12	2	238				25	7	92	4
5 Maximum	21	1	32	5	620				248	24	387	13
7.5 Minimum												
7.5 Mittel												
7.5 Maximum												
10 Minimum	nn	nn	3	nn	61				1	nn	8	1
10 Mittel	3	nn	21	6	218				34	4	281	10
10 Maximum	21	2	67	16	590				345	13	1300	25
12.5 Minimum												
12.5 Mittel												
12.5 Maximum												
15 Minimum	nn	nn	1	nn	44				nn	nn	8	1
15 Mittel	4	1	12	3	166				38	4	97	7
15 Maximum	18	6	39	6	650				365	17	488	16
20 Minimum	nn	nn	2	nn	49				nn	nn	8	1
20 Mittel	3	nn	4	6	174				24	nn	35	7
20 Maximum	15	nn	6	14	590				228	2	93	21
30 Minimum	nn	nn	nn	nn	10				nn	nn	5	1
St: 24m (G) Mittel	3	nn	3	4	143				19	2	18	6
30 Maximum	14	1	7	13	530				172	7	66	18
40 Minimum												
La: 36m (G) Mittel												
40 Maximum												
60 Minimum												
60 Mittel												
60 Maximum												
80 Minimum												
80 Mittel												
80 Maximum												
90 Minimum												
90 Mittel												
90 Maximum												
100 Minimum												
100 Mittel												
100 Maximum												
110 Minimum												
110 Mittel												
110 Maximum												
120 Minimum												
120 Mittel												
120 Maximum												
130 Minimum												
Mu: 140m Mittel												
130 Maximum												
Grund Minimum												
Grund Mittel												
Grund Maximum												
0-20 Mittel	3	nn	13	4	205				31	4	129	6
0-G/0-30 Mittel	3	nn	8	4	189				28	4	80	6



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Coliforme (C18) MPN/100 mL				Clostridium perfringens KBE/100 mL				Somatische Coliphagen PFU/mL			
0 Minimum	1	nn	9	1	nn							
0 Mittel	45	53	236	11	1							
0 Maximum	201	224	816	38	3							
1 Minimum												
1 Mittel												
1 Maximum												
2.5 Minimum												
2.5 Mittel												
2.5 Maximum												
5 Minimum	1	1	19	1	nn					1		
5 Mittel	38	65	238	19	nn					19		
5 Maximum	201	261	770	48	2					83		
7.5 Minimum												
7.5 Mittel												
7.5 Maximum												
10 Minimum	1	1	25	1	nn							
10 Mittel	42	71	268	48	nn							
10 Maximum	201	241	687	130	3							
12.5 Minimum												
12.5 Mittel												
12.5 Maximum												
15 Minimum	1	2	20	1	nn							
15 Mittel	59	51	186	36	nn							
15 Maximum	238	261	687	88	3							
20 Minimum	1	2	18	1	nn							
20 Mittel	54	52	248	27	nn							
20 Maximum	201	285	1120	45	4							
30 Minimum	1	5	7	2	nn					nn		
St: 24m (G) Mittel	54	91	458	18	nn					5		
30 Maximum	248	488	2420	51	1					26		
40 Minimum												
La: 36m (G) Mittel												
40 Maximum												
60 Minimum												
60 Mittel												
60 Maximum												
80 Minimum												
80 Mittel												
80 Maximum												
90 Minimum												
90 Mittel												
90 Maximum												
100 Minimum												
100 Mittel												
100 Maximum												
110 Minimum												
110 Mittel												
110 Maximum												
120 Minimum												
120 Mittel												
120 Maximum												
130 Minimum												
Mu: 140m Mittel												
130 Maximum												
Grund Minimum												
Grund Mittel												
Grund Maximum												
0-20 Mittel	47	60	234	31	nn							
0-G/0-30 Mittel	49	63	308	28	nn							

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	pH				pH im Gleichgewicht				Sättigungsindex				
0	Minimum	8.0	8.1	8.0	8.2	7.78	7.72	7.69	7.80	0.17	0.23	0.21	0.16
	Mittel	8.4	8.4	8.2	8.3	7.85	7.83	7.77	7.88	0.49	0.54	0.38	0.35
	Maximum	8.6	8.6	8.4	8.5	7.89	7.89	7.85	7.96	0.77	0.88	0.60	0.54
1	Minimum	7.9	8.1	8.0	8.2	7.78	7.73	7.70	7.81	0.17	0.22	0.19	0.18
	Mittel	8.4	8.4	8.2	8.3	7.85	7.83	7.78	7.89	0.49	0.54	0.39	0.39
	Maximum	8.6	8.6	8.4	8.5	7.89	7.89	7.84	7.96	0.77	0.86	0.57	0.64
2.5	Minimum	7.9	8.1	8.0	8.2	7.78	7.73	7.71	7.81	0.17	0.22	0.18	0.18
	Mittel	8.4	8.4	8.2	8.3	7.85	7.83	7.78	7.89	0.50	0.53	0.38	0.39
	Maximum	8.6	8.6	8.4	8.5	7.89	7.89	7.84	7.96	0.79	0.83	0.53	0.64
5	Minimum	8.0	8.1	8.0	8.2	7.78	7.73	7.73	7.87	0.17	0.22	0.18	0.19
	Mittel	8.4	8.4	8.1	8.4	7.85	7.83	7.79	7.91	0.49	0.52	0.29	0.38
	Maximum	8.6	8.6	8.3	8.6	7.89	7.89	7.84	7.96	0.79	0.79	0.41	0.61
7.5	Minimum	8.0	8.1	7.8	8.2	7.80	7.74	7.75	7.90	0.16	0.25	0.02	0.21
	Mittel	8.3	8.3	8.1	8.3	7.84	7.83	7.79	7.92	0.47	0.49	0.24	0.30
	Maximum	8.7	8.6	8.3	8.6	7.89	7.89	7.84	7.95	0.78	0.73	0.33	0.43
10	Minimum	8.0	8.2	7.8	8.2	7.80	7.77	7.75	7.90	0.17	0.27	0.00	0.21
	Mittel	8.3	8.3	8.0	8.3	7.84	7.83	7.79	7.92	0.49	0.51	0.21	0.30
	Maximum	8.8	8.6	8.3	8.4	7.89	7.89	7.84	7.95	0.82	0.74	0.33	0.43
12.5	Minimum	7.7	8.2	7.8	8.2	7.77	7.76	7.75	7.90	0.17	0.29	-0.02	0.20
	Mittel	8.3	8.3	8.0	8.3	7.84	7.83	7.79	7.92	0.41	0.45	0.18	0.27
	Maximum	8.7	8.5	8.3	8.4	7.89	7.89	7.84	7.95	0.64	0.71	0.34	0.33
15	Minimum	7.6	7.9	7.6	8.2	7.80	7.79	7.74	7.91	-0.13	0.08	-0.08	0.19
	Mittel	8.1	8.2	7.9	8.2	7.84	7.84	7.79	7.92	0.23	0.27	0.15	0.25
	Maximum	8.7	8.2	8.3	8.3	7.89	7.89	7.84	7.95	0.66	0.40	0.33	0.27
20	Minimum	7.5	7.5	7.6	8.2	7.82	7.81	7.75	7.92	-0.21	-0.29	-0.15	0.19
	Mittel	7.9	7.9	7.9	8.2	7.85	7.85	7.80	7.93	0.07	0.03	0.07	0.22
	Maximum	8.2	8.2	8.3	8.3	7.89	7.89	7.84	7.95	0.26	0.29	0.28	0.26
30	Minimum	7.6	7.5	7.4	8.0	7.84	7.82	7.75	7.92	-0.18	-0.32	-0.29	0.09
St: 24m (G)	Mittel	7.9	7.8	7.8	8.2	7.86	7.86	7.80	7.93	0.03	-0.01	0.01	0.18
	Maximum	8.1	8.2	8.2	8.3	7.89	7.88	7.83	7.96	0.20	0.29	0.28	0.24
40	Minimum	7.6	7.5	7.5	8.0	7.84	7.76	7.76	7.92	-0.18	-0.26	-0.26	0.11
La: 36m (G)	Mittel	7.8	7.8	7.8	8.2	7.87	7.80	7.80	7.93	0.00	0.00	0.00	0.18
	Maximum	8.1	8.2	8.2	8.3	7.89	7.83	7.83	7.95	0.16	0.27	0.27	0.21
60	Minimum	7.7	7.8	8.0	8.0	7.86	7.87	7.93	7.93	-0.16	-0.06	-0.06	0.10
	Mittel	7.8	8.1	8.1	8.1	7.87	7.87	7.93	7.93	-0.06	-0.06	-0.06	0.14
	Maximum	7.9	8.2	8.2	8.2	7.88	7.88	7.94	7.94	0.03	0.03	0.03	0.18
80	Minimum	7.5	7.8	8.0	8.0	7.87	7.87	7.93	7.93	-0.18	-0.10	-0.10	0.10
	Mittel	7.7	8.1	8.1	8.1	7.87	7.87	7.93	7.93	-0.10	-0.10	-0.10	0.10
	Maximum	7.8	8.2	8.2	8.2	7.87	7.87	7.93	7.93	0.00	0.00	0.00	0.10
90	Minimum	7.5	7.8	8.0	8.0	7.87	7.87	7.93	7.93	-0.18	-0.10	-0.10	0.10
	Mittel	7.6	8.1	8.1	8.1	7.87	7.87	7.93	7.93	-0.10	-0.10	-0.10	0.10
	Maximum	7.7	8.2	8.2	8.2	7.87	7.87	7.93	7.93	0.00	0.00	0.00	0.10
100	Minimum	7.4	7.8	8.0	8.0	7.85	7.85	7.93	7.93	-0.24	-0.18	-0.18	0.08
	Mittel	7.6	8.1	8.1	8.1	7.86	7.86	7.93	7.93	-0.18	-0.18	-0.18	0.12
	Maximum	7.7	8.2	8.2	8.2	7.87	7.87	7.93	7.93	-0.14	-0.14	-0.14	0.18
110	Minimum	7.4	7.8	8.0	8.0	7.85	7.85	7.93	7.93	-0.24	-0.18	-0.18	0.08
	Mittel	7.5	8.1	8.1	8.1	7.86	7.86	7.93	7.93	-0.18	-0.18	-0.18	0.12
	Maximum	7.6	8.2	8.2	8.2	7.87	7.87	7.93	7.93	-0.14	-0.14	-0.14	0.18
120	Minimum	7.3	7.8	8.0	8.0	7.84	7.84	7.93	7.93	-0.31	-0.26	-0.26	0.08
	Mittel	7.5	8.0	8.0	8.0	7.86	7.86	7.93	7.93	-0.26	-0.26	-0.26	0.12
	Maximum	7.6	8.2	8.2	8.2	7.86	7.86	7.93	7.93	-0.19	-0.19	-0.19	0.17
130	Minimum	7.3	7.8	8.0	8.0	7.83	7.83	7.93	7.93	-0.41	-0.32	-0.32	0.00
Mu: 140m	Mittel	7.4	8.0	8.0	8.0	7.85	7.85	7.93	7.93	-0.29	-0.29	-0.29	0.08
	Maximum	7.5	8.2	8.2	8.2	7.86	7.86	7.93	7.93	-0.21	-0.21	-0.21	0.17
Grund	Minimum	7.2	7.8	8.0	8.0	7.84	7.84	7.93	7.93	-0.39	-0.30	-0.30	-0.02
	Mittel	7.4	8.0	8.0	8.0	7.85	7.85	7.93	7.93	-0.30	-0.30	-0.30	0.07
	Maximum	7.5	8.2	8.2	8.2	7.86	7.86	7.93	7.93	-0.24	-0.24	-0.24	0.17
0-20	Mittel	8.2	6.6	8.0	8.3	7.84	6.27	7.79	7.91	0.38	0.32	0.22	0.31
0-G	Mittel	7.8	8.2	7.9	8.1	7.86	7.84	7.79	7.93	-0.04	0.32	0.13	0.16

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Leitfähigkeit bei 20 °C				freie Kohlensäure				aggressive Kohlensäure				
	µS/cm				mg/L				mg/L				
0	Minimum	206	206	232	213	0.6	0.5	1.2	0.9	-4.0	-4.6	-3.8	-2.2
	Mittel	243	237	249	220	1.5	1.3	2.1	1.5	-2.3	-2.6	-2.8	-1.7
	Maximum	265	262	263	227	2.8	2.5	2.9	2.2	-1.4	-1.8	-1.8	-1.0
1	Minimum	206	206	232	213	0.5	0.5	1.3		-4.0	-4.5	-3.6	
	Mittel	243	237	249	221	1.5	1.3	2.1		-2.3	-2.6	-2.8	
	Maximum	265	262	262	228	2.9	2.5	2.8		-1.4	-1.7	-1.5	
2.5	Minimum	206	206	232	213	0.5	0.5	1.4	0.7	-3.9	-4.4	-3.7	-2.4
	Mittel	243	237	249	221	1.5	1.3	2.1	1.4	-2.3	-2.5	-2.7	-1.7
	Maximum	265	263	262	227	2.8	2.5	2.9	2.1	-1.4	-1.7	-1.5	-1.1
5	Minimum	206	208	233	207	0.5	0.6	1.6	0.7	-3.9	-4.4	-2.9	-2.1
	Mittel	243	237	250	218	1.5	1.3	2.5	1.4	-2.3	-2.5	-2.3	-1.7
	Maximum	267	263	263	227	2.8	2.5	3.0	2.0	-1.4	-1.7	-1.5	-1.1
7.5	Minimum	209	219	236	207	0.5	0.6	2.3		-3.7	-4.3	-2.7	
	Mittel	245	240	250	217	1.5	1.4	2.8		-2.3	-2.6	-1.9	
	Maximum	269	267	263	228	2.9	2.4	4.4		-1.3	-1.8	-0.2	
10	Minimum	224	222	241	208	0.5	0.6	2.4	1.0	-3.5	-3.8	-2.8	-1.8
	Mittel	247	241	251	219	1.5	1.4	3.0	1.6	-2.4	-2.6	-1.8	-1.5
	Maximum	265	266	263	227	2.8	2.3	4.7	2.0	-1.4	-1.7	0.0	-1.2
12.5	Minimum	225	224	242	209	0.9	0.9	2.4	1.3	-3.4	-3.8	-2.9	-1.5
	Mittel	251	248	253	219	1.7	1.6	3.5	1.7	-2.4	-2.7	-1.5	-1.4
	Maximum	263	265	263	227	2.8	2.2	5.3	2.0	-1.4	-1.8	0.2	-1.2
15	Minimum	240	226	246	210	1.0	1.6	2.5	1.5	-3.5	-2.8	-2.8	-1.5
	Mittel	256	252	257	221	3.0	2.4	3.9	1.8	-1.4	-1.9	-1.2	-1.3
	Maximum	264	265	268	228	6.0	4.0	6.1	2.1	1.6	-0.8	1.0	-1.1
20	Minimum	240	253	258	215	2.5	2.2	2.7	1.7	-2.0	-2.1	-2.5	-1.5
	Mittel	257	259	263	223	4.3	5.0	5.0	1.9	-0.2	0.4	-0.3	-1.2
	Maximum	263	264	270	229	7.7	9.5	8.0	2.1	2.9	4.7	2.3	-1.1
30	Minimum	243	253	261	221	2.9	2.3	2.8	1.9	-1.7	-2.2	-2.5	-1.4
St: 24m (G)	Mittel	257	259	268	227	4.5	5.6	6.3	2.2	0.0	0.9	0.8	-1.1
	Maximum	262	263	272	233	7.0	10.3	11.0	2.7	2.4	5.4	5.4	-0.6
40	Minimum	252		262	222	2.9		2.8	2.0	-1.3		-2.4	-1.3
La: 36m (G)	Mittel	258		272	228	4.7		6.5	2.2	0.2		0.9	-1.1
	Maximum	262		279	234	7.2		11.0	2.6	2.4		5.0	-0.8
60	Minimum	257			228	4.1			2.2	-0.3			-1.1
	Mittel	259			230	5.2			2.4	0.7			-0.9
	Maximum	263			234	6.8			2.7	2.0			-0.7
80	Minimum	258			228	4.5				0.0			
	Mittel	260			231	5.8				1.2			
	Maximum	264			234	6.9				2.3			
90	Minimum	258			228								
	Mittel	261			231								
	Maximum	265			234								
100	Minimum	259			228	6.3			2.1	1.8			-1.1
	Mittel	262			231	7.2			2.5	2.5			-0.8
	Maximum	266			234	8.2			2.9	3.5			-0.6
110	Minimum	260			229								
	Mittel	263			232								
	Maximum	266			235								
120	Minimum	260			230	7.3				2.6			
	Mittel	264			233	8.8				4.0			
	Maximum	267			236	10.2				5.2			
130	Minimum	262			230	7.7			2.3	3.0			-1.1
Mu: 140m	Mittel	266			238	9.7			3.0	4.8			-0.5
	Maximum	269			241	12.7			3.6	7.7			0.0
Grund	Minimum	262			229	8.3			2.2	3.5			-1.1
	Mittel	267			238	9.9			3.0	5.0			-0.5
	Maximum	271			242	12.6			3.8	7.4			0.2
0-20	Mittel	249	196	253	220	2.2	1.6	3.2	1.6	-1.9	-1.7	-1.7	-1.5
0-G	Mittel	259	248	260	229	5.8	2.7	4.5	2.4	1.2	-1.5	-0.7	-0.9



Tiefe m													
	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Kohlensäure im Gleichgewicht				Hydrogenkarbonat				Karbonathärte				
	mg/L				mmol/L				mmol/L				
0	Minimum	2.6	2.8	4.0	3.1	1.92	1.96	2.28	1.98	0.96	0.98	1.14	0.99
	Mittel	3.7	3.9	4.9	3.2	2.28	2.30	2.53	2.13	1.14	1.15	1.26	1.07
	Maximum	4.8	5.3	5.6	3.4	2.54	2.58	2.70	2.22	1.27	1.29	1.35	1.11
1	Minimum	2.5	2.7	4.1	3.1	1.90	1.93	2.31	1.98	0.96	0.98	1.15	1.00
	Mittel	3.8	3.9	4.8	3.1	2.28	2.29	2.50	2.12	1.14	1.15	1.25	1.06
	Maximum	4.9	5.2	5.3	3.2	2.54	2.56	2.65	2.19	1.27	1.28	1.32	1.09
2.5	Minimum	2.5	2.6	4.2	3.1	1.90	1.92	2.31	2.01	0.96	0.97	1.16	1.00
	Mittel	3.7	3.9	4.8	3.1	2.28	2.29	2.50	2.12	1.15	1.15	1.25	1.06
	Maximum	4.8	5.2	5.4	3.2	2.54	2.57	2.66	2.19	1.27	1.28	1.33	1.09
5	Minimum	2.6	2.7	4.1	2.8	1.92	1.96	2.32	1.99	0.96	0.98	1.16	0.99
	Mittel	3.8	3.9	4.8	3.0	2.29	2.30	2.50	2.11	1.15	1.15	1.25	1.06
	Maximum	4.9	5.3	5.3	3.2	2.55	2.58	2.65	2.19	1.28	1.29	1.33	1.09
7.5	Minimum	3.2	3.3	4.3	2.8	2.10	2.12	2.36	2.02	1.05	1.06	1.18	1.01
	Mittel	3.9	4.0	4.8	3.0	2.31	2.34	2.51	2.12	1.16	1.17	1.25	1.06
	Maximum	4.8	5.3	5.1	3.2	2.54	2.60	2.65	2.20	1.27	1.30	1.33	1.10
10	Minimum	3.3	3.2	4.4	2.8	2.14	2.12	2.41	2.02	1.08	1.06	1.20	1.01
	Mittel	3.9	4.0	4.8	3.0	2.33	2.35	2.52	2.12	1.17	1.17	1.26	1.06
	Maximum	4.7	5.0	5.2	3.2	2.54	2.56	2.65	2.20	1.27	1.28	1.33	1.10
12.5	Minimum	3.3	3.3	4.4	2.8	2.21	2.19	2.42	2.03	1.10	1.09	1.21	1.02
	Mittel	4.1	4.3	5.0	3.1	2.40	2.43	2.56	2.14	1.20	1.22	1.28	1.07
	Maximum	4.6	4.9	5.3	3.3	2.53	2.56	2.66	2.19	1.26	1.28	1.33	1.10
15	Minimum	4.2	3.3	4.5	2.8	2.46	2.18	2.44	2.05	1.23	1.09	1.22	1.02
	Mittel	4.5	4.4	5.1	3.1	2.49	2.46	2.58	2.15	1.24	1.23	1.29	1.07
	Maximum	4.7	4.8	5.3	3.2	2.53	2.55	2.64	2.20	1.27	1.27	1.32	1.10
20	Minimum	4.2	4.3	5.1	2.9	2.47	2.49	2.59	2.08	1.23	1.25	1.29	1.04
	Mittel	4.6	4.6	5.3	3.1	2.52	2.53	2.64	2.15	1.26	1.27	1.32	1.08
	Maximum	4.9	4.9	5.7	3.3	2.58	2.57	2.66	2.19	1.29	1.29	1.33	1.10
30	Minimum	4.2	4.4	5.3	3.2	2.46	2.50	2.65	2.18	1.23	1.25	1.33	1.09
	Mittel	4.5	4.6	5.5	3.3	2.50	2.54	2.69	2.19	1.25	1.27	1.34	1.10
	Maximum	4.7	4.9	6.0	3.3	2.53	2.59	2.73	2.22	1.27	1.30	1.36	1.11
40	Minimum	4.3		5.2	3.2	2.47		2.65	2.20	1.24		1.33	1.10
	Mittel	4.5		5.6	3.3	2.51		2.70	2.20	1.26		1.35	1.10
	Maximum	4.8		6.1	3.3	2.57		2.75	2.21	1.29		1.37	1.11
60	Minimum	4.4			3.3	2.50			2.19	1.25			1.10
	Mittel	4.5			3.3	2.52			2.22	1.26			1.11
	Maximum	4.7			3.4	2.56			2.23	1.28			1.12
80	Minimum	4.5				2.51				1.26			
	Mittel	4.5				2.53				1.26			
	Maximum	4.6				2.54				1.27			
90	Minimum												
	Mittel												
	Maximum												
100	Minimum	4.5			3.2	2.53			2.20	1.27			1.10
	Mittel	4.7			3.3	2.55			2.22	1.28			1.11
	Maximum	4.9			3.4	2.57			2.26	1.28			1.13
110	Minimum												
	Mittel												
	Maximum												
120	Minimum	4.7				2.56				1.28			
	Mittel	4.8				2.58				1.29			
	Maximum	5.0				2.59				1.29			
130	Minimum	4.7			3.4	2.56			2.20	1.28			1.10
	Mittel	4.9			3.5	2.60			2.25	1.30			1.12
	Maximum	5.1			3.6	2.65			2.29	1.32			1.15
Grund	Minimum	4.7			3.3	2.57			2.21	1.28			1.10
	Mittel	4.9			3.5	2.61			2.25	1.30			1.13
	Maximum	5.2			3.6	2.66			2.29	1.33			1.14
0-20	Mittel	4.1	3.3	4.9	3.1	2.38	1.91	2.54	2.13	1.19	0.96	1.27	1.07
0-G	Mittel	4.5	4.2	5.2	3.3	2.52	2.41	2.61	2.21	1.26	1.21	1.30	1.10

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Calciumhärte				Magnesiumhärte				Gesamthärte				
	mmol/L				mmol/L				mmol/L				
0	Minimum	0.90	0.92	1.11	1.02	0.23	0.22	0.20	0.20	1.13	1.15	1.33	1.22
	Mittel	1.08	1.09	1.21	1.07	0.24	0.24	0.24	0.22	1.32	1.33	1.45	1.29
	Maximum	1.19	1.22	1.27	1.10	0.25	0.25	0.26	0.23	1.44	1.47	1.53	1.33
1	Minimum	0.90	0.92	1.12		0.22	0.21	0.20		1.13	1.14	1.34	
	Mittel	1.08	1.09	1.21		0.24	0.23	0.22		1.32	1.32	1.43	
	Maximum	1.20	1.22	1.31		0.25	0.25	0.24		1.44	1.46	1.51	
2.5	Minimum	0.89	0.91	1.12	1.03	0.23	0.23	0.18	0.19	1.13	1.14	1.34	1.22
	Mittel	1.08	1.09	1.21	1.06	0.24	0.24	0.22	0.21	1.32	1.32	1.43	1.27
	Maximum	1.19	1.21	1.30	1.10	0.26	0.25	0.24	0.23	1.44	1.47	1.51	1.33
5	Minimum	0.89	0.91	1.11	0.99	0.20	0.21	0.17	0.21	1.13	1.15	1.34	1.20
	Mittel	1.08	1.09	1.21	1.05	0.23	0.23	0.22	0.21	1.32	1.32	1.43	1.27
	Maximum	1.22	1.22	1.30	1.10	0.25	0.25	0.24	0.23	1.44	1.47	1.51	1.33
7.5	Minimum	0.98	1.00	1.14		0.19	0.21	0.18		1.22	1.24	1.36	
	Mittel	1.10	1.11	1.20		0.23	0.23	0.23		1.33	1.34	1.43	
	Maximum	1.23	1.23	1.25		0.25	0.25	0.26		1.44	1.48	1.51	
10	Minimum	1.01	1.00	1.16	1.01	0.21	0.21	0.18	0.20	1.25	1.24	1.38	1.21
	Mittel	1.11	1.11	1.22	1.06	0.23	0.23	0.23	0.21	1.34	1.35	1.44	1.27
	Maximum	1.21	1.22	1.26	1.10	0.25	0.25	0.26	0.23	1.43	1.46	1.51	1.34
12.5	Minimum	1.04	1.03	1.17	1.02	0.24	0.23	0.17	0.20	1.27	1.26	1.39	1.22
	Mittel	1.13	1.15	1.24	1.07	0.25	0.24	0.23	0.22	1.37	1.39	1.46	1.28
	Maximum	1.18	1.22	1.29	1.10	0.25	0.25	0.25	0.23	1.43	1.46	1.51	1.34
15	Minimum	1.16	1.03	1.18	1.02	0.21	0.23	0.17	0.20	1.41	1.26	1.41	1.22
	Mittel	1.18	1.17	1.25	1.07	0.24	0.24	0.22	0.22	1.42	1.41	1.47	1.29
	Maximum	1.21	1.21	1.31	1.10	0.26	0.25	0.24	0.23	1.44	1.45	1.51	1.34
20	Minimum	1.17	1.18	1.23	1.04	0.22	0.24	0.18	0.20	1.42	1.42	1.48	1.24
	Mittel	1.19	1.20	1.27	1.07	0.24	0.24	0.23	0.21	1.43	1.44	1.50	1.29
	Maximum	1.21	1.22	1.33	1.10	0.25	0.25	0.25	0.24	1.46	1.46	1.52	1.34
30	Minimum	1.16	1.18	1.28	1.07	0.18	0.24	0.18	0.19	1.41	1.43	1.50	1.29
St: 24m (G)	Mittel	1.19	1.20	1.30	1.10	0.24	0.24	0.23	0.22	1.43	1.45	1.53	1.32
	Maximum	1.24	1.22	1.37	1.12	0.25	0.25	0.25	0.23	1.45	1.47	1.55	1.33
40	Minimum	1.17		1.27	1.08	0.20		0.20	0.21	1.41		1.50	1.29
La: 36m (G)	Mittel	1.19		1.30	1.10	0.24		0.23	0.22	1.43		1.54	1.32
	Maximum	1.23		1.36	1.13	0.25		0.25	0.23	1.46		1.55	1.34
60	Minimum	1.18			1.10	0.20			0.20	1.42			1.32
	Mittel	1.20			1.12	0.24			0.21	1.44			1.33
	Maximum	1.24			1.14	0.25			0.22	1.46			1.34
80	Minimum	1.19				0.22				1.43			
	Mittel	1.20				0.24				1.44			
	Maximum	1.21				0.25				1.45			
90	Minimum												
	Mittel												
	Maximum												
100	Minimum	1.20			1.11	0.20			0.21	1.43			1.34
	Mittel	1.22			1.11	0.24			0.22	1.45			1.34
	Maximum	1.26			1.13	0.25			0.23	1.46			1.34
110	Minimum												
	Mittel												
	Maximum												
120	Minimum	1.21				0.19				1.44			
	Mittel	1.23				0.24				1.46			
	Maximum	1.28				0.25				1.47			
130	Minimum	1.21			1.14	0.19			0.19	1.45			1.34
Mu: 140m	Mittel	1.23			1.15	0.24			0.22	1.47			1.37
	Maximum	1.28			1.17	0.25			0.24	1.49			1.39
Grund	Minimum	1.21			1.11	0.21			0.23	1.45			1.35
	Mittel	1.23			1.14	0.24			0.23	1.47			1.37
	Maximum	1.26			1.18	0.25			0.24	1.49			1.40
0-20	Mittel	1.13	0.91	1.23	1.06	0.24	0.19	0.23	0.21	1.36	1.09	1.45	1.28
0-G	Mittel	1.20	1.15	1.26	1.11	0.24	0.24	0.23	0.22	1.43	1.38	1.48	1.33



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Kieselsäure als Siliciumdioxid mg/L				Ammonium µg/L				Ammonium-Stickstoff µg/L				
0	Minimum	0.4	0.6	2.2	2.6	3	< 3	9	5	< 3	< 3	7	4
	Mittel	2.5	2.2	2.7	2.9	9	9	12	7	7	6	9	5
	Maximum	4.0	3.7	3.1	3.1	26	16	16	11	20	13	13	8
1	Minimum	0.4	0.7	2.1	2.6	< 3	< 3	9	5	< 3	< 3	7	4
	Mittel	2.5	2.2	2.6	2.9	9	9	12	7	7	7	9	5
	Maximum	4.0	3.7	3.1	3.1	24	20	18	11	18	16	14	8
2.5	Minimum	0.3	0.7	2.2	2.6	< 3	< 3	9	5	< 3	< 3	7	4
	Mittel	2.5	2.2	2.7	2.9	9	10	13	8	7	7	10	6
	Maximum	4.0	3.7	3.1	3.1	26	23	20	12	20	18	15	9
5	Minimum	0.4	0.6	2.1	2.6	< 3	< 3	10	6	< 3	< 3	8	4
	Mittel	2.5	2.2	2.6	2.9	9	9	16	6	7	7	12	5
	Maximum	4.1	3.7	3.1	3.1	24	20	24	8	18	16	18	6
7.5	Minimum	0.8	1.1	2.5	2.6	< 3	< 3	11	5	< 3	< 3	9	4
	Mittel	2.6	2.3	2.7	2.9	10	13	16	7	8	10	13	6
	Maximum	4.1	3.7	3.1	3.1	33	40	26	11	26	31	20	8
10	Minimum	0.9	1.1	2.5	2.6	< 3	< 3	11	5	< 3	< 3	8	4
	Mittel	2.7	2.3	2.8	2.9	9	11	16	7	7	9	12	6
	Maximum	4.1	3.7	3.1	3.1	24	38	22	11	19	30	17	8
12.5	Minimum	1.7	1.8	2.5	2.7	< 3	< 3	8	5	< 3	< 3	6	4
	Mittel	3.0	2.7	2.9	3.0	10	10	13	9	7	7	10	7
	Maximum	4.1	3.7	3.1	3.1	20	23	20	13	15	18	15	10
15	Minimum	2.5	1.8	2.6	2.7	5	< 3	8	5	3	< 3	6	4
	Mittel	3.4	3.2	3.0	2.9	10	15	12	9	8	11	9	7
	Maximum	4.1	3.7	3.2	3.1	39	32	15	14	30	24	11	11
20	Minimum	3.3	3.4	2.8	2.8	3	5	6	5	< 3	4	5	4
	Mittel	3.9	4.1	3.3	3.0	17	11	10	9	13	8	8	7
	Maximum	4.5	4.7	3.8	3.1	55	22	18	14	43	17	14	10
30	Minimum	3.3	3.4	3.0	2.9	3	7	6	6	< 3	5	5	5
St: 24m (G)	Mittel	4.1	4.5	4.0	3.0	9	10	11	7	7	8	8	6
	Maximum	5.4	5.7	5.8	3.1	19	12	23	9	15	9	18	7
40	Minimum	3.8		3.1	3.0	< 3		8	5	< 3		6	4
La: 36m (G)	Mittel	4.3		4.5	3.1	9		36	7	7		28	5
	Maximum	4.6		7.0	3.1	26		127	9	20		99	7
60	Minimum	4.3			3.0	< 3			4	< 3			3
	Mittel	4.7			3.1	8			8	6			6
	Maximum	5.0			3.1	13			12	10			10
80	Minimum	3.9				< 3				< 3			
	Mittel	5.1				7				5			
	Maximum	5.6				12				9			
90	Minimum												
	Mittel												
	Maximum												
100	Minimum	5.3			3.1	< 3			5	< 3			4
	Mittel	5.9			3.2	6			6	5			5
	Maximum	6.5			3.3	10			8	8			6
110	Minimum												
	Mittel												
	Maximum												
120	Minimum	5.7				< 3				< 3			
	Mittel	6.7				7				5			
	Maximum	8.1				10				8			
130	Minimum	6.2			3.2	4			5	3			4
Mu: 140m	Mittel	7.4			3.5	44			7	34			6
	Maximum	8.1			3.7	213			12	165			9
Grund	Minimum	6.6			3.2	7			6	6			5
	Mittel	7.8			3.6	96			8	75			6
	Maximum	8.9			4.1	363			10	282			8
0-20	Mittel	2.9	2.2	2.9	2.9	10	9	13	8	8	7	10	6
0-G	Mittel	5.0	3.0	3.3	3.2	13	11	15	7	10	8	11	6

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Nitrit µg/L				Nitrit-Stickstoff µg/L				Fluorid mg/L				
0	Minimum	4.1	4.8	4.0	3.1	1.2	1.5	1.2	0.9	0.064	0.065	0.063	0.073
	Mittel	14.8	15.0	15.5	9.5	4.5	4.6	4.7	2.9	0.067	0.067	0.066	0.076
	Maximum	24.3	21.9	24.3	13.0	7.4	6.7	7.4	4.0	0.072	0.070	0.071	0.079
1	Minimum	3.6	5.2	3.7		1.1	1.6	1.1		0.064	0.065	0.063	
	Mittel	14.6	14.9	15.5		4.4	4.5	4.7		0.067	0.067	0.066	
	Maximum	24.5	21.5	24.9		7.5	6.5	7.6		0.071	0.069	0.071	
2.5	Minimum	4.2	3.6	3.7	2.2	1.3	1.1	1.1	0.7	0.064	0.066	0.063	0.072
	Mittel	14.7	14.3	15.5	8.5	4.5	4.4	4.7	2.6	0.068	0.067	0.066	0.075
	Maximum	25.2	20.9	24.5	11.3	7.7	6.4	7.5	3.4	0.071	0.070	0.071	0.080
5	Minimum	4.2	3.7	4.1	2.0	1.3	1.1	1.2	0.6	0.065	0.065	0.063	0.069
	Mittel	14.6	14.5	16.8	8.3	4.4	4.4	5.1	2.5	0.068	0.067	0.066	0.074
	Maximum	24.3	21.5	28.6	11.9	7.4	6.5	8.7	3.6	0.072	0.069	0.072	0.078
7.5	Minimum	4.3	4.1	4.1		1.3	1.2	1.2		0.065	0.065	0.063	
	Mittel	14.4	14.6	18.0		4.4	4.5	5.5		0.068	0.067	0.066	
	Maximum	22.7	22.2	33.0		6.9	6.8	10.0		0.071	0.069	0.071	
10	Minimum	3.8	4.3	4.1	1.9	1.2	1.3	1.2	0.6	0.064	0.066	0.063	0.068
	Mittel	13.7	14.4	18.9	8.2	4.2	4.4	5.7	2.5	0.068	0.067	0.066	0.074
	Maximum	22.3	22.9	35.5	11.1	6.8	7.0	10.8	3.4	0.071	0.069	0.071	0.079
12.5	Minimum	3.9	5.3	3.5	1.8	1.2	1.6	1.1	0.5	0.065	0.066	0.064	0.069
	Mittel	12.2	13.1	15.0	8.5	3.7	4.0	4.6	2.6	0.068	0.068	0.068	0.075
	Maximum	19.5	19.3	30.8	12.0	5.9	5.9	9.4	3.7	0.073	0.068	0.071	0.079
15	Minimum	2.4	5.5	3.9	1.8	0.7	1.7	1.2	0.5	0.064	0.066	0.063	0.073
	Mittel	10.3	16.1	12.9	8.8	3.1	4.9	3.9	2.7	0.068	0.067	0.067	0.077
	Maximum	22.0	26.0	24.9	12.7	6.7	7.9	7.6	3.9	0.071	0.069	0.071	0.079
20	Minimum	3.6	2.9	3.6	2.1	1.1	0.9	1.1	0.6	0.064	0.066	0.063	0.070
	Mittel	12.4	9.2	6.0	9.6	3.8	2.8	1.8	2.9	0.068	0.067	0.068	0.075
	Maximum	45.5	29.7	9.7	16.2	13.9	9.0	3.0	4.9	0.074	0.069	0.072	0.078
30	Minimum	1.6	4.3	2.7	1.1	0.5	1.3	0.8	0.3	0.064	0.065	0.063	0.074
St: 24m (G)	Mittel	9.5	7.1	5.4	5.8	2.9	2.2	1.7	1.8	0.067	0.067	0.067	0.079
	Maximum	57.8	13.4	8.7	12.3	17.6	4.1	2.6	3.7	0.072	0.068	0.071	0.083
40	Minimum	1.1		4.1	< 1	0.3		1.2	< 0.05	0.064		0.063	0.074
La: 36m (G)	Mittel	3.6		20.4	4.0	1.1		6.2	1.2	0.067		0.068	0.079
	Maximum	15.0		79.2	7.3	4.6		24.1	2.2	0.071		0.071	0.084
60	Minimum	1.0			< 1	0.3			< 0.05	0.064			0.079
	Mittel	3.5			1.3	1.1			0.3	0.067			0.081
	Maximum	22.6			2.0	6.9			0.6	0.070			0.084
80	Minimum	1.1				0.3				0.064			
	Mittel	2.0				0.6				0.067			
	Maximum	5.3				1.6				0.071			
90	Minimum												
	Mittel												
	Maximum												
100	Minimum	< 1			< 1	< 0.05			< 0.05	0.064			0.079
	Mittel	1.7			< 1	0.5			0.3	0.067			0.082
	Maximum	2.8			1.5	0.9			0.5	0.070			0.083
110	Minimum												
	Mittel												
	Maximum												
120	Minimum	< 1				< 0.05				0.063			
	Mittel	2.3				0.7				0.067			
	Maximum	9.4				2.9				0.072			
130	Minimum	< 1			< 1	< 0.05			< 0.05	0.064			0.079
Mu: 140m	Mittel	114.9			1.5	35.0			0.4	0.067			0.085
	Maximum	480.0			2.5	146.2			0.8	0.071			0.089
Grund	Minimum	2.4			2.1	0.7			0.6	0.063			0.078
	Mittel	194.0			3.1	59.1			1.0	0.066			0.085
	Maximum	1165.7			4.4	355.0			1.3	0.069			0.088
0-20	Mittel	13.1	11.2	14.7	8.7	4.0	3.4	4.5	2.6	0.068	0.054	0.067	0.075
0-G	Mittel	16.1	12.8	12.1	3.2	4.9	3.9	3.7	0.9	0.067	0.067	0.067	0.081

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	
	Chlorid mg/L				Nitrat mg/L				Nitrat-Stickstoff µg/L				
0	Minimum	4.1	4.0	3.0	1.1	1.2	1.2	2.2	1.5	276	276	505	330
	Mittel	5.3	5.0	3.7	1.3	2.3	2.1	2.7	2.1	529	486	610	473
	Maximum	6.2	5.9	4.9	1.5	2.9	2.9	3.1	2.4	665	647	700	543
1	Minimum	4.1	4.0	2.9	1.0	1.2	1.2	2.2	1.4	269	274	506	326
	Mittel	5.3	5.0	3.7	1.3	2.3	2.2	2.7	2.1	527	486	610	472
	Maximum	6.2	5.9	4.9	1.5	2.9	2.9	3.1	2.4	663	651	700	542
2.5	Minimum	4.1	4.0	2.8	1.0	1.2	1.2	2.2	1.4	272	274	504	326
	Mittel	5.3	5.0	3.7	1.3	2.3	2.1	2.7	2.1	528	485	608	472
	Maximum	6.2	5.9	4.9	1.5	2.9	2.9	3.1	2.4	666	646	700	542
5	Minimum	4.1	3.9	2.7	1.0	1.2	1.3	2.3	1.4	267	283	516	323
	Mittel	5.3	5.0	3.7	1.3	2.4	2.2	2.8	2.1	534	487	636	472
	Maximum	6.2	5.9	4.9	1.5	3.0	2.9	3.3	2.4	675	650	742	541
7.5	Minimum	4.0	3.3	2.9	1.0	1.2	1.5	2.4	1.6	271	331	547	343
	Mittel	5.3	4.9	3.7	1.3	2.4	2.2	2.8	2.1	535	504	623	477
	Maximum	6.2	5.9	4.9	1.5	2.9	2.9	3.1	2.4	663	658	700	542
10	Minimum	3.8	4.0	2.9	1.0	1.1	1.3	2.6	1.5	254	305	579	343
	Mittel	5.3	5.0	3.7	1.2	2.3	2.1	2.8	2.1	526	484	632	477
	Maximum	6.2	5.9	4.9	1.5	2.9	2.9	3.1	2.4	665	646	700	542
12.5	Minimum	4.4	4.0	3.0	1.0	1.3	1.4	2.6	1.6	292	307	592	363
	Mittel	5.6	5.3	3.9	1.3	2.4	2.2	2.9	2.2	549	493	654	487
	Maximum	6.2	5.9	4.9	1.5	2.9	2.8	3.1	2.4	665	636	700	541
15	Minimum	5.3	4.0	3.2	1.0	1.9	1.4	2.7	1.7	438	307	617	376
	Mittel	5.9	5.6	4.0	1.3	2.6	2.4	3.0	2.2	598	549	667	489
	Maximum	6.2	6.2	4.8	1.5	3.0	2.9	3.1	2.4	669	645	700	543
20	Minimum	5.3	5.4	3.8	1.1	2.7	2.8	2.8	1.8	603	633	640	414
	Mittel	6.0	5.8	4.3	1.3	2.9	3.0	3.1	2.2	661	669	695	497
	Maximum	6.2	6.1	4.9	1.5	3.2	3.3	3.2	2.4	719	734	723	544
30	Minimum	5.5	5.6	4.4	1.2	2.7	2.8	2.7	2.3	615	633	619	513
St: 24m (G)	Mittel	6.0	5.9	4.6	1.4	3.0	4.1	3.0	2.4	687	920	686	532
	Maximum	6.2	6.1	4.9	1.5	3.3	9.5	3.2	2.5	748	2135	714	554
40	Minimum	5.9		4.6	1.2	2.9		1.8	2.3	653		415	516
La: 36m (G)	Mittel	6.1		4.8	1.4	3.2		3.0	2.4	718		670	537
	Maximum	6.3		5.6	1.6	3.4		3.7	2.5	770		830	559
60	Minimum	5.9			1.4	3.0			2.3	687			516
	Mittel	6.1			1.5	3.2			2.4	714			543
	Maximum	6.2			1.5	3.4			2.6	772			593
80	Minimum	5.9				3.0				675			
	Mittel	6.0				3.1				706			
	Maximum	6.2				3.3				742			
90	Minimum												
	Mittel												
	Maximum												
100	Minimum	5.7			1.5	2.8			2.3	635			512
	Mittel	6.0			1.5	3.1			2.4	694			540
	Maximum	6.2			1.5	3.2			2.6	728			590
110	Minimum												
	Mittel												
	Maximum												
120	Minimum	5.9				2.8				623			
	Mittel	6.0				3.0				674			
	Maximum	6.2				3.2				730			
130	Minimum	5.9			1.5	1.0			2.3	219			513
Mu: 140m	Mittel	6.0			1.5	2.5			2.4	576			535
	Maximum	6.2			1.6	3.1			2.6	694			576
Grund	Minimum	5.9			1.5	< 0.2			2.2	< 100			504
	Mittel	6.1			1.5	2.1			2.3	469			527
	Maximum	6.2			1.6	3.0			2.6	686			576
0-20	Mittel	5.5	4.2	3.9	1.3	2.5	1.9	2.9	2.1	562	419	644	481
0-G	Mittel	6.0	5.4	4.2	1.4	2.9	2.6	2.9	2.4	666	583	663	529

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Sulfat mg/L				Phosphat-Phosphor µg/L				organischer Phosphor gelöst µg/L			
0 Minimum	13.6	13.6	12.8	17.8	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
0 Mittel	14.0	13.9	13.6	18.8	< 2	< 2	2	< 2	4	4	4	2
0 Maximum	14.7	14.2	15.0	19.3	3	3	5	2	5	5	7	3
1 Minimum	13.7	13.6	12.8		< 2	< 2	< 2		2	< 2	< 2	
1 Mittel	14.0	13.9	13.7		< 2	< 2	< 2		4	4	4	
1 Maximum	14.9	14.2	15.1		2	3	5		5	5	6	
2.5 Minimum	13.7	13.7	12.8	17.8	< 2	< 2	< 2	< 2	< 2	< 2	< 2	3
2.5 Mittel	14.0	14.0	13.5	18.6	< 2	< 2	2	< 2	4	3	4	3
2.5 Maximum	14.8	14.2	15.1	19.3	2	2	5	< 2	5	4	5	4
5 Minimum	13.7	13.7	12.7	17.6	< 2	< 2	< 2	< 2	2	< 2	< 2	2
5 Mittel	14.0	13.9	13.5	18.4	< 2	< 2	2	< 2	4	3	3	3
5 Maximum	14.8	14.2	15.1	19.3	2	2	5	< 2	5	4	5	4
7.5 Minimum	13.6	13.7	13.0		< 2	< 2	< 2		3	< 2	< 2	
7.5 Mittel	13.9	13.9	13.6		< 2	< 2	2		4	3	3	
7.5 Maximum	14.8	14.3	15.1		2	2	5		6	4	5	
10 Minimum	13.4	13.4	12.8	16.9	< 2	< 2	< 2	< 2	3	< 2	< 2	< 2
10 Mittel	13.8	13.8	13.6	18.2	< 2	< 2	2	< 2	4	4	3	2
10 Maximum	14.8	14.3	15.0	19.3	2	2	5	< 2	6	6	4	4
12.5 Minimum	13.5	13.3	13.0	16.8	< 2	< 2	< 2	< 2	3	< 2	< 2	< 2
12.5 Mittel	13.8	13.7	13.7	18.4	< 2	< 2	2	< 2	4	3	3	2
12.5 Maximum	14.8	13.9	15.0	19.2	2	3	5	< 2	6	5	4	3
15 Minimum	13.1	13.3	13.0	16.7	< 2	< 2	< 2	< 2	2	< 2	< 2	< 2
15 Mittel	13.7	13.6	13.7	18.5	< 2	< 2	2	< 2	4	4	3	2
15 Maximum	14.8	13.9	15.0	19.3	3	3	5	< 2	6	6	4	3
20 Minimum	12.7	12.3	13.1	16.9	< 2	< 2	< 2	< 2	3	< 2	< 2	< 2
20 Mittel	13.7	13.5	13.7	18.5	< 2	< 2	2	< 2	4	4	4	2
20 Maximum	14.7	13.9	14.2	19.4	2	3	4	< 2	6	6	5	3
30 Minimum	12.9	12.5	12.9	18.4	< 2	< 2	< 2	< 2	3	< 2	< 2	< 2
St: 24m (G) Mittel	13.7	13.4	13.5	19.1	< 2	3	3	< 2	4	4	3	2
30 Maximum	14.7	13.9	13.9	20.3	2	8	5	< 2	5	8	5	4
40 Minimum	12.9		12.9	18.2	< 2		2	< 2	2		< 2	2
La: 36m (G) Mittel	13.7		13.4	19.3	2		5	< 2	3		3	3
40 Maximum	14.4		13.9	20.5	4		17	< 2	5		4	4
60 Minimum	12.9			19.3	3			< 2	< 2			< 2
60 Mittel	13.6			19.7	6			< 2	2			< 2
60 Maximum	14.5			20.7	12			2	4			3
80 Minimum	12.8				2				< 2			
80 Mittel	13.6				15				4			
80 Maximum	14.4				22				20			
90 Minimum												
90 Mittel												
90 Maximum												
100 Minimum	12.8			19.4	20			< 2	< 2			< 2
100 Mittel	13.5			20.1	28			< 2	3			2
100 Maximum	14.2			20.9	39			< 2	5			3
110 Minimum												
110 Mittel												
110 Maximum												
120 Minimum	12.4				24				< 2			
120 Mittel	13.3				43				3			
120 Maximum	14.0				66				10			
130 Minimum	12.2			19.6	32			< 2	< 2			< 2
Mu: 140m Mittel	13.1			21.9	56			< 2	4			2
130 Maximum	13.9			24.2	77			< 2	13			4
Grund Minimum	12.3			19.4	38			< 2	< 2			2
Grund Mittel	13.1			21.8	62			< 2	4			3
Grund Maximum	13.7			23.3	95			< 2	11			4
0-20 Mittel	13.8	11.0	13.6	18.4	< 2	< 2	2	< 2	4	3	3	2
0-G Mittel	13.6	13.7	13.6	19.9	17	2	3	< 2	3	4	3	2



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Phosphor partikulär µg/L				Gesamtphosphor unfiltriert µg/L				Gesamtphosphor filtriert µg/L			
0 Minimum	3	6	4	< 2	7	10	8	4	3	4	4	3
Mittel	7	8	6	< 2	11	12	11	5	4	5	5	3
Maximum	10	10	11	2	14	13	17	5	5	8	7	3
1 Minimum	4	6	5		8	10	9		3	3	4	
Mittel	7	9	9		11	14	14		4	5	5	
Maximum	11	12	13		15	17	17		5	8	6	
2.5 Minimum	4	6	4	< 2	8	11	8	3	3	4	3	3
Mittel	8	9	7	2	12	13	12	5	4	5	4	3
Maximum	14	11	12	3	19	15	16	6	5	7	6	4
5 Minimum	5	7	5	< 2	8	11	8	3	3	4	3	2
Mittel	8	8	8	2	12	13	13	5	4	4	5	3
Maximum	12	10	13	3	16	14	17	7	5	6	6	4
7.5 Minimum	5	5	5		9	11	9		3	4	3	
Mittel	9	9	8		13	13	12		4	4	4	
Maximum	15	11	13		20	15	18		6	5	6	
10 Minimum	5	4	4	< 2	9	10	8	3	3	4	4	< 2
Mittel	9	10	8	4	13	15	13	6	4	5	5	3
Maximum	15	20	12	5	19	26	17	8	6	8	6	4
12.5 Minimum	6	9	4	< 2	11	13	8	4	3	3	4	< 2
Mittel	11	12	9	4	15	16	13	6	4	4	5	3
Maximum	18	16	14	6	24	21	19	9	6	6	6	3
15 Minimum	7	8	2	2	10	12	7	4	4	4	4	< 2
Mittel	12	11	7	4	17	15	12	6	5	5	5	3
Maximum	22	17	12	5	27	23	17	8	6	6	6	3
20 Minimum	5	5	3	< 2	9	10	7	4	3	4	4	< 2
Mittel	8	8	8	3	13	13	13	6	4	5	5	3
Maximum	13	13	22	6	17	18	30	7	6	6	8	3
30 Minimum	3	< 2	4	< 2	6	8	8	3	3	4	4	< 2
Mittel	6	6	7	3	10	13	12	5	4	7	5	3
Maximum	9	9	15	7	13	20	20	7	6	11	7	4
40 Minimum	2		4	< 2	6		9	4	3		5	2
Mittel	4		6	3	9		14	5	5		8	3
Maximum	9		11	6	13		22	8	7		18	4
60 Minimum	< 2			< 2	6			4	5			< 2
Mittel	3			3	11			5	9			3
Maximum	5			6	18			6	14			4
80 Minimum	< 2				17				13			
Mittel	2				20				18			
Maximum	5				25				23			
90 Minimum												
Mittel												
Maximum												
100 Minimum	< 2			< 2	25			3	21			< 2
Mittel	3			< 2	33			4	30			3
Maximum	5			3	43			4	40			3
110 Minimum												
Mittel												
Maximum												
120 Minimum	< 2				28				26			
Mittel	5				51				46			
Maximum	13				74				68			
130 Minimum	< 2			< 2	38			4	36			< 2
Mittel	3			< 2	63			4	60			3
Maximum	9			4	91			5	91			4
Grund Minimum	< 2			< 2	45			4	41			2
Mittel	6			< 2	71			4	66			3
Maximum	21			< 2	112			5	101			4
0-20 Mittel	9	8	8	3	14	11	13	6	4	4	5	3
0-G Mittel	5	9	7	3	25	14	13	5	20	5	5	3

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Stickstoff org. µg/L				Stickstoff total µg/L				Sauerstoff mg/L			
0 Minimum	118				437				8.7	8.9	8.5	9.1
Mittel	167				707				10.2	10.4	10.2	10.1
Maximum	242				845				11.9	11.6	11.9	10.8
1 Minimum	112				442				8.7	8.9	8.5	9.2
Mittel	171				709				10.2	10.4	10.2	10.1
Maximum	243				851				11.9	11.6	11.9	10.8
2.5 Minimum	108				444				8.7	8.9	8.5	9.6
Mittel	163				700				10.2	10.4	10.2	10.3
Maximum	257				838				11.9	11.6	11.9	10.7
5 Minimum	105				445				8.6	8.9	8.2	10.1
Mittel	162				707				10.2	10.3	9.8	10.5
Maximum	233				869				12.0	11.5	11.8	10.8
7.5 Minimum	87				451				8.6	8.9	6.7	10.1
Mittel	160				706				10.4	10.3	9.5	10.6
Maximum	235				838				11.9	11.6	11.8	10.8
10 Minimum	114				544				8.6	8.8	6.5	10.1
Mittel	184				720				10.6	10.2	9.4	10.5
Maximum	321				856				12.8	11.5	11.7	10.8
12.5 Minimum	100				565				7.2	8.8	6.8	10.0
Mittel	175				735				10.6	10.5	9.3	10.4
Maximum	308				864				13.5	11.4	11.7	11.0
15 Minimum	107				737				6.1	8.7	5.5	10.0
Mittel	196				805				10.1	10.4	8.9	10.4
Maximum	368				894				14.0	11.3	11.7	11.0
20 Minimum	101				740				3.3	3.6	5.0	9.9
Mittel	150				824				8.5	8.2	8.2	10.4
Maximum	282				909				10.8	11.1	11.4	11.1
30 Minimum	68				732				4.1	2.7	0.6	9.9
St: 24m (G) Mittel	116				814				8.0	7.5	6.8	10.4
Maximum	147				883				10.3	11.2	11.2	11.1
40 Minimum	< 55				789				5.1		0.1	10.0
La: 36m (G) Mittel	103				829				7.7		6.0	10.5
Maximum	152				900				9.7		10.8	11.0
60 Minimum	< 55				787				5.9			9.7
Mittel	94				815				7.6			10.4
Maximum	171				898				9.3			10.8
80 Minimum	< 55				788				5.4			9.8
Mittel	91				802				6.5			10.3
Maximum	140				858				8.1			10.7
90 Minimum									4.7			9.8
Mittel									5.8			10.3
Maximum									7.4			10.7
100 Minimum	63				771				3.7			9.7
Mittel	99				798				4.9			10.2
Maximum	151				861				6.3			10.6
110 Minimum									2.3			9.5
Mittel									3.9			10.1
Maximum									5.7			10.5
120 Minimum	81				749				0.6			9.2
Mittel	116				796				2.8			9.9
Maximum	179				879				5.2			10.4
130 Minimum	< 55				707				< 0.1			8.2
Mu: 140m Mittel	99				744				1.4			9.2
Maximum	176				824				4.9			10.1
Grund Minimum	< 55				596				< 0.1			7.8
Mittel	119				721				1.0			9.0
Maximum	201				811				4.1			10.0
0-20 Mittel	172				744				10.1	8.1	9.3	10.4
0-G Mittel	114				794				6.4	9.6	8.3	10.2

Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Sauerstoffsättigung				UV-Extinktion 254 nm				Eisen			
	%				Ext./m				µg/L			
0 Minimum	77	86	83	90	2.4	2.3	3.3	1.2		< 5		
0 Mittel	102	104	97	99	2.8	2.9	3.9	1.4		< 5		
0 Maximum	121	125	114	108	3.2	3.3	4.8	1.6		< 5		
1 Minimum	77	86	83	90	2.3	2.3	3.3			< 5		
1 Mittel	102	104	97	99	2.8	2.9	3.8			< 5		
1 Maximum	121	125	114	109	3.2	3.4	4.7			< 5		
2.5 Minimum	77	86	83	90	2.3	2.3	3.3	1.2		< 5		
2.5 Mittel	102	103	97	100	2.8	2.8	3.9	1.4		< 5		
2.5 Maximum	121	126	113	111	3.2	3.3	5.0	1.6		< 5		
5 Minimum	77	86	83	90	2.3	2.3	3.3	1.2	< 5	< 5		
5 Mittel	102	103	92	100	2.9	2.9	4.0	1.4	< 5	< 5		
5 Maximum	121	124	101	113	3.4	3.3	5.3	1.6	< 5	< 5		
7.5 Minimum	77	86	69	89	2.4	2.3	3.3			< 5		
7.5 Mittel	102	101	88	99	3.0	3.1	3.9			< 5		
7.5 Maximum	129	115	98	111	3.2	3.5	4.5			< 5		
10 Minimum	76	88	66	89	2.5	2.3	3.3	1.2		< 5		
10 Mittel	101	98	86	97	3.1	3.0	3.8	1.5		< 5		
10 Maximum	141	108	97	106	3.4	3.3	4.3	1.7		< 5		
12.5 Minimum	71	88	69	89	2.9	2.9	3.3	1.2		< 5		
12.5 Mittel	98	98	84	96	3.1	3.1	3.8	1.5		< 5		
12.5 Maximum	126	118	96	101	3.3	3.2	4.1	1.7		6		
15 Minimum	56	85	55	89	2.9	3.0	3.3	1.2		< 5		
15 Mittel	90	93	79	95	3.1	3.1	3.7	1.4		< 5		
15 Maximum	125	101	96	100	3.2	3.2	4.1	1.6		< 5		
20 Minimum	30	32	45	88	2.9	2.9	3.5	1.2	< 5	< 5		
20 Mittel	73	70	71	93	3.0	3.1	3.6	1.4	< 5	< 5		
20 Maximum	92	92	94	99	3.1	3.3	4.1	1.6	< 5	< 5		
30 Minimum	35	24	5	88	2.8	2.9	3.5	1.1		< 5		
St: 24m (G) Mittel	68	63	57	91	3.0	3.1	3.8	1.3		< 5		
30 Maximum	86	93	91	97	3.1	3.3	4.1	1.6		< 5		
40 Minimum	44		1	88			3.5	1.1	< 5			
La: 36m (G) Mittel	65		50	91			3.8	1.2	< 5			
40 Maximum	81		87	95			4.3	1.6	< 5			
60 Minimum	50			84				1.1				
60 Mittel	63			88				1.1				
60 Maximum	77			93				1.2				
80 Minimum	44			83					< 5			
80 Mittel	54			87					< 5			
80 Maximum	66			90					< 5			
90 Minimum	38			83								
90 Mittel	47			86								
90 Maximum	61			90								
100 Minimum	30			82				1.0				
100 Mittel	40			86				1.1				
100 Maximum	52			90				1.2				
110 Minimum	18			81								
110 Mittel	32			85								
110 Maximum	47			89								
120 Minimum	5			77					< 5			
120 Mittel	23			83					< 5			
120 Maximum	43			88					< 5			
130 Minimum	0			68				1.1				
Mu: 140m Mittel	12			77				1.1				
130 Maximum	40			85				1.2				
Grund Minimum	< 0.1			65				1.1	< 5			
Grund Mittel	9			76				1.2	< 5			
Grund Maximum	34			85				1.2	< 5			
0-20 Mittel	96	76	86	97	3.0	2.4	3.8	1.4	< 5	< 5		
0-G/0-30 Mittel	55	90	74	88	3.0	3.0	3.8	1.2	< 5	< 5		



Tiefe m	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg	Thalwil	Stäfa	Lachen	Murg
	Kalium mg/L				Mangan µg/L				Natrium mg/L			
0	Minimum	0.9			< 0.5					3.1		
	Mittel	1.0			< 0.5					3.8		
	Maximum	1.1			< 0.5					4.4		
1	Minimum	0.9			< 0.5					3.2		
	Mittel	1.0			< 0.5					3.9		
	Maximum	1.1			0.5					4.5		
2.5	Minimum	0.9			< 0.5					3.1		
	Mittel	1.0			< 0.5					3.8		
	Maximum	1.1			0.5					4.4		
5	Minimum	1.0	0.9		< 0.5	< 0.5			3.5	3.1		
	Mittel	1.0	1.0		< 0.5	< 0.5			4.1	3.8		
	Maximum	1.1	1.1		< 0.5	0.6			4.6	4.4		
7.5	Minimum		0.8		< 0.5					2.7		
	Mittel		1.0		< 0.5					3.8		
	Maximum		1.1		0.6					4.4		
10	Minimum		0.9		< 0.5					3.2		
	Mittel		1.0		< 0.5					3.9		
	Maximum		1.1		< 0.5					4.6		
12.5	Minimum		1.0		< 0.5					3.3		
	Mittel		1.0		< 0.5					4.1		
	Maximum		1.1		0.5					4.5		
15	Minimum		1.0		< 0.5					3.3		
	Mittel		1.1		0.7					4.2		
	Maximum		1.1		3.2					4.7		
20	Minimum	1.1	1.1		< 0.5	< 0.5			4.4	4.2		
	Mittel	1.1	1.1		< 0.5	1.0			4.5	4.4		
	Maximum	1.1	1.2		< 0.5	2.7			4.6	4.6		
30	Minimum		1.0		< 0.5					4.3		
St: 24m (G)	Mittel		1.1		7.8					4.4		
	Maximum		1.2		35.6					4.6		
40	Minimum	1.1			< 0.5				4.4			
La: 36m (G)	Mittel	1.1			< 0.5				4.5			
	Maximum	1.1			< 0.5				4.7			
60	Minimum											
	Mittel											
	Maximum											
80	Minimum	1.1			0.6				4.4			
	Mittel	1.1			1.0				4.5			
	Maximum	1.2			1.5				4.6			
90	Minimum											
	Mittel											
	Maximum											
100	Minimum											
	Mittel											
	Maximum											
110	Minimum											
	Mittel											
	Maximum											
120	Minimum	1.1			0.5				4.4			
	Mittel	1.1			0.9				4.6			
	Maximum	1.1			1.3				4.7			
130	Minimum											
Mu: 140m	Mittel											
	Maximum											
Grund	Minimum	1.1			178.5				4.5			
	Mittel	1.1			391.0				4.6			
	Maximum	1.1			603.5				4.6			
0-20	Mittel	1.0	0.8		< 0.5	< 0.5			4.3	3.2		
0-G	Mittel	1.1	1.0		25.0	1.4			4.5	4.1		

Tiefe m	Phytoplankton >20µm			Chlorophyll a µg/L	Phytoplankton µg/L	Cyanobacteria µg/L	Chlorophyta µg/L	Euglenophyta µg/L	Chrysophyta µg/L	Crypto-/Dinogruppe µg/L	DOC (org. Kohlenstoff gelöst)		TOC (org. Kohlenstoff total) mg C pro L	
	Anzahl pro mL	Anzahl pro mL	Anzahl pro mL								mg C pro L	mg C pro L		
Thalwil														
0	Minimum			1.2							1.13	0.24		
	Mittel			5.4							1.35	0.47		
	Maximum			11.1							1.64	0.76		
1	Minimum			2.1							1.10	0.28		
	Mittel			5.5							1.34	0.48		
	Maximum			11.7							1.56	0.78		
2.5	Minimum			2.1							1.13	0.32		
	Mittel			5.5							1.34	0.50		
	Maximum			11.7							1.52	0.77		
5	Minimum			2.1							1.12	0.31		
	Mittel			5.5							1.33	0.49		
	Maximum			11.3							1.53	0.80		
7.5	Minimum			2.2							1.11	0.26		
	Mittel			6.0							1.30	0.50		
	Maximum			11.6							1.48	0.76		
10	Minimum			2.4							1.12	0.23		
	Mittel			7.5							1.29	0.65		
	Maximum			19.1							1.54	1.51		
12.5	Minimum			2.7							1.11	0.32		
	Mittel			8.9							1.27	0.66		
	Maximum			27.0							1.45	1.78		
15	Minimum			2.2							1.13	0.22		
	Mittel			10.3							1.25	0.84		
	Maximum			31.0							1.38	2.13		
20	Minimum			1.8							1.13	0.19		
	Mittel			4.5							1.23	0.39		
	Maximum			6.8							1.36	0.54		
30	Minimum			0.8							1.12	0.13		
	Mittel			2.9							1.20	0.26		
	Maximum			6.6							1.29	0.52		
0 - 20	Minimum	123	622	17		1094	374	1	< 1	44	128			
	Mittel	569	2010	180		1777	830	20	< 1	622	304			
	Maximum	1708	4199	646		4219	1232	129	1	2331	645			
20 - 40	Minimum	32	382	< 1		243	54	< 1	< 1	35	80			
	Mittel	152	677	27		589	329	4	< 1	142	114			
	Maximum	394	1046	68		1070	915	18	< 1	385	158			
40 - Grd	Minimum	53	518	< 1		58	14	< 1	< 1	14	15			
	Mittel	120	1807	11		222	82	2	< 1	86	38			
	Maximum	209	3901	68		384	194	9	2	183	88			
Stäfa														
0 - 20	Minimum	124	1164	< 1	4.9	1207	240	3	< 1	90	170	1.28	0.47	1.85
	Mittel	330	2769	377	7.6	1638	684	30	< 1	535	389	1.40	0.58	1.98
	Maximum	606	4940	1260	10.6	2097	1173	93	< 1	1450	719	1.50	0.68	2.08
Grund	Minimum	58	800	9	0.6	178	51	1	< 1	43	59	1.12	0.15	1.31
	Mittel	180	1004	54	3.0	641	296	9	< 1	204	131	1.22	0.30	1.52
	Maximum	317	1401	115	7.2	1109	842	23	3	479	173	1.26	0.48	1.69

Tiefe m	Phytoplankton >20µm			Chlorophyll a µg/L	Phytoplankton					Crypto-/Dinogruppe µg/L	DOC (org. Kohlenstoff gelöst)			
	Anzahl pro mL	Anzahl pro mL	Anzahl pro mL		Phytoplankton µg/L	Cyanobacteria µg/L	Chlorophyta µg/L	Euglenophyta µg/L	Chrysophyta µg/L		mg C pro L	mg C pro L	mg C pro L	
Lachen														
0 - 20	Minimum	94	912	85	1.3	352	< 1	< 1	< 1	100	161	1.16	0.16	1.35
	Mittel	309	1208	272	2.2	571	2	8	< 1	351	209	1.35	0.23	1.57
	Maximum	981	1529	510	3.3	1285	5	20	1	1088	307	1.62	0.31	1.89
20 - Grd	Minimum	35	184	< 1	0.2	93	< 1	< 1	< 1	42	28	1.21	0.14	1.37
	Mittel	184	1948	85	0.9	298	< 1	3	1	228	56	1.30	0.17	1.47
	Maximum	562	4042	204	2.3	840	4	6	6	761	75	1.36	0.22	1.58
Murg														
0 - 12.5	Minimum	113	362	17	0.8	231	< 1	< 1	< 1	127	29	0.55	0.12	0.66
	Mittel	303	839	68	1.1	415	1	6	< 1	266	141	0.63	0.16	0.79
	Maximum	686	1646	153	1.9	866	3	11	< 1	521	337	0.67	0.24	0.88
12.5 - 20	Minimum	42	174	17	0.3	76	< 1	< 1	< 1	48	26	0.56	0.09	0.65
	Mittel	218	506	47	0.8	345	< 1	3	< 1	171	170	0.59	0.13	0.71
	Maximum	468	800	85	1.2	791	< 1	8	< 1	292	491	0.64	0.17	0.80
20 - 40	Minimum	69	176	17	0.3	107	< 1	< 1	< 1	72	18	0.52	0.08	0.60
	Mittel	132	249	29	0.5	179	2	< 1	< 1	129	49	0.61	0.09	0.70
	Maximum	224	339	49	0.9	232	4	< 1	< 1	189	86	0.65	0.10	0.74
40 - Grd	Minimum	45	62	< 1	0.1	74	< 1	< 1	< 1	38	4	0.53	0.06	0.59
	Mittel	120	217	25	0.3	124	3	1	< 1	92	27	0.57	0.09	0.66
	Maximum	302	364	51	0.8	270	5	4	2	214	51	0.60	0.12	0.71

Tiefe m		Komplexbildner				
		NTA	β -ADA	EDTA	1,3-PDTA	DTPA
Thalwil		$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$
0 - 10	Minimum	< 0.5	< 0.5	< 0.2	< 0.5	< 0.7
	Mittel	< 0.5	< 0.5	< 0.2	< 0.5	< 0.7
	Maximum	< 0.5	< 0.5	0.3	< 0.5	< 0.7
0 - 20	Minimum	< 0.5	< 0.5	< 0.2	< 0.5	< 0.7
	Mittel	< 0.5	< 0.5	0.3	< 0.5	< 0.7
	Maximum	< 0.5	< 0.5	0.5	< 0.5	< 0.7

Thalwil		Zooplankton				
		Phyllopora	Copepoda	Nauplii	sonstiges Zooplankton	Zooplankton total
		g/m^2	g/m^2	g/m^2	g/m^2	g/m^2
0 - 20	Minimum	0.41	1.64	0.14	1.2	3.39
	Mittel	13.64	6.35	1	0.02	21
	Maximum	47	15.25	1.92	<0.01	63.55
20 - Grd	Minimum	<0.01	0.37	0.11	0.02	0.5
	Mittel	8.55	4.43	0.58	0.02	13.57
	Maximum	27.08	10.26	1.57	<0.01	37.16
Stäfa	0 - 20 Minimum	1.47	1.85	0.39	1.95	5.66
	Mittel	10.12	4.35	0.79	0.1	15.36
	Maximum	19.33	7.73	1.19	<0.01	28.11
Lachen	0 - 20 Minimum	0.8	1.41	0.22	0.18	2.61
	Mittel	11.49	2.63	0.66	<0.01	14.78
	Maximum	25.33	5.03	1.56	<0.01	31.91
20 - Grd	Minimum	0.09	0.26	0.06	0.26	0.67
	Mittel	2.26	1.34	0.26	0.03	3.89
	Maximum	8.96	4.64	0.97	0.09	14.66
Murg	0 - 20 Minimum	0.45	0.51	0.06	<0.01	1.02
	Mittel	2.49	2.39	0.23	<0.01	5.11
	Maximum	6.54	5.21	0.42	<0.01	8.82
20 - Grd	Minimum	0.44	1	0.18	<0.01	1.42
	Mittel	0.57	1.25	0.36	0.16	2.33
	Maximum	0.81	2	0.7	<0.01	3.49

Thalwil		Dreissena Larve
		Anzahl/ m^2
0 - 30	Minimum	<1
	Mittel	29387
	Maximum	188170
Stäfa	0 - 25 Minimum	<1
	Mittel	90253
	Maximum	369970
Lachen	0 - 30 Minimum	<1
	Mittel	11083
	Maximum	705
Murg	0 - 30 Minimum	<1
	Mittel	176
	Maximum	705

Tiefe m		Trihalomethane (THM)					Leichtflüchtige halogenierte Kohlenwasserstoffe (FHKW)							
		Bromdichlormethan µg/L	Dibromchlormethan µg/L	Chloroform µg/L	Bromoform µg/L	Summe THM ng/L	1,1,1-Trichlorethan µg/L	1,1-Dichlorethylen µg/L	1,2-Dichlorethan µg/L	cis-1,2-Dichlorethylen µg/L	Dichlormethan µg/L	Perchlorethylen µg/L	Tetrachlorkohlenstoff µg/L	trans-1,2-Dichlorethylen µg/L
Thalwil	0 Minimum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Mittel	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Maximum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2.5	Minimum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Mittel	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Maximum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
10	Minimum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Mittel	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Maximum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
30	Minimum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Mittel	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	Maximum	< 0.02	< 0.02	< 0.02	< 0.05	< 0.11	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

Tiefe m		FHKW			Benzinzusatzstoffe									
		Trichlorethylen µg/L	Vinylchlorid µg/L	Summe FHKW (incl. THM) µg/L	MTBE ng/L	ETBE ng/L	TAME ng/L	Benzol ng/L	Toluol ng/L	Ethylbenzol ng/L	m/p-Xylol ng/L	o-Xylol ng/L	Summe BTEX ng/l	Summe Aliphaten C5-C10 ng/l
Thalwil	0 Minimum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Mittel	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Maximum	< 0.02	< 0.02	< 0.31	24	< 20	< 20	36	44	< 20	40	< 20	< 120	< 300
2.5	Minimum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Mittel	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Maximum	< 0.02	< 0.02	< 0.31	24	< 20	< 20	35	43	< 20	< 40	< 20	< 120	< 300
10	Minimum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Mittel	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Maximum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
30	Minimum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Mittel	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300
	Maximum	< 0.02	< 0.02	< 0.31	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 20	< 120	< 300

Tiefe m Thalwil		Pestizide und Metaboliten													
		Linuron ng/L	Mecoprop ng/L	Metaxyl ng/L	Metamitron ng/L	Metamitron-desamino ng/L	Metazachlor ng/L	Metobromuron ng/L	Metolachlor ng/L	Metolachlor CGA 368208 ng/L	Metolachlor SYN547977 ng/L	Metribuzin ng/L	Monolinuron ng/L	Nicosulfuron ASDM ng/L	Nicosulfuron AUSN ng/L
0	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
2.5	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
10	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
15	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
20	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
30	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
60	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
100	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
120	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10
135	März	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 10	< 5	< 5	< 10	< 10
	September	< 5	< 20	< 5	< 5	< 5	< 20	< 5	< 5	< 10	< 20	< 10	< 5	< 5	< 10

Tiefe m Thalwil		Pestizide und Metaboliten														
		Oxadixyl ng/L	Pirimicarb ng/L	Prometryn ng/L	Propazin ng/L	Propiconazol ng/L	Simazin ng/L	Sulcotrion ng/L	Terbuthylazin ng/L	Terbuthylazin CGA 324007 ng/L	Terbuthylazin LM2 ng/L	Terbuthylazin LM4 ng/L	Terbuthylazin SYN545666 ng/L	Terbuthylazin-desethyl ng/L	Terbuthylazin-desethyl-2- hydroxy ng/L	Terbutryn ng/L
0	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
2.5	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
10	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
15	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
20	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
30	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
60	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
100	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
120	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
135	März	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50
	September	< 20	< 5	< 10	< 10	< 50	< 10	< 10	< 10	< 20	< 10	< 5	< 20	< 10	< 10	< 50

		Arzneimittelrückstände und Metaboliten														
Tiefe m	Thalwil	4-Acetamidoantipyrin	4-Formylaminoantipyrin	10,11-Dihydroxy-10,11-dihydrocarbamazepin	Acetylsulfamethoxazol	Amisulprid	Anhydroerythromycin	Atenolol	Atenolsäure	Azithromycin	Bezafibrat	Candesartan	Carbamazepin	Carbamazepin-10,11-epoxid	Citalopram	Clarithromycin
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
0	März			12	< 5	< 5	< 10	< 5		< 10	< 20	13	< 5	< 20	< 5	< 20
	September	9	< 5	< 10	< 5	< 5	< 10	< 5	9	< 10	< 20	< 10	< 5	< 20	< 5	< 20
2.5	März			12	< 5	< 5	< 10	< 5		< 10	< 20	13	< 5	< 20	< 5	< 20
	September	8	5	< 10	< 5	< 5	< 10	< 5	9	< 10	< 20	< 10	< 5	< 20	< 5	< 20
10	März			12	< 5	< 5	< 10	< 5		< 10	< 20	12	< 5	< 20	< 5	< 20
	September	17	11	< 10	< 5	< 5	< 10	< 5	9	< 10	< 20	< 10	< 5	< 20	< 5	< 20
15	März			12	< 5	< 5	< 10	< 5		< 10	< 20	15	< 5	< 20	< 5	< 20
	September	39	20	11	< 5	< 5	< 10	< 5	16	< 10	< 20	15	< 5	< 20	< 5	< 20
20	März			11	< 5	< 5	< 10	< 5		< 10	< 20	14	< 5	< 20	< 5	< 20
	September	38	21	12	< 5	< 5	< 10	< 5	16	< 10	< 20	15	< 5	< 20	< 5	< 20
30	März			13	< 5	< 5	< 10	< 5		< 10	< 20	13	< 5	< 20	< 5	< 20
	September															
60	März			13	< 5	< 5	< 10	< 5		< 10	< 20	14	< 5	< 20	< 5	< 20
	September	40	20	12	< 5	< 5	< 10	< 5	16	< 10	< 20	15	< 5	< 20	< 5	< 20
100	März			11	< 5	< 5	< 10	< 5		< 10	< 20	13	< 5	< 20	< 5	< 20
	September	40	17	12	< 5	< 5	< 10	< 5	15	< 10	< 20	15	< 5	< 20	< 5	< 20
120	März			12	< 5	< 5	< 10	< 5		< 10	< 20	12	< 5	< 20	< 5	< 20
	September	39	15	11	< 5	< 5	< 10	< 5	15	< 10	< 20	14	< 5	< 20	< 5	< 20
135	März			12	< 5	< 5	< 10	< 5		< 10	< 20	11	< 5	< 20	< 5	< 20
	September	38	14	11	< 5	< 5	< 10	< 5	15	< 10	< 20	13	< 5	< 20	< 5	< 20

		Arzneimittelrückstände und Metaboliten														
Tiefe m	Thalwil	Diazepam	Diclofenac	Erythromycin	Fenofibrat	Fexofenadin	Gabapentin	Hydrochlorthiazid	Indomethacin	Irbesartan	Ketoprofen	Lamotrigin	Meclofenaminsäure	Metoprolol	Oxypurinol	Paracetamol
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
0	März	< 5	< 10	< 10	< 20		31	< 10	< 5	< 10	< 10	20	< 10	< 5	< 20	< 10
	September	< 5	< 10	< 10	< 20	17	21	< 10	< 5	< 10	< 10	14	< 10	< 5	< 20	< 10
2.5	März	< 5	< 10	< 10	< 20		29	< 10	< 5	< 10	< 10	19	< 10	< 5	< 20	< 10
	September	< 5	< 10	< 10	< 20	15	24	< 10	< 5	< 10	< 10	15	< 10	< 5	22	< 10
10	März	< 5	< 10	< 10	< 20		29	< 10	< 5	< 10	< 10	19	< 10	< 5	< 20	< 10
	September	< 5	< 10	< 10	< 20	11	18	< 10	< 5	< 10	< 10	12	< 10	< 5	< 20	< 10
15	März	< 5	< 10	< 10	< 20		30	< 10	< 5	< 10	< 10	19	< 10	< 5	< 20	< 10
	September	< 5	< 10	< 10	< 20	11	26	< 10	< 5	< 10	< 10	18	< 10	< 5	< 20	< 10
20	März	< 5	< 10	< 10	< 20		30	< 10	< 5	< 10	< 10	19	< 10	< 5	< 20	< 10
	September	< 5	< 10	< 10	< 20	10	28	< 10	< 5	< 10	< 10	18	< 10	< 5	< 20	< 10
30	März	< 5	< 10	< 10	< 20		29	< 10	< 5	< 10	< 10	19	< 10	< 5	25	< 10
	September															
60	März	< 5	< 10	< 10	< 20		27	< 10	< 5	< 10	< 10	18	< 10	< 5	56	< 10
	September	< 5	< 10	< 10	< 20	9	25	< 10	< 5	< 10	< 10	19	< 10	< 5	78	< 10
100	März	< 5	< 10	< 10	< 20		26	< 10	< 5	< 10	< 10	17	< 10	< 5	75	< 10
	September	< 5	< 10	< 10	< 20	8	24	< 10	< 5	< 10	< 10	18	< 10	< 5	67	< 10
120	März	< 5	< 10	< 10	< 20		27	< 10	< 5	< 10	< 10	16	< 10	< 5	80	< 10
	September	< 5	< 10	< 10	< 20	8	23	< 10	< 5	< 10	< 10	15	< 10	< 5	75	< 10
135	März	< 5	< 10	< 10	< 20		28	< 10	< 5	< 10	< 10	16	< 10	< 5	67	< 10
	September	< 5	< 10	< 10	< 20	7	23	< 10	< 5	< 10	< 10	17	< 10	< 5	59	< 10

		Arzneimittelrückstände und Metaboliten											
Tiefe m	Thalwil	Pentoxifyllin	Phenazon	Propyphenazon	Sitagliptin	Sotalol	Sulfamethoxazol	T2954 Zwischenprodukt	Tramadol	Trimethoprim	Valsartan	Valsartansäure	Venlafaxin
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
0	März	< 5	< 5	< 5		< 10	9	< 10	47	< 5	8		< 5
	September	< 5	< 5	< 5	6	< 10	< 5	< 10	< 10	< 5	12	51	< 5
2.5	März	< 5	< 5	< 5		< 10	9	< 10	53	< 5	7		< 5
	September	< 5	< 5	< 5	7	< 10	< 5	< 10	< 10	< 5	14	41	< 5
10	März	< 5	< 5	< 5		< 10	9	< 10	46	< 5	6		< 5
	September	< 5	< 5	< 5	6	< 10	5	< 10	< 10	< 5	8	34	< 5
15	März	< 5	< 5	< 5		< 10	9	< 10	48	< 5	9		< 5
	September	< 5	< 5	< 5	10	< 10	8	< 10	37	< 5	9	56	< 5
20	März	< 5	< 5	< 5		< 10	10	< 10	49	< 5	8		< 5
	September	< 5	< 5	< 5	10	< 10	9	< 10	39	< 5	9	59	< 5
30	März	< 5	< 5	< 5		< 10	8	< 10	48	< 5	7		< 5
	September												
60	März	< 5	< 5	< 5		< 10	9	< 10	60	< 5	< 5		< 5
	September	< 5	< 5	< 5	8	< 10	9	< 10	40	< 5	< 5	60	< 5
100	März	< 5	< 5	< 5		< 10	9	< 10	52	< 5	< 5		< 5
	September	< 5	< 5	< 5	7	< 10	9	< 10	46	< 5	< 5	60	< 5
120	März	< 5	5	< 5		< 10	7	< 10	55	< 5	< 5		< 5
	September	< 5	< 5	< 5	7	< 10	8	< 10	42	< 5	< 5	56	< 5
135	März	< 5	< 5	< 5		< 10	7	< 10	53	< 5	< 5		5
	September	< 5	< 5	< 5	7	< 10	7	< 10	46	< 5	< 5	55	5

Tiefe m	Thalwil	Röntgenkontrastmittel						(Ultra)kurzkettige PFAS				
		Amidotrizoessäure ng/L	Iohexol ng/L	Iomeprol ng/L	Iopamidol ng/L	Iopromid ng/L	Ioxitalaminsäure ng/L	TFA (Trifluoressigsäure) ng/L	PFPrA (Perfluorpropansäure) ng/L	TFMS (Trifluormethansulfonsäure) ng/L	PFEtS (Perfluorethansulfonsäure) ng/L	PFPrS (Perfluorpropansulfonsäure) ng/L
0	März	< 10	< 20	43	55	41	< 20	328	< 20	< 10	< 5	< 5
	September	< 10	< 20	< 20	22	< 20	< 20	463	< 20	< 10	< 5	< 5
2.5	März	< 10	< 20	46	53	26	< 20			< 10		
	September	< 10	< 20	< 20	27	< 20	< 20			< 10		
10	März	< 10	< 20	36	58	45	< 20	328	< 20	< 10	< 5	< 5
	September	< 10	< 20	39	24	< 20	< 20	423	< 20	< 10	< 5	< 5
15	März	< 10	< 20	44	60	43	< 20			< 10		
	September	< 10	< 20	48	65	29	< 20			< 10		
20	März	< 10	< 20	45	53	40	< 20	322	< 20	< 10	< 5	< 5
	September	< 10	< 20	53	73	33	< 20	332	< 20	< 10	< 5	< 5
30	März	< 10	< 20	43	55	36	< 20			< 10		
	September	< 10	< 20							< 10		
60	März	< 10	< 20	38	50	36	< 20	307	< 20	< 10	< 5	< 5
	September	< 10	< 20	45	71	31	< 20	314	< 20	< 10	< 5	< 5
100	März	< 10	< 20	37	49	41	< 20	276	< 20	< 10	< 5	< 5
	September	< 10	< 20	43	60	27	< 20	285	< 20	< 10	< 5	< 5
120	März	< 10	< 20	35	52	27	< 20			< 10		
	September	< 10	< 20	44	66	28	< 20			< 10		
135	März	< 10	< 20	35	45	32	< 20	269	< 20	< 10	< 5	< 5
	September	< 10	< 20	39	70	23	< 20	289	< 20	< 10	< 5	< 5

Tiefe m	Thalwil	Künstliche Süsstoffe, Industriechemikalien und anderes												
		1,3-Diphenylguanidin ng/L	1,4-Dioxan ng/L	3-Nitrobenzolsulfonsäure ng/L	4-Isopropylbenzolsulfonsäure ng/L	ASA (Amidosulfonsäure) * Achtung: andere Einheit µg/L*	Benzotriazol ng/L	N-Ethyl-2-isopropyl-5-methylcyclohexancarbox. ng/L	Sulisobenzon ng/L	Tolytriazol ng/L	Acesulfam ng/L	Cyclamat ng/L	Neotam ng/L	Sucralose ng/L
0	März					14	64			30	103	< 50	< 10	173
	September	40		20	< 50	12	64	< 5	< 50	17	47	< 50	< 10	161
2.5	März		75				63			34	99	< 50	< 10	198
	September	< 20	< 50	23	68		35	< 5	< 50	16	48	< 50	< 10	209
10	März		72			14	64			34	109	< 50	< 10	188
	September	20	< 50	16	71	9	25	< 5	< 50	12	45	< 50	< 10	180
15	März		67				67			31	104	< 50	< 10	196
	September	20	81	25	< 50		53	< 5	< 50	25	89	< 50	< 10	153
20	März		67			14	65			34	105	< 50	< 10	190
	September	< 20	75	22	< 50	12	55	< 5	< 50	26	97	< 50	< 10	195
30	März		69				60			33	107	< 50	< 10	192
	September		73											
60	März		78			13	61			33	112	< 50	< 10	188
	September	< 20	79	19	< 50	13	58	< 5	< 50	28	105	< 50	< 10	166
100	März		88			12	63			31	126	< 50	< 10	169
	September	< 20	89	18	< 50	12	45	< 5	< 50	23	114	< 50	< 10	143
120	März		97				66			31	129	< 50	< 10	166
	September	< 20	88	17	< 50		57	< 5	< 50	28	124	< 50	< 10	135
135	März		94			11	66			33	132	< 50	< 10	156
	September	< 20	93	15	< 50	10	56	< 5	< 50	27	116	< 50	< 10	144