

Geconcerteerde Aktie

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Oceanografie

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Nutriëntenanalyse van de monitoring van de kustzone
door de automatische analyseketen (A_{II}-systeem).

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Nutrientenanalyse van de monitoring van de kustzone door de
automatische analyseketen(A_{II}-systeem) .

VELDWERK: De nutrientenanalyse wordt uitsluitend uitgevoerd
———— op bodemmateriaal dat met behulp van een bodemgrijper
(Reineck) in boxcores verzameld wordt. De bemonsterde oppervlakte bedraagt 170 cm², zodra de grijper bovenkomt worden subsamples met behulp van plexiglas cores (ø : 3,6 cm) genomen. Deze worden onmiddellijk diepgevroren en bewaard bij -18°C tot de analyse ervan op het laboratorium.

LABOWERK : In het labo worden de nu nog bevroren cores gezaagd
———— in fracties (bovenstaand water, 0-4, 4-8 cm....). De zandfracties worden in een funnel gebracht en het interstitieel water wordt er uitgeperst met industrieel stikstof. De slibfracties worden gecentrifugeerd en nadien gefiltreerd. Op het interstitieel water worden dan de nutrienten zoals: NO₂⁻; NO₃⁻; NH₄⁺, PO₄⁻⁻⁻; Si).

Op het bodemmateriaal wordt ook nog organische koolstof en Kjeldahl-stikstof bepaald.

Deze methode wordt uitgevoerd sinds maart 1978, vóór deze datum gebeurde de staalname met de Van Veen grijper (Opp.: 0,1 m²). Voor de verdeling in fracties werd gekozen, daar in de fractie van 0-4 cm, in slib, de meeste fauna voorkomt. De zandcores worden ook in fracties van 0-4 cm verdeeld, om eenzelfde idee van de bovenlaag te hebben.

NH₄⁺-N BEPALING

STAALNR	DATUM	NH ₄ ⁺ -N	DIEPTE	NH ₄ ⁺	BW
		0-4			
WS21	12.12.78	—	—	—	—
WS22	"	514	4-8	727	278
WS23	"	1200	4-8	1192	1033
WS24	"	445	4-8	251	958
WS25	"	1479	4-8	1552	437
WS31	"	429	4-10	739	1152
WS32	"	1033	—	—	715
WS33	"	556	4-8	—	318
WS34	"	696	4-8	1033	517
WS41	"	636	—	—	388
WS42	"	1112	4-8	1312	970
WS43	"	191	4-8	238	238
WS44	"	315	4-8	143	—
WS45	"	3218	—	—	493
WS51	"	1192	4-8	1351	318
WS52	"	715	4-8	795	318
WS53	"	2715	4-8	4231	397
WS54	"	25450	4-8	28155	1758
WS55	"	874	—	—	—
WS56	"	445	4-8	255	238
WS57	"	364	—	—	267
	WS21	WS13			
0-2	1333	0-10			
2-4	731	3864			
4-6	1030	—			
6-8	1988	—			

NH_4^+-N

ppb

STAALNR	DATUM	CONC O-4	DIEPTE	CONC	BW
WS21	04.04.79	2152	4-8	5960	4396
WS22	"	2414	4-8	646	888
WS23	"	2150	4-8	9349	2400
WS24	"	—	—	—	—
WS25	"	0-2 2-4 4-6 6556 2765 6187	6-8 2628	—	—
WS31	"	1991	4-8	1184	2310
WS32	"	1229	4-8	204	861
WS33	"	376	4-8	175	1974
WS34	"	1490	4-8	2399	745
WS41	"	5760	4-8	2340	1076
WS42	"	0-4 4-8 4023 1840	8-12 1360	12-16 1890	440
WS43	"	1372	4-8	538	1728
WS44	"	2152	4-8	1318	758
WS45	"	—	4-8	7532	1106
WS51	"	—	4-8	7450	2548
WS52	"	269	—	—	807
WS53	"	2086	4-8	3054	699
WS54	"	31290	4-8	—	2645
WS55	"	1264	—	—	1788
WS56	"	1051	4-8	1322	703
WS57	"	1291	4-8	1789	711
WS21	26.06.79	0-2 1907	4-8	1401	—
WS22	"	3058	—	—	671
WS23	"	182	4-8	373	373
WS24	"	—	4-8	417	1103
WS25	"	335	4-8	224	484
WS31	"	224	4-8	146	410
WS32	"	87	4-8	253	73
WS33	"	—	—	—	373
WS34	"	1863	4-8	1490	—
WS41	"	—	4-8	700	224
WS42	" A	17472	4-8	5141	1460
WS43	"	291	4-8	745	87
WS44	"	261	—	—	522
WS45	"	186	4-8	146	373
WS51	"	4112	4-8	2563	1304

NH_4^+ ppb

STAALNR	DATUM	CONC 0-4	DIEPTE	CONC	BW
WS52	26.06.79	2861	—	—	931
WS53	"	3785	4-8	2757	894
WS54	"	25628	4-8	19370	—
WS55	"	373	4-8	1937	—
WS56	"	283	4-8	87	—
WS57	"	—	4-8	6297	402

NO₂⁻ BEPALINGEN

STAALNR	DATUM	0-10cm- ppb NO ₂ ⁻	BW
WS11	05.05.77	—	—
WS12	"	100	92
WS13	"	71	46
WS14	"	—	—
BASF(GIBS)	"	74	—
WS11	17.06.77	31	—
WS12	"	—	—
WS13	"	—	—
WS14	"	98	—
BASF 1	"	31	—
BASF 2	"	29	—
BASF 3	"	88	—
BASF 4	"	—	—
BASF 5	"	22	—
WS11	01.09.77	41	—
eigen staalname			
WS11	18.10.77	31	226
WS12	"	—	—
WS13	"	220	—
WS14	"	160	31
BASF 2	"	24	—
BASF 3	"	37	—

NO₂⁻-BEPALINGEN

STAALNR	DATUM	0-10 ppb-NO ₂	BW
WS11	26.01.78	71	36
WS12	"	28	60
WS13	"	—	58
WS14	"	103	
BASF1	"	34	41
BASF2	"	19	
BASF3	"	12	28
BASF4	"	15	67
BASF5	"	—	40
WS11			
WS12			
WS13			
WS14			
BASF1			
BASF2			
BASF3			
BASF4			
BASF5			
WS11	05.07.78	50	—
WS12	"	58	109
WS13	"	—	—
WS14	"	123	66
BASF1	"	15	40
BASF2	"	26	—
BASF3	"	85	103
BASF4	"	—	—
BASF5	"	—	—

NO₂-N BEPALINGEN

staalnr	datum	NO ₂ -N	diepte	NO ₂ -N	bw
WS21	12.12.78	226	4-6	—	100
WS22	"	69	4-8	42	22
WS23	"	88	4-8	64	59
WS24	"	84	4-8	59	124
WS25	"	129	4-8	110	64
WS31	"	93	4-10	143	46
WS 32	"	70	—	—	22
WS33	"	57	4-8	116	62
WS34	"	103	4-8	238	55
WS41	"	75	—	—	61
WS42	"	55	4-8	163	82
WS43	"	31	4-8	79	40
WS44	3	68	4-8	70	108
WS45	"	154	—	—	40
WS51	"	65	4-8	70	53
WS52	"	26	4-8	40	248
WS53	"	123	4-8	48	46
WS54	"	18	4-8	164	174
WS55	"	9	—	—	—
WS56	"	54	4-8	71	40
WS57	"	161	—	—	13

NO₃+NO₂ 0-10cm

STAALNR	DATUM	ppb NO ₃ + NO ₂	NO ₃	BW NO ₃ + NO ₂	BW
WS11	05.05.77				
WS12	"	3560			
WS13	"	1987			
WS14	"	—			
BASF1	"	—			
BASF2	"	—			
BASF3	"	—			
BASF4	"	—			
BASF5	"	—			
WS11	17.06.77	196			
WS12	"	1378			
WS13	"	—			
WS14	"	1053			
BASF1	"	106			
BASF2	"	1356			
BASF3	"	—			
BASF4	"	—			
BASF5	"	—			
WS11	01.09.77	—			
WS11	18.10.77	—			
WS12	"	—			
WS13	"	724			
WS14	"	—			
BASF1		—			
BASF2	"	295			
BASF3	"	200			
BASF4	"	—			
BASF5	"	—			

NO₃+NO₂ O-10CM

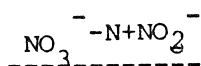
STAALNR	DATUM	ppbNO ₃ +NO	NO ₃	BW NO ₃ +NO ₂	BW
WS11	26.01.78	3198		3150	
WS12	"	—		—	
WS13	"	1556		—	
WS14	"	—		2225	
BASF1	"	—		2310	
BASF2	"	3042		—	
BASF3	"	—		3900	
BASF4	"	267		437	
BASF5	"	997		826	
WS11	05.05.78	—		602	
WS12	"	1395		1086	
WS13	"	—		—	
WS14	"	—		672	
BASF1	"	—		—	
BASF2	"	—		—	
BASF3	"	—		—	
BASF4	"	—		—	
BASF5	"	—		—	
WS11	05.07.78	1618		—	
WS12	"	1966		1179	
WS13	"	—		—	
WS14	"	—		—	
BASF1	"	663		—	
BASF2	"	488		—	
BASF3	"	—		—	
BASF4	"	—		—	
BASF4	"	—		—	
BASF5	"	—		—	
WS11	"	2710		3320	
WS12	19.10.78	675		4440	
WS13	"	—		—	
WS14	"	6360		1099	

NO₃+NO₂ 0-10 cm

STAALNR	DATUM	NO ₂ ⁻ N	DIEPTE	BW NO ₂ ⁻ N
WS11	19.10.78	140	0-10	103
WS12	"	83	—	—
WS13	"	98	—	135
WS14	"	176	—	127

PO₄³⁻ -P

STAALNR	DATUM	CONC	(0-10 CM)	bw
WS11	19.10.78	330	238	—
WS12	"	—	—	—
WS13	"	154	—	—



STAALNR	DATUM	NO ₃ 0-4	DIEPTE	NO ₃ ⁻	bw
WS21	12.12.78	0-2 2-4 3000 2074	4-8 2018	—	1058
WS22	"	2421	4-8	3195	—
WS23	"	1747	4-8	604	—
WS24	"	—	4-8	1461	1821
WS25	"	390	4-8	691	1177
WS31	"	1620	4-10	1190	1256
WS32	"	1779	—	—	1013
WS33	"	2478	—	—	—
WS34	"	2074	4-8	1423	995
WS41	"	1258	—	—	1345
WS42	"	684	4-8	620	611
WS43	"	—	4-8	1766	902
WS44	"	1903	4-8	1788	—
WS45	"	—	—	—	1456
WS51	"	668	4-8	610	—
WS52	"	729	—	—	953
WS53	"	1071	4-8	785	889
WS54	"	420	4-8	340	1192
WS55	"	—	—	—	—
WS56	"	1917	—	—	—
WS57	"	—	—	—	210

PO₄³-P BEPALING (ppb)

STAALNR	DATUM	O-4	BW
WS11	05.05.77	—	—
WS12	"	135	390
WS13	"	192	204
WS14	"	—	—
BASF(gibs)	"	585	—
WS11	07.06.77	195	—
WS12	"	432	—
WS13	"	—	—
WS14	"	450	—
BASF1	"	72	—
BASF2	"	294	—
BASF3	"	615	—
BASF4	"	—	—
BASF5	"	702	—
WS11	01.09.77	390	—
eigen staalname			
WS11	18.10.77	426	315
WS12	"	—	—
WS13	"	315	42
WS14	"	960	240
BASF2	"	240	84
BASF3	"	258	—
WS11	26.01.78	480	315
WS12	"	210	198
WS13	"	195	156
WS14	"	120	92
BASF1	"	186	105
BASF2	"	288	222
BASF3	"	225	174
BASF4	"	780	150
BASF5	"	156	72

PO₄³-BEPALING

STAALNR	DATUM	O-4	BW
WS11	05.05.78	345	246
WS12	"	225	264
WS13	"	138	96
WS14	"	450	306
BASF1	"	90	120
BASF2	05.05.78	378	315
BASF3	"	645	285
BASF4	"	—	—
BASF5	"	—	—
WS11	05.07.78	420	—
WS12	"	315	438
WS13	"	—	—
WS14	"	726	—
BASF1	"	450	408
BASF2	"	1653	—
BASF3	"	—	2000
BASF4	"	—	—
BASF5	"	—	—

Si ppb

STAALNR	DATUM	CONC O-4	DIEPTE	CONC	BW
WS56	26.06.79	590	4-8	379	-
WS57	"	672	4-8	1209	165

PO₄[≡] -P ug/l

STAALNR	DATUM	CONC O-4	DIEPTE	CONC	BW
WS21	12.12.78	853 ⁰⁻² 440 ²⁻⁴	4-6 651	-	550
WS22	"	281	4-8	319	85
WS23	"	814	4-8	466	427
WS24	"	161	4-8	312	97
WS25	"	205	4-8	324	66
WS31	"	439	4-10	414	293
WS32	"	250	-	-	146
WS33	"	427	4-8	323	310
WS34	"	561	4-8	487	317
WS41	"				219
WS42	"	484	4-8	367	158
WS43	"	256	4-8	156	88
WS44	"	183 ²⁻⁴	4-8	232	1779
WS45	"	807	-	-	232
WS51	"	427	4-8	1229	73
WS52	"	307	4-8	207	6761
WS53	"	689	4-8	563	220
WS54	"	171	4-8	704	97
WS55	"	110	-	-	-
WS56	"	-	4-8	110	72
WS57	"	434	-	-	122

WS21	04.04.79	1075 ⁰⁻² 225 ²⁻⁴	4-8	315	348
WS22	"	284	4-8	361	693
WS23	"	274	4-8	545	214
WS24	"	469 519	1046		
WS25	"	0-2 2-4	6-8	-	72
WS31	"	440	4-8	240	260
WS32	"	87	4-8	159	312
WS33	"	209	4-8	183	107
WS34	"	589	4-8	712	-

PO₄[■] -P ppb

staalnr	datum	CONC 0-4	DIEPTE	CONC	BW
WS41	04.04.79	505	4-8	693	204
WS42	"	511 ⁰⁻⁴ 310 ⁴⁻⁸	635 ⁸⁻¹²	—	125
WS43	"	296	4-8	242	389
WS44	"	433	4-8	214	122
WS45	"	229	4-8	228	216
WS51	"	—	4-8	173	55
WS52	"	231	4-8	173	55
WS53	"	328	4-8	374	115
WS54	"	216	4-8	837	92
WS55	"	87	4-8	411	107
WS56	"	244	4-8	168	206
WS57	"	227	4-8	144	115
WS21	26.06.79	1075 ⁰⁻² 657 ²⁻⁴	4-8	768	253
WS22	"	884	4-8	505	151
WS23	"	468	4-8	328	94
WS24	"	253	4-8	303	—
WS25	"	374 ⁰⁻⁴	394 ⁴⁻⁸	—	24
WS31	"	253	4-8	278	86
WS32	"	303	4-8	227	125
WS33	"	303	4-8	183	47
WS34	"	909	4-8	1202	—
WS41	"	253	4-8	273	59
WS42	"	606	4-8	202	125
WS43	"	126	4-8	101	31
WS44	"	167	4-8	152	31
WS45	"	429	4-8	404	165
WS51	"	1212	4-8	884	118
WS52	"	505	4-8	465	125
WS53	"	1222	4-8	828	40
WS54	"	707	4-8	1414	—
WS55	"	131	4-8	126	—
WS56	"	101	4-8	101	—
WS57	"	162	4-8	278	78

Si ppb

STAALNR	DATUM	CONC 0-4	DIEPTE	CONC 0-8	BW
WS21	04.04.79	615	4-8	394	3279
WS22	"	1162	4-8	556	342
WS23	"	850	4-8	697	1275
WS24	"	—	—	—	—
WS25	"	0-2 2-4 3694 3478	6-8 5130	—	—
WS31	"	780	4-8	761	1536
WS32	"	789	4-8	451	667
WS33	"	687	4-8	837	83
WS34	"	1328	4-8	1594	249
WS41	"	1328 0-2 4-8	4-8 8-12 12-16	1094	719
WS42	"	747 789	394 498	—	175
WS43	"	1009	4-8	719	706
WS44	"	732	4-8	1060	685
WS45	"	614	4-8	1145	921
WS51	"	—	4-8	2573	822
WS52	"	274	—	—	157
WS53	"	706	4-8	1560	599
WS54	"	1461	4-8	1013	581
WS55	"	392	—	—	331
WS56	"	506	4-8	447	528
WS57	"	746	4-8	1197	623
WS21	26.06.79	0-2 1004	4-8	872	237
WS22	"	909	—	—	208
WS23	"	—	4-8	540	323
WS24	"	577	4-8	540	575
WS25	"	664	4-8	689	228
WS31	"	553	4-8	435	299
WS32	"	672	4-8	747	269
WS33	"	790	—	—	112
WS34	"	589	4-8	664	—
WS41	"	—	4-8	797	100
WS42	"	3160	4-8	755	540
WS43	"	731	4-8	748	187
WS44	"	387	4-8	415	280
WS45	"	955	4-8	1106	249
WS51	"	1419	4-8	1290	549
WS52	"	315	—	—	91
WS53	"	340	4-8	747	165
WS54	"	830	4-8	1370	—
WS55	"	415	4-8	581	—

ORGANISCHE KOOLSTOF (WACKEL - BLACK)

STAALNR	DATUM	LABONR	ml VL	g afgw	mg C	%C	%gem
11312 A	09.06.77	2599	19.25	0.1616	1.7181	1.063	1.0355%
11312 B	"	2598	20.53	0.08833	0.8901	1.008	
11312 C	"	2599					
11315 A	"	2594	14.44	0.24426	5.037	2.062	2.032%
11315 B	"	2595	12.27	0.32646	6.5343	2.002	
11315 C	"	2596					
12501 A	08.06.77	2600	20.61	0.1005	0.9977	0.779	0.7245%
12501 B	"	2601	20.55	0.11736	0.8211	0.670	
12501 C	"	2602					
11860 A	"	2630	20.68	0.21357	0.7314	0.342	0.3266%
11860 B	"	2631	21.27	0.10417	0.3243	0.311	
11860 C	"	2632					
11331 A	10.06.77	2633	19.72	0.10758	1.3938	1.296	1.3215%
11331 B	"	2634	18.73	0.15417	2.0769	1.347	
11331 C	"	2635					
12830 A	08.06.77	2621	20.87	0.12224	0.7383	0.604	0.602%
12830 B	"	2622	20.47	0.16914	1.0143	0.600	
12830 C	"	2623					
12300 A	"	2609	11.49	1.86751	7.1277	0.382	0.390%
12300 B	"	2610	15.75	1.05106	4.1814	0.398	
12300 C	"	2611					
10080 A	10.06.77	2612	20.15	1.36520	1.1523	0.084	0.082%
10080 B	"	2613	20.54	1.10474	0.8832	0.080	
10080 C	"	2614					
11851 A	08.06.77	2627	20.77	1.44294	0.7245	0.050	0.051%
11851 B	"	2629	20.53	1.71347	0.8901	0.052	
11121 A	09.06.77	2639	17.54	1.97100	2.9532	0.150	0.1455%
11121 B	"	2641	18.39	1.68191	2.3667	0.141	
11150 A	10.06.77	2636	20.78	2.23933	0.7176	0.032	0.0385%
11150 B	"	2638	20.67	1.74071	0.7935	0.045	
12510 A	08.06.77	2645	18.89	2.23933	2.0217	0.090	0.0825
12510 B	"	2647	19.93	1.74071	1.3041	0.075	
10061 A	10.06.77	2624	21.00	1.08534	0.5658	0.052	0.0525
10061 B	"	2626	21.01	1.04389	0.5589	0.053	
10500 A	"	2615	21.06	0.31581	0.7728	0.245	0.2425%
10500 B	"	2617	20.73	0.41650	1.0005	0.240	
11880 A	09.06.77	2603	21.13	0.13479	0.7245	0.537	0.5545%
11880 B	"	2605	20.67	0.18206	1.0419	0.572	
10481 A	"	2618	21.75	0.6515	0.20167	0.045	0.0495%
10481 B	"	2620	21.54	0.81314	0.4416	0.054	
11672 A	08.06.77	2606	19.99	0.17124	1.5111	0.882	0.9035
11672 B	"	2608	19.93	0.16791	1.5525	0.925	

ORGANISCHE KOOLSTOF (WACKEL-BLACK)

STAALNR	DATUM	LABONR	ml vl	g afgew	mg C	%C	%gem
10791 A	09.06.77	2597	17.69	0.23246	3.6981	1.333	1.30
10791 B	"	2599	18.60	0.19250	2.4702	1.283	
12510 A	13.09.77	2690 A	17.85	1.04599	2.8842	0.276	0.26
	"	B	17.17	1.12601	2.9601	0.263	
11851 A	"	2696 A	18.13	0.31591	2.6910	0.852	0.84
	"	B	18.33	0.30454	2.5530	0.838	
11150 A	"	2714 A	20.71	1.16934	0.9108	0.078	0.07
	"	B	20.69	1.29790	0.9246	0.071	
11121 A	"	2708 A	19.18	0.33864	1.9665	0.581	0.55
	"	B	19.89	0.28021	1.4766	0.527	
11672 A	"	2702 A	18.14	0.27888	2.6841	0.962	0.98
	"	B	18.13	0.26618	2.6910	1.01	
12830 A	"	2684 A	16.34	0.85282	3.9261	0.460	0.47
	"	B	16.68	0.76855	3.6915	0.480	
10791 A	"	2756 A	19.75	0.12866	1.5732	1.223	1.18
	"	B	18.91	0.18855	2.1528	1.142	
11312 A	"	2705 A	19.46	0.37420	1.7733	0.474	0.47
	"	B	19.72	0.33837	1.5939	0.471	
11860 A	"	2699 A	18.59	0.44934	2.3736	0.528	0.51
	"	B	19.69	0.29139	1.6146	0.554	
12300 A	"	2693 A	20.15	1.23056	1.2972	0.105	0.10
	"	B	20.11	1.26583	1.3248	0.105	
12501 A	"	2687 A	16.20	1.50231	4.0227	0.268	0.27
	"	B	17.45	1.12911	3.1602	0.280	
10500 A	12.09.77	2675 A	19.70	0.60028	1.6077	0.267	0.27
	"	B	19.53	0.59975	1.7250	0.288	
10080 A	"	2669 A	21.05	1.64471	0.6762	0.041	0.04
	"	B	21.30	1.14618	0.5037	0.044	
10061 A	"	2672 A	20.85	1.15545	0.8142	0.070	0.07
	"	B	20.68	1.24460	0.9315	0.075	
10481 A	13.09.77	2717 A	17.69	0.33466	2.9946	0.895	0.81
	"	A	20.05	0.18467	1.3662	0.740	
11880 A	"	2681 A	17.99	0.16331	2.7876	1.707	1.70
	"	B	18.30	0.14480	2.5737	1.777	
11331 A	"	2712 A	13.45	0.35347	5.9202	1.675	1.70
	"	B	16.56	0.21646	3.7743	1.744	
11315 A	"	2679 A	20.74	1.18060	0.8901	0.075	0.06
	"	B	20.97	1.22277	0.7314	0.060	
12300 A	09.03.78	2901 A	19.78	0.51110	1.5525	0.304	0.30
	"	B	19.31	0.62083	1.8768	0.302	

ORGANISCHE KOOLSTOF (WACKEL-BLACK)

STAALNR	DATUM	LABONR	ml vl	G afgew	mg C	%C	%gem
10791 A	06.03.78	2855 A B	13.64 13.60	0.29115 0.29334	5.7891 5.8857	1.988 2.006	1.997%
10481	"	2858 A B	16.84 18.91	0.40174 0.22931	3.4086 1.9863	0.848 0.864	0.856%
10061 A	07.03.78 "	2864 A B	20.72 20.13	1.43397 2.25607	0.7107 1.1385	0.050 0.050	0.050%
11315	06.03.78 "	2846 A B	16.85 15.25	0.20072 0.26962	3.4914 4.5954	1.739 1.704	1.7215%
12510 A	09.03.78 "	2904 A B	20.48 20.36	1.87687 1.91743	0.8970 0.9798	0.048 0.051	0.0495%
11880 A	" "	2913 A B	15.72 19.10	0.35958 0.14983	4.1814 1.8492	1.163 1.234	1.1985%
11860 A	08.03.78 "	2876 A B	19.49 19.46	0.17348 0.17018	1.5801 1.6008	0.911 0.941	0.962%
12830 A	09.03.78 "	2910 A B	19.23 19.86	0.52306 0.38613	1.8492 1.4145	0.353 0.366	0.359%
11331 A	" "	2842 A B	19.48 17.05	0.11584 0.22156	1.6767 3.3534	1.447 1.513	1.480%
11672 A	08.03.78 "	2873 A B	19.14 19.40	2.17848 1.99653	1.9113 1.7319	0.088 0.087	0.0875%
11150 A	06.03.78 "	2839 A B	12.78 16.66	0.26726 0.15217	6.2997 3.6225	2.357 2.380	2.3685%
10080 A	07.03.78 "	2870 A B	20.64 19.84	1.73350 2.69825	0.8763 1.4283	0.050 0.053	0.052%
11121 A	06.03.78 "	2852 A B	21.00 21.23	2.27872 1.46120	0.6279 0.4692	0.029 0.032	0.031%
11312 A	" "	2849 A B	13.77 15.88	0.21868 0.16111	5.6166 4.1883	2.568 2.560	2.564%
12501 A	09.03.78 "	2907 A B	19.61 19.45	1.74380 1.95789	1.587 1.6974	0.091 0.087	0.089%
11851 A	" "	2898 A B	17.26 19.06	0.48565 0.30809	3.2085 1.9665	0.661 0.638	0.650%
10500 A	06.03.78 "	2861 A B	17.28 16.97	0.17456 0.18653	3.1947 3.4086	1.830 1.827	0.82%

ORGANISCHE KOOLSTOF (WACKEL -BLACK)

STAALNR + DIEPTE	DATUM	GEWICHT	ml vl	mg C	% C	%GEM
11851 (4-8)	05.12.78	0.11148	17.46	1.3386	1.201	1.063
		0.13258	17.62	1.2282	0.926	
12501 (0-2)	05.12.78	1.31014	18.76	0.4830	0.037	0.035
		1.84177	18.50	0.6210	0.034	
12501 (6-8)	05.12.78	2.20978	11.03	5.8167	0.263	0.269
		1.43655	13.71	3.9675	0.276	
10481 (0-4)	04.12.78	1.14847	17.97	1.0281	0.089	0.093
		0.84037	18.27	0.8211	0.098	
12501 (2-4)	05.12.78	1.60137	20.46	0.5313	0.033	0.035
		2.36397	20.04	0.8418	0.036	
12830 (0-4)	05.12.78	0.44079	13.31	5.4648	1.240	1.250
		0.39539	14.02	4.9749	1.258	
10500 (0-4)	04.12.78	1.63485	17.74	2.4081	0.147	0.151
		1.50460	17.60	2.5047	0.166	
11331 (0-4)	06.12.78	1.22671	12.11	6.2928	0.513	0.516
		0.88131	14.61	4.5676	0.518	
11312 (0-4)	06.12.78	0.47076	11.52	6.6999	1.423	1.403
		0.32784	14.66	4.5333	1.383	
13315 (0-4)	06.12.78	0.29400	13.73	3.7881	1.288	1.168
		0.51262	9.20	6.9138	1.349	
11860 (0-4)	06.12.78	1.27743	14.66	3.2223	0.252	0.255
		1.07158	15.21	2.7669	0.258	
10791 (0-4)	06.12.78	0.91449	8.76	7.2519	0.793	0.764
		1.23591	6.11	9.0804	0.735	
12501 (4-6)	06.12.78	2.32522	15.28	2.7185	0.117	0.117
		1.59293	16.55	1.8423	0.116	
11121 (0-4)	06.12.78	0.47269	16.31	2.0079	0.425	0.392
		0.61764	16.61	2.2149	0.359	

NO₂⁻ - N bepaling (conc=μg/l)

Staalnr	datum	NO ₂ ⁻ -N (o-4)	volgende fractie		bovenstaand water
			DIEPTE / CONC		
11672	08.06.77	—	—	—	—
11860	"	—	—	—	—
11851	"	—	—	—	—
12300	"	—	—	—	—
12501	"	—	—	—	—
12830	"	14	—	—	—
11121	09.06.77	61	—	—	—
11315	"	9	—	—	—
11880	"	20	—	—	—
11312	"	30	—	—	—
10791	"	16	—	—	—
10481	"	38	—	—	—
11331	"	65	—	—	—
11150	"	20	—	—	—
10500	"	93.5	—	—	—
10061	"	15.5	—	—	—
10080	"	28	—	—	—
10080	12.09.77	—	—	—	—
10061	"	—	—	—	—
10500	"	—	—	—	—
11315	13.09.77	—	—	—	—
11880	"	4	—	—	—
12830	"	150	—	—	—
12501	"	—	—	—	—
12510	"	20	—	—	—
12300	"	92	—	—	—
11860	"	65	—	—	—
11672	"	13	—	—	—
11312	"	12	—	—	—
11121	"	8	—	—	—
11331	"	6	—	—	—
11150	"	21	—	—	—
10481	"	9	—	—	—
10791	"	10	—	—	—
11851	"	18	—	—	—
11150	09.01.78	—	—	—	—
11331	"	—	—	—	—
11321	"	—	—	—	—
11121	"	—	—	—	—
10791	"	—	—	—	—
11150	06.03.78	12	4-8	4	82
11331	09.03.78	12	4-10	6	—
11315	06.03.78	25	4-10	8	—
11312	"	(sporen) (len2)	4-11	6	—
11121	"	16	—	—	22
10791	"	87	4-14	11	—
10481	"	82	4-12	37	—
10500	"	12	4-11	12	—
10061	07.03.78	(0-3cm) 128	—	—	48
10080	"	26	—	—	16

NO₂ - N bepaling (conc = $\frac{mg}{l}$)

Staalnr	datum	NO ₂ -N(o-4)	volgende fractie DIEPTE/CONC		bovenstaand water
11672	09.03.78	14			15
11860	"	14	(4-11)	75	-
11851	"	10.5	(4-10)	13	-
12300	"	17	-	-	34
12510	"	9	-	-	32
12501	"	74	-	-	52
12830	"	16	(4-7)	24	-
11880	"	10	(4-10)	12	59
12830	13.04.78	5	(4-12)	4	31
11312	14.04.78	28			37
11672	13.04.78	9	(4-11)	37	32
10080	12.04.78		(0-8)	20	-
10500	"	153			-
10481	"	39	(4-8)	45	17
11851	13.04.78	15	(4-10)	15.5	9
10061	12.04.78	21.5			22
12501	13.04.78	199	(4-9)	42	51
11860	"	165	(6-10)	18	34
12300	"	28	(4-9.5)	23	-
11315	12.04.78	68	(4-14)	25	31
11121	12.04.78	23	(4-8)	16	7
11331	14.04.78	104	(4-12)		101
11880	"	16	(4-12.5)	19	-
11150	"	24	(4-8)	21	21
10791	12.04.78	548	-	-	10
11315	20.06.78	52	(4-8)	51	-
10500	"	39			100
11150	"	48	(4-12)	9	17
10481	"	31	(4-12)	40	-
12510	19.06.78	29	(4-10.5)	12	18
11860	"	68			-
11851	"	89	(4-12)	31	65
12300	"	43			23
10061	21.06.78	29	(4-11)	18	32
11672	19.06.78	-geen interstitiele H ₂ O			-
12830	"	17	(4-8)	31	74
11880	20.06.78	64	(4-12)	32	17
12501	21.06.78	19	(4-12)	29	20
11312	20.06.78	38	(4-12)	38	-
10791	"	131	(4-12)	77	-
11331	"	69	(4-15.5)	88	-
10080	"	27	(4-10)	8	58
11121	"	42	(4-9)	130	23

NO₂⁻ - N bepaling (conc= µg/l)

staalnr	datum	NO ₂ ⁻ -N(0-4)	volgende fractie DIEPTE/CONC		bovenstaand water
11315	06.09.78	20	(4-8)	21	
10500	"	37			37
11150	"	36	(4-8)	47	21
10481	"	13			23
12510	"	10	(4-8)	153	94
11860	"	91	(8-12)	90	
11851	"	100	(4-8)	41	-
12300	"	8			-
10061	"	24	(4-8)	39	-
11672	"	te weinig	(4-8)	10	27
12830	"	13	(4-8)	8	22
11880	"	33	(4-8)	11	62
12501	"	88			25
11312	"	16	(4-8)	26	
10791	"	26	(4-8)	14	49
11331	"	13	(4-8)	134	26
10080	"	106	(4-8)	408	41
11121	"	16	(4-8)	20	23
10500	04.12.78	103			64
11150	"	142	(4-8)	63	17
12510	"	234			14
11860	"	70	(4-8)	77	40
12300	"	87	(4-8)	63	33
10061	"	35	(4-8)	123	34
11672	"	75	(4-8)	38	
12830	"	13			15
11880	"	144	(4-8)	109	
11312	"	54			75
10791	"	53.5	(4-8)	210	49
11331	"	253	(4-8)	81	
10080	"	92			23
11121	"	44	(4-8)	86	33

diepte	11315	12501	11851	10481
BW	151	44	-	-
0-2	101	43	17.6	211
2-4	88	112	6.6	57
4-6	123	95	128	-
6-8	178	246	62	-
8-10	202	-	695	-
10-12	206	-	259	-

NO_3^- - BEPALING+ NO_2^-		ug/l			
STAALNR	DATUM	O-4 $\text{NO}_3^- + \text{NO}_2^-$	DIEPTE	conc $\text{NO}_3 + \text{NO}_2$	BW
11672	08.06.77	—			
11860	"	—			
11851	"	—			
12300	"	—			
12510	"	—			
12501	"	—			
12830	"	56			
11121	09.06.77	312			
11315	"	31			
11880	"	65			
11312	"	40			
10791	"	74			
10481	"	115			
11331	"	29			
11150	"	290			
10500	"	310			
10061	"	728			
10080	"	650			
10080	12.09.77	—			
10061	"	—			
10500	"	—			
11315	13.09.77	—			
11880	"	30			
12830	"	370			
12501	"	68			
12510	"	558			
12300	"	3733			
11851	"	83			
11860	"	280			
11672	"	116			
11312	"	57			
11121	"	102			
11331	"	110			
11150	"	665			
10481	"	47			
10791	"	47			
11150	09.01.78	—			
11331	"	—			
11312	"	—			
11121	"	—			
10791	"	—			
11150	06.03.78	485	4-8	312	216
11131	09.03.78	153	4-10	30	—
11315	06.03.78	398	4-10	297	—
11312	"	414	4-12	494	—
11121	"	1266	—	—	1043
10791	"	417	4-14	298	—
10481	"	476	4-12	225	799
10500	"	39	4-11	94	—
10061	07.03.78	925	—	—	666

STAALNR	DATUM	NO ₃ - - BEPALING		+NO ₂ -	μg/l	DIEPTE	ppb NO ₃ +NO ₂	BOVEN WATER
		0-4 ppb						
		NO ₃	+NO ₂					
10080	"	736		-	-	-	-	352
11672	09.03.78	1152		-	-	-	-	-
11860	"	715		4-11	393	-	-	-
11851	"	375		4-10	140	-	-	-
12300	"	300		-	-	-	-	-
12510	"	923		-	-	-	-	1167
12501	"	374		-	-	-	-	902
12830	"	223		4-7	119	-	-	-
11880	"	75		4-10	124	-	-	167
12830	13.04.78	55		4-12	32	-	-	253
11312	14.04.78	994		-	-	-	-	251
11672	13.04.78	455		4-11	53	-	-	414
10080	12.04.78	835		-	-	-	-	-
10500	"	663		4-9	389	-	-	366
10481	"	1172		4-9	110	-	-	-
11861	13.04.78	682		4-10	588	-	-	-
12510	"	193		4-12	565	-	-	714
10061	12.04.78	964		4-10	407	-	-	505
12501	13.04.78	1395		4-9	491	-	-	687
11860	"	-		6-10	437	-	-	662
12300	"	-		4-9.5	60	-	-	458
11315	12.04.78	1315		4-14	115	-	-	335
11121	"	1965		4-8	1009	-	-	562
11331	14.04.78	607		4-12	354	-	-	-
11880	"	247		4-12.5	76	-	-	-
11150	"	1120		4-8	1428	-	-	188
10791	12.04.78	-		-	-	-	-	711
11315	20.06.78	594		4-8	1395	-	-	-
10500	"	612		-	-	-	-	568
11150	"	994		4-12	767	-	-	204
10481	"	865		4-12	1242	-	-	-
12510	19.06.78	605		4-10.5	161	-	-	283
11860	"	746				-	-	
11851	"	614		4-12	297	-	-	342
12300	"	815		-	-	-	-	229
10061	21.06.78	1934		4-11	313	-	-	783
11672	19.06.78	-		-	-	-	-	-
12830	"	672		4-8	482	-	-	248
11880	20.06.78	325		4-12	290	-	-	170
12501	21.06.78	669		4-12	509	-	-	186
11312	20.06.78	448		4-12	350	-	-	-
10791	"	2545		4-12	1111	-	-	-
11331	-	676		4-15.5	89	-	-	-
10080	"	1434		4-10	888	-	-	424
11121	"	1030		4-9	595	-	-	321
11121	04.09.78	505		4-8	227	-	-	303
11851	04.09.78	200		8-12	115	-	-	-
10061	"	772		4-8	183	-	-	343
11331	"	332		4-8	1662	-	-	166
12300	"	387		-	-	-	-	119
10791	"	851		4-8	580	-	-	210
11315	"	485		4-8	441	-	-	-
11150	"	689		4-8	560	-	-	204

NO_3^- - BEPALING

 $+\text{NO}_2^-$

STAALNR	DATUM	0-4 ppb		DIEPTE	$\text{NO}_3^- + \text{NO}_2^-$ ppb	BOVEN WATER
		NO_3^-	$+\text{NO}_2^-$			
12830	04.09.78	187		4-8	34	105
11342	"	254		4-8	377	—
12510	"	1287		4-8	349	590
11860	"	280		4-8	382	—
12501	"	517		—	—	353
10481	"	472		—	—	416
11880	"	322		4-8	88	102
10080	"	339		4-8	695	254
11672	"	560		4-8	661	214
10500	"	105		—	—	204
10500	06.12.78	763		—	—	—
11150	"	—		4-8	1258	—
12510	"	2096		—	—	—
11860	"	—		4-8	381	407
12300	"	112		4-8	1108	348
10061	"	1009		4-8	935	238
11672	"	—		4-8	334	—
12830	"	504		—	—	—
11880	"	966		—	—	—
11312	"	544		—	—	—
10791	"	534		4-8	1573	191
11331	"	3867		4-8	318	—
10080	"	410		—	—	—
11121	"	785		4-8	1334	—
DIEPTE	11315	12501		11851	10481	

BW	174	1907	—	—
0-2	826	1108	—	1903
2-4	841	1588	1812	1430
4-6	1049	—	1168	—
6-8	—	—	684	—
8-10	1188	—	—	—
10-12	1065	—	—	—

PO₄³⁻ -P Bepalingen (CONC: µg/l)

Staalnr	datum	PO ₄ ³⁻ (0-4)	CM	PO ₄ ³⁻	Boven water
11672	08.06.77	—			
11860	"	—			
11851	"	—			
12300	"	—			
12510	"	—			
12501	"	—			
12830	"	1673			
11121	"	875			
11315	"	88			
11880	"	100			
11312	"	97			
10791	"	216			
10481	"	1080			
11331	"	156			
11150	"	862			
10500	"	1950			
10061	"	2163			
10080	"	1623			
10080	12.09.77	—			
10061	"	—			
10500	"	—			
11315	13.09.77	—			
11880	"	234			
12830	"	1367			
12501	"	210			
12510	"	2914			
12300	"	4104			
11851	"	594			
11860	"	210			
11672	"	966			
11312	"	426			
11121	"	624			
11331	"	306			
11150	"	1733			
10481	"	1383			
10791	"	570			
11150	09.01.78	—			
11331	"	—			
11312	"	—			
11315	"	—			
11121	"	—			
10791	"	—			
11150	06.03.78	3086	4-8	300	384
11331	09.03.78	486	4-10	372	—
11315	06.03.78	756	4-10	2769	—
11312	"	432	4-11	474	—
11121	"	486	—	—	336
10791	"	450	4-14	456	—
10481	"	2957	4-12	—	—
10500	"	135	4-11	30	—
10061	07.03.78	1407	—	—	1350
10080	"	1667	—	—	690

PO₄³⁻ -BEPALING (CONC: µg/l)

Staalnr	Datum	PO ₄ ³⁻ - N (o-4)	CM	PO ₄ ³⁻ -	Boven Water
11672	08.03.78	150	—	—	120
11860	"	180	4-11	1553	—
11851	"	3958	4-10	1527	—
12300	09.03.78	270	—	—	75
12510	"	144	—	—	150
12501	09.03.78	636	—	—	60
12830	"	915	4-7	996	480
11880	"	2067	4-10	1767	66
12830	13.04.78	200	4-10	37	228
11312	14.04.78	210	—	—	126
11672	13.04.78	138	4-11	60	180
10080	12.04.78	495	0-8	—	—
10500	"	1200	—	—	204
10481	"	1467	4-8	1427	345
11851	13.04.78	4260	4-10	3990	216
12510	"	148	4-10	150	66
10061	12.04.78	4390	4-10	2957	360
12501	13.04.78	420	4-9	315	90
11860	"	230	4-10	2597	84
12300	"	165	4-9.5	285	135
11315	14.04.78	165	4-14	3886	264
11121	12.04.78	300	4-8	885	66
1131	14.04.78	786	4-12	1833	—
11880	"	75	4-12.5	4468	—
11150	"	132	4-8	246	90
10791	12.04.78	300	—	—	135
11315	20.06.78	150	4-8	594	—
10500	"	721	—	—	90
11150	"	600	4-12	540	60
10481	"	2850	4-12	4286	—
12510	19.06.78	300	4-10.5	225	45
11860	"	270	—	—	—
11851	"	3043	4-12	2606	60
12300	"	750	—	—	60
10061	21.06.78	780	4-11	600	30

PO₄³⁻ - Bepalinger. (CONC: u/l)

Staalnr	datum	PO ₄ ³⁻ - P (0-4)	CM	PO ₄ ³⁻	Beven water
11672	19.06.78	—	—	—	—
12830	"	570	4-8	810	126
11880	20.06.78	2467	4-12	2589	60
12501	21.06.78	1367	4-12	1170	72
11312	20.06.78	132	4-12	78	—
10791	20.06.78	738	4-12	2837	—
11331	"	420	4-15.5	75	—
10080	"	690	4-10	1026	30
11121	"	330	4-9	285	84
11315	06.09.78	81	4-8	406	—
10500	"	348	—	—	47
11150	"	880	4-8	910	972
10481	"	645	—	—	450
12510	"	433	4-8	240	spor
11860	"	778	4-12	2348	—
11851	"	4188	4-8	2022	—
12300	"	sporen	—	—	700
10061	"	1166	4-8	2421	—
11672	"	te weinig	4-8	187	66
12830	"	253	4-8	39	86.66
11880	"	397	—	—	66
12501	"	226	—	—	73
11312	"	213	4-8	66	—
10791	"	188	4-8	125	93
11331	"	73	4-8	109	78
10080	"	2138	4-8	4402	363
11121	"	233	4-8	148	51
10500	04.12.78	2568	—	—	18
11150	"	293	4-8	311	55
12510	"	609	—	—	92
11860	"	110	—	—	100
12300	"	402	4-8	366	37
10061	"	1651	4-8	1133	49
11672	"	743	4-8	183	—
12830	"	851	—	—	61
11880	"	24	4-8	122	—
11312	"	207	—	—	110
10791	"	226	4-8	377	122
11331	"	43	4-8	134	—
10080	"	193	—	—	61
11121	"	246	4-8	731	73

DIEPTE	11315	12501	11851	10481
BW	292	44	—	—
0-2	107	451	274	303
2-4	1188	518	253	636
4-6	2900	408	158	—
6-8	998	561	8143	—
8-10	—	—	—	—
10-12	553	—	—	—

PO₄⁻³-P BEPALING (µg/l)

STAALNR	DATUM	conc (0-4)	DIEPTE	conc	BW
10500	25.04.79	—	—	—	—
11150	"	173	4-8	557	14
12510	"	563	4-8	505	36
11860	"	—	4-8	361	116
12300	"	—	4-8	244	31
10061	"	—	—	—	—
11672	"	180	4-8	1010	87
12830	"	435	4-8	343	17
11880	"	22	4-8	23	40
11312	"	43	4-8	72	153
10791	"	—	—	—	101
11331	"	7	4-8	159	7
10080	"	562	—	—	76
11121	"	473	4-8	346	153

DIEPTE	11315	12501	11851	10481	—
BW	78	199	—	—	—
0-2	—	144	171	202	—
2-4	34	708	—	736	—
4-6	325	418	—	231	—
6-8	289	375	58	—	—
8-10					
10-12					

STAALNR	DATUM	CONC (0-4)	DIEPTE	CONC	BW
10500	19.06.79	414	4-8	530	38
11150	"	337	4-8	347	92
12510	"	1137	4-8	206	92
11860	"	644	4-8	157	38
12300	"	245	4-8	235	78
10061	"	720	4-8	357	53
11672	"	363	4-8	196	108
12830	"	314	4-8	2720	59
11880	"	644	4-8	245	—
11312	"	743	4-8	359	84
11331	"	1586	4-8	5946	—
10080	"	1715	4-8	1911	39
11121	"	475	4-8	337	84

DIEPTE	11315	12501	11851	10481
BW	118	49	104	216
0-2	—	970	198	1607
2-4	49	686	198	8720
4-6	368	—	258	4371
6-8	441	—	198	4616
8-10	—	—	248	—
10-12	—	—	505	—
12-14	—	—	421	—

NH_4^+ -BEPALING (mg/l)

STAALNR	DATUM	NH_4^+ (0-4)	DIEPTE	NH_4^+	BOVEN WATER
11672	08.06.77	—			
11860	"	—			
11851	"	—			
12300	"	—			
12510	"	—			
12501	"	—			
12830	"	46.84			
11121	09.06.77	3.469			
11315	"	5.586			
11880	"	sporen			
11312	"	8.536			
10791	"	11.30			
10481	"	3.528			
11331	10.06.77	8.616			
11150	"	3.333			
10500	"	7.775			
10061	"	2.891			
10080	"	2.989			
10080	12.09.77	—			
10061	"	—			
10500	"	—			
11315	13.09.77	—			
11880	"	27.05			
12830	"	2.822			
12501	"	3.340			
12510	"	3.142			
12300	"	1.195			
11851	"	7.624			
11860	"	3.430			
11672	"	8.408			
11312	"	11.76			
11121	"	—			
11331	"	27.44			
11150	"	0.588			
10481	"	5.429			
10791	"	6.615			
11150	09.01.78	—	—	—	—
11331	"	—	—	—	—
11121	"	37.24	—	—	0.353
10791	"	—	—	—	—
11150	06.03.78	4.214	4-8	3.548	1.667
11331	09.03.78	19.600	4-10	26.07	—
11315	06.03.78	1.901	4-10	7.409	—
11312	"	3.920	4-11	4.782	—
11121	"	0.666	—	—	0.343
10791	"	3.587	4-11	4.684	—
10481	"	9.310	4-12	23.32	—
10500	"	4.90	4-11	5.272	—
10061	07.03.78	0.882	—	—	0.539
10080	"	0.902	—	—	0.412

NH₄⁺-BEPALING (mg/l)

STAALNR	DATUM	NH ₄ ⁺ (0-4)	DIEPTE	NH ₄ ⁺	BW
11672	07.03.78	0.451	—	—	0.688
11860	"	9.31	4-11	37.239	—
11851	"	19.6	—	—	—
12300	"	1.127	—	—	0.310
12510	"	0.588	—	—	0.706
12501	"	0.902	—	—	0.392
12830	"	6.252	—	—	—
11880	"	11.56	4-10	30.97	0.882
12830	13.04.78	4.273	4-11	6.659	2.058
11312	14.04.78	1.372	—	—	0.549
11672	13.04.78	2.058	4-11	4.586	0.725
10080	12.04.78	0.941	—	—	—
10500	"	1.441	4-9	3.097	0.862
10481	"	1.803	4-8	1.842	0.392
11851	13.04.78	3.110	4-10	21.36	1.960
12510	"	6.978	4-10	1.784	0.549
10061	"	2.528	4-9	2.234	1.1077
12501	13.04.78	1.156	4-9	2.136	0.392
11860	"	9.761	—	—	0.666
12300	"	te weinig	4-9.5	22.15	4.782
11315	12.04.78	6.596	—	—	0.372
11121	"	0.618	4-8	0.980	0.196
11331	14.04.78	27.44	—	—	—
11880	"	6.664	4-12.5	36.46	—
11150	"	0.529	4-8	0.686	0.470
10791	12.04.78	3.685	—	—	—
11315	20.06.78	1.912	4-8	17.84	—
10500	"	0.997	—	—	0.274
11150	"	0.764	4-12	0.588	0.196
10481	"	33.39	4-12	—	—
12510	19.06.78	1.940	—	—	0.294
11860	"	2.037	—	—	—
11860	"	2.037	—	—	—
11851	"	22.930	4-12	51.94	0.020
12300	"	1.254	—	—	0.196
10061	21.06.78	2.455	4-11	1.127	0.343
11672	19.06.78	—	—	—	—
12830	"	1.216	4-8	1.352	0.609
11880	20.06.78	17.440	4-12	41.16	0.412
12501	21.06.78	2.313	4-12	1.450	0.196
11312	20.06.78	14.7	4-12	21.854	—
10791	"	4.498	4-12	4.096	—
11331	"	14.70	4-15.5	39.2	—
10080	"	0.666	4-10	0.510	0.157
11121	"	8.232	4-9	7.605	1.029
11315	06.09.78	11.75	4-8	49.000	—
10500	"	1.352	—	—	0.686
11150	"	0.941	4-8	1.588	0.412
10481	"	1.127	—	—	0.804
12510	"	1.372	4-8	2.744	0.196
11860	"	19.6	4-8	51.94	—
11851	"	24.23	4-8	44.300	—
12300	"	3.087	—	—	1.078
10061	"	0.852	4-8	1.607	0.510
11672	"	0.608	4-8	0.510	0.343
12830	"	1.039	4-8	1.470	0.176
11880	"	5.664	4-8	30.38	0.608

NH_4^+ -BEPALING (mg/l)

STAALNR	DATUM	NH_4^+ (0-4)	DIEPTE	NH_4^+	BW
12501	06.09.78	0.843	-	-	0.333
11312	"	1.512	-	-	-
10791	"	12.74	4-8	3.410	0.568
11331	"	9.016	-	-	1.176
10080	"	0.713	4-8	2.401	0.599
11121	"	1.588	4-8	17.64	0.314

NH_4^+ -BEPALING ($\mu\text{g/l}$)

STAALNR	DATUM	NH_4^+ (0-4)	DIEPTE	NH_4^+	BW
10500	05.12.78	397	-	-	159
11150	"	270	4-8	302	315
12510	"	556	-	-	159
11860	"	3682	4-8	20910	199
12300	"	572	4-8	2115	397
10061	"	556	4-8	667	182
11672	"	2951	4-8	3273	-
12830	"	636	-	-	175
11880	"	19090	4-8	25456	-
11312	"	1090	-	-	788
10791	"	7273	4-8	858	352
11331	"	10610	4-8	-	-
10080	"	437	-	-	159
11121	"	835	4-8	795	111

DIEPTE	11315	12501	11851	10481
BW	849	318	-	-
0-2	4273	933	707	1000
2-4	34000	558	12676	914
4-6	27400	1212	26360	-
6-8	30060	1424	32270	-
8-10	42730	-	79430	-
10-12	36366	-	22300	-

NH_4^+ -BEPALING ppb

STAALNR	DATUM	NH_4^+ (0-4)	DIEPTE	NH_4^+	BW
10500	25.04.79	-	-	-	-
11150	"	296	4-8	1185	88
12510	"	640	4-8	726	242
11860	"	10804	-	-	2291
12300	"	1130	4-8	2552	324
10061	"	905	4-8	2058	3204
11672	"	745	4-8	1533	160
11880	"	13628	4-8	9480	350
11312	"	3212	4-8	5256	3829
10791	"	-	4-8	14773	592
11331	"	7703	4-8	39485	578
10080	"	632	-	-	358
11121	"	5290	4-8	6730	514
DIEPTE	11315	12501	11851	10481	
BW	257	53	-	-	
0-2	4040	175	-	2947	
2-4	6320	269	34365	3280	
4-6	6162	1006	40290	9480	
6-8	10804	556			
8-10					
10-12					

NH_4^+ -BEPALING ppb

STAALNR	DATUM	conc (0-4)	DIEPTE	NH_4^+	BW
10500	21.06.79	2757	-	-	37
11150	"	670	4-8	728	298
12510	"	1747	4-8	1893	447
11860	"	31304	4-8	33488	1490
12300	"	4950	4-8	11284	1378
10061	"	1751	4-8	888	224
11672	"	18928	4-8	21112	2980
12830	"	4150	4-8	4441	4768
11880	"	13104	4-8	29120	-
11312	"	34944	4-8	34216	-
10791	"	2970	4-8	20384	298
11331	"	25626	4-8	50960	-
10080	"	1252	4-8	1092	298
11121	"	1565	4-8	1602	410
DIEPTE	11315	12501	11851	10481	
BW	760	410	596	2608	
0-2	24752	1092	291	2839	
2-4	39312	1383	510	2475	
4-6			874	5169	
6-8	39458		612		
8-10			2839		
10-12			10192		
12-14			11648		

SI-BEPALING $\mu\text{g/l}$

STAALNR	DATUM	CONC 0-4	DIEPTE	CONC	BOVEN WATER
10500	25.04.79	-	-	-	-
11150	"	171	4-8	394	17
12510	"	855	4-8	589	294
11860	"	3215	4-8	4774	830
12300	"	1094	4-8	664	100
10061	"	-	-	-	-
11672	"	718	4-8	1152	291
12830	"	623	4-8	581	68
11880	"	906	4-8	1154	183
11312	"	718	4-8	1607	855
10791	"	-	4-8	4026	314
11331	"	821	4-8	1515	188
10080	"	208	-	-	33
11121	"	432	4-8	883	249

DIEPTE	11315	12501	11851	10481
BW	91	17	-	-
0-2	654	458	(0-4) 3810	752
2-4	863	581	"	1081
4-6	623	506	2295	923
6-8	1300	923	1539	
8-10				

STAALNR	DATUM	CONC (0-4)	DIEPTE	CONC	BOVEN WATER
10500	19.06.79	623	-	-	62
11150	"	283	4-8	500	79
12510	"	1209	4-8	830	471
11860	"	3628	4-8	6320	178
12300	"	790	-	-	284
10061	"	332	4-8	792	259
11672	"	869	4-8	822	533
12830	"	2568	4-8	-	145
11880	"	822	4-8	1694	-
11312	"	1601	4-8	1580	-
10791	"	1126	4-8	2252	138
11331	"	1426	4-8	5330	-
10080	"	466	4-8	672	20
11121	"	540	4-8	917	83

DIEPTE	11315	12501	11851	10481
BW	308	88	62	395
0-2	2615	1146	517	672
2-4	3743	395	688	2338
4-6			1460	
6-8	3560		646	
8-10			1376	
10-12			2090	
12-14			3128	