

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

VELDWERK: De nutriëntenanalyse wordt uitsluitend uitgevoerd
op bodemmateriaal dat met behulp van een bodemgrijper
(Reineck) in boxcores verzameld wordt. De bemonsterde opper-
vlakte bedraagt 170 cm², zodra de grijper bovenkomt worden
subsamples met behulp van plexiglas cores (∅ : 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 zand-
fracties worden in een funnel gebracht en het interstitieel
water wordt er uitgeperst met industrieel stikstof. De slib-
fracties worden gecentrifugeerd en nadien gefiltreerd. Op het
interstitieel water worden dan de nutriënten 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	-			

NH₄⁺-N

ppb

STAALNR	DATUM	CONC 0-4	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 6556 2-4 2765 4-6 6187 ⁶ 6-8 2628	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 4023 4-8 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	"	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

NH₄⁺

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	g	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	ppbNO 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

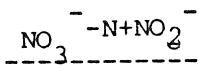
STAALNR	DATUM	ppbNO ₃ +NO	NO ₃	BW NO ₃ +NO ₂	BW
WS11	26.01.78	3198		3150	
WS12	"	—		—	
WS13	"	1556		—	
WS14	"	—		2225	
BASF1	"	—		2310	
BASF2	"	3042		—	
BASF3	"	—		3900	
BASF4	"	267		437	
BASF5	"	997		826	
WS11	05.05.78	—		602	
WS12	"	1395		1086	
WS13	"	—		—	
WS14	"	—		672	
BASF1	"	—		—	
BASF2	"	—		—	
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	0-4	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 0-4	DIEPTE	CONC	BW
WS56	26.06.79	590	4-8	379	-
WS57	"	672	4-8	1209	165

PO₄[≡] -P ug/l

STAALNR	DATUM	CONC 0-4	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	-

PO₄³⁻ -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
		0-2	2-4			
WS21	26.06.79	1075	657	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 3694 2-4 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	4-8	1094	719
WS42	"	0-2 747 2-4 789 4-8	8-12 394 12-16 498	—	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	2597	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	0.8977	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	"	2611	20.54	1.10474	0.8832	0.080	
10080 C	"						
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) (1en2)	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 = $\frac{M}{V}$)

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 NO ₃ ⁻ +NO ₂ ⁻	DIEPTE	conc NO ₃ +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		DIEPTE	μg/l	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		+NO ₂ ⁻			
		0-4 ppb			
STAALNR	DATUM	NO ₃ ⁻ +NO ₂ ⁻	DIEPTE	NO ₃ ⁻ +NO ₂ ⁻ ppb	BOVEN WATER
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	—

NH₄⁺ -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

NH₄⁺-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

NH₄⁺-BEPALING (µg/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	-

NH₄⁺-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					

NH₄⁺-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	