

Bilaga 2

Rådatatabell sötvatten

Vattendrag
Delområde 1- Vätterns östgötastrand
Vd01 Tåkern utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	3.4	13.5	102	8.2	42	2.9	67	1400	2300	5.7	24	0.151	4.3	17
2009-02-20	1.2	11.3	80	8.0	50	3.4	74	1300	2800	<5	25	0.154	2.7	18
2009-03-17	2.8	14.7	109	8.3	43	2.8	27	970	1600	<5	33	0.108	4.2	15
2009-04-16	8.6	10.4	89	8.3	35	2.5	89	51	780	<5	51	0.089	2.7	13
2009-05-19	14.8	9.9	98	8.7	27	1.7	29	16	670	<5	45	0.072	3.9	14
2009-06-12	15.3	8.4	84	8.4	22	1.3	<10	13	700	<5	43	0.101	8.6	17
2009-07-10	20.7	11.5	128	8.3	22	1.2	21	27	680	8	29	0.074	2.8	15
2009-08-19	15.6	6.9	69	8.1	29	1.8	120	55	740	<5	37	0.062	4.2	16
2009-09-21	14.6	12.1	119	9.1	28	1.8	34	18	830	6	37	0.068	4.0	16
2009-10-21	4.4	9.8	76	8.3	37	2.3	390	130	1100	<5	41	0.051	5.6	13
2009-11-19	6.0	9.4	76	8.2	39	2.6	490	290	1200	14	51	0.056	2.5	13
2009-12-14	0.6	10.2	71	8.2	42	3.0	420	910	2300	<5	47	0.059	3.7	12
Min 2009	0.6	6.9	69	8.0	22	1.2	<10	13	670	<5	24	0.051	2.5	12
Medel 2009	9.0	10.7	92	8.3	35	2.3	147	432	1308	4	39	0.087	4.1	15
Median 2009	7.3	10.3	87	8.3	36	2.4	71	93	965	<5	39	0.073	4.0	15
Max 2009	20.7	14.7	128	9.1	50	3.4	490	1400	2800	14	51	0.154	8.6	18
Medel 2008	8.9	11	94	8.3	35	2.2	57	525	1673	5.5	50	0.077	10.4	17
Medel 2007	9	10.3	91	8.3	36	2.5	95	939	2075	5.1	42	0.102	12.9	15
Medel 2006	10	7.6	73.7	8.3	40	2.6	507	487	2108	6.1	41	0.066	4.0	15

Vd04 Mjölnaån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	1.4	13.6	98	8.2	42	3.0	88	1500	3800	7.4	13.6	0.148	5.9	16
2009-02-20	-0.1	12.4	85	8.2	50	3.5	67	1400	3200	10	31	0.144	3.0	18
2009-03-17	4.0	12.7	97	8.2	54	3.6	27	3800	5100	8	45	0.091	13	12
2009-04-16	8.9	10.1	87	8.2	37	2.5	130	160	930	<5	58	0.088	2.8	13
2009-05-19	14.5	10.3	101	8.5	28	1.8	<10	41	720	5	52	0.073	4.1	15
2009-06-12	15	7.8	77	8.1	23	1.3	14	43	720	<5	39	0.087	3.6	16
2009-07-10	19.8	8.5	93	8.2	23	1.1	33	130	890	18	52	0.075	4.7	15
2009-08-19	15	8.1	80	8.0	31	1.9	54	210	750	12	58	0.059	2.3	16
2009-09-10	13.6	12.2	117	8.6	33	2.2	<10	240	860	11	24	0.062	2.9	15
2009-10-21	4.9	10.5	82	8.2	43	2.7	370	490	1300	6	34	0.049	4.8	12
2009-11-19	6.3	10	81	8.2	68	5.1	88	6800	7500	80	130	0.052	30	8.5
2009-12-14	1.6	11.7	84	8.2	59	4.3	260	3800	4700	17	45	0.039	5.8	8.6
Min 2009	-0.1	7.8	77	8.0	23	1.1	<10	41	720	<5	13.6	0.039	2.3	8.5
Medel 2009	8.7	10.7	90	8.3	41	2.8	95	1551	2539	15	48	0.081	6.908	14
Median 2009	7.6	10.4	86	8.2	40	2.6	61	365	1115	9	45	0.074	4.4	15
Max 2009	19.8	13.6	117	8.6	68	5.1	370	6800	7500	80	130	0.148	30	18

Ny lokal

Öd01 Disevidån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	-0.1	13.6	93	8.1	32	1.9	53	860	1300	18	20	0.270	3.0	18
2009-02-20	0.0	12.3	84	8.0	37	2.1	48	1100	1400	12	22	0.255	2.6	18
2009-03-17	2.8	12.8	95	8.1	39	2.5	23	3000	4000	36	130	0.134	7.2	13
2009-04-16	7.9	11.4	96	8.0	22	1.5	<10	400	740	<5	19	0.234	2.5	16
2009-05-19	13.8	9.9	96	8.1	30	1.9	34	370	920	7	34	0.173	8.3	15
2009-06-12	14.7	8.3	82	8.1	32	2.0	61	330	840	11	38	0.157	18	16
2009-07-10	18.7	9.1	98	8.0	40	1.8	54	2500	4700	50	110	0.187	30	16
2009-08-19	14.9	7.9	78	8.2	34	2.5	20	420	900	14	23	0.269	6.2	21
2009-09-21	12.4	10.4	97	8.2	44	3.3	17	390	830	11	23	0.145	6.7	16
2009-10-21	4.6	11.4	88	8.3	36	2.5	<10	570	940	8	18	0.203	3.4	15
2009-11-19	5.7	10.9	87	8.2	41	3.0	<10	2800	3600	70	200	0.146	93	17
2009-12-14	1.0	12.8	90	8.2	34	2.5	20	1600	2200	13	30	0.199	2.7	16
Min 2009	-0.1	7.9	78	8.0	22	1.5	<10	330	740	<5	18	0.134	2.5	13
Medel 2009	8.0	10.9	90	8.3	35	2.3	29	1195	1864	21	56	0.198	20.7	16
Median 2009	6.8	11.15	92	8.1	35	2.3	22	715	1120	12.5	26.5	0.193	6.5	16
Max 2009	18.7	13.6	98	8.3	44	3.3	61	3000	4700	70	200	0.270	93	21
Medel 2008	8.4	9.8	90	8.3	31	2	20	1057	1975	19	50	0.236	13.72	18
Medel 2007	8.6	-	-	8.3	31	2	31	1301	2158	19	35	0.249	7.2	19
Medel 2006	8.9	-	-	8.3	40	2	40	1657	2450	22	53	0.177	13.1	17

Delområde 2- Övre västra Svartån

6 Svartån, nedströms Anneberg

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.0	13.2	93	7.4	11	0.48	420	290	1300	-	23	0.185	1.6	13
2009-04-07	3.0	12.6	94	7.4	9.6	0.31	140	260	910	-	23	0.185	1.5	13
2009-06-05	12.2	8.9	83	7.5	13	0.59	1000	99	1500	-	32	0.145	2.2	11
2009-08-17	16.7	8.0	82	7.5	17	0.69	1900	310	2900	-	22	0.097	0.92	11
2009-10-23	6.2	10.3	83	7.6	15	0.55	970	100	1800	-	31	0.125	1.2	9.9
2009-12-14	4.8	11.7	91	7.6	11	0.51	390	270	1100	-	20	0.17	1.1	13
Min 2009	0.0	8	82	7.4	9.6	0.31	140	99	910	-	20	0.097	0.92	9.9
Medel 2009	7.2	10.8	88	7.5	13	0.52	803	222	1585	-	25	0.151	1.4	11.8
Median 2009	5.5	11.0	87	7.5	12	0.53	695	265	1400	-	23	0.158	1.4	12
Max 2009	16.7	13.2	94	7.6	17	0.69	1900	310	2900	-	32	0.185	2.2	13
Medel 2008	9.4	10.9	96		12	0.45	426	231	1283	-	29	0.198	2.4	13.2
Medel 2007	8.4	10.7	94		12	0.42	-	250	1567	-	27	0.183	2.0	12.8
Medel 2006	10.0	11.3	94		14	0.51	-	378	1850	-	29	0.176	2.0	13.0

16 Svartåns utlopp i Ralången

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.3	10.4	73	7.5	12	0.60	190	540	1900	-	21	0.283	2.3	16
2009-04-07	4.4	11.7	90	7.6	11	0.39	92	400	1100	-	27	0.225	3.2	14
2009-06-05	13.1	8.1	77	7.6	13	0.61	220	200	780	-	30	0.159	4.5	11
2009-08-17	16.9	8.2	85	7.6	13	0.62	23	170	600	-	30	0.106	2.7	11
2009-10-23	5.8	10.6	85	7.7	13	0.59	51	120	520	-	22	0.123	1.8	11
2009-12-14	1.2	12.2	86	7.7	11	0.55	130	300	850	-	25	0.184	2.5	13
Min 2009	0.3	8.1	73	7.5	11	0.39	23	120	520	-	21	0.106	1.8	11
Medel 2009	7.0	10.2	83	7.6	12	0.56	118	288	958	-	26	0.180	2.8	12.7
Median 2009	5.1	10.5	85	7.6	12.5	0.595	111	250	815	-	26	0.172	2.6	12
Max 2009	16.9	12.2	90	7.7	13	0.62	220	540	1900	-	30	0.283	4.5	16
Medel 2008	10.2	9.8	87		15	0.72	227	563	1283	-	29	0.198	3.1	13.0
Medel 2007	9.3	9.9	87		13	0.50	-	790	1500	-	35	0.250	3.9	15.5
Medel 2006	9.0	10.0	86.0		18	0.77	-	1190	1617	-	28	0.166	4.6	13.0

22 Svartån nedströms Frinnaryd

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.8	8.9	63	7.6	15	0.76	69	470	1100	-	19	0.24	1.6	15
2009-04-07	5.3	9.3	73	7.8	18	0.88	22	310	860	-	24	0.113	3.7	12
2009-06-05	14.6	8.5	84	7.8	15	0.80	<10	<10	440	-	37	0.093	7.4	11
2009-08-17	16.6	8.0	82	7.9	18	1.00	<10	<10	510	-	39	0.072	4.6	12
2009-10-23	5.8	9.4	75	7.8	17	0.92	<10	22	1000	-	67	0.115	20	11
2009-12-14	1.1	11.5	81	7.9	14	0.72	73	270	760	-	24	0.116	2.0	11
Min 2009	0.8	8.0	63	7.6	14	0.72	<10	<10	440	-	19	0.072	1.6	11
Medel 2009	7.4	9.3	76	7.8	16	0.85	30	180	778	-	35	0.125	6.6	12
Median 2009	5.6	9.1	78	7.8	16	0.84	<16	146	810	-	31	0.114	4.2	12
Max 2009	16.6	11.5	84	7.9	18	1.00	73	470	1100	-	67	0.240	20	15
Medel 2008	10.2	9.7	84		15	0.84	32.67	329	1097	-	37.0	0.154	7.9	13
Medel 2007	9.0	10.3	91		15	0.77	-	426	1165	-	30.3	0.197	4.4	15
Medel 2006	10.4	9.8	85		17	0.89	-	366	1117	-	32.0	0.138	4.2	14

24 Svartån nedströms Gripenberg

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.3	10.1	71	7.6	16	0.84	96	470	1200	-	20	0.231	2.5	15
2009-04-07	6.1	10.8	87	7.8	17	0.86	47	360	950	-	30	0.142	4.7	12
2009-06-05	14.4	9.1	89	7.8	17	0.86	52	42	550	-	44	0.096	7.5	11
2009-08-17	16	7.9	80	7.9	18	1.10	64	54	520	-	27	0.074	3.3	11
2009-10-23	5.8	9.5	76	7.9	19	1.00	61	64	480	-	21	0.076	2.1	9
2009-12-14	1.5	11.7	84	7.9	15	0.78	87	290	780	-	26	0.118	2.2	11
Min 2009	0.3	7.9	71	7.6	15	0.78	47	42	480	-	20	0.074	2.1	9
Medel 2009	7.4	9.9	81	7.8	17	0.91	68	213	747	-	28	0.123	3.7	11.5
Median 2009	6.0	9.8	82	7.9	17	0.86	62.5	177	665	-	27	0.107	2.9	11
Max 2009	16	11.7	89	7.9	19	1.1	96	470	1200	-	44	0.231	7.5	15
Medel 2008	10.0	9.6	83		17	0.90	104	387	1192	-	40	0.166	7.3	14.5
Medel 2007	8.7	10.0	82		16	0.78	-	412	1182	-	32	0.209	5.6	15
Medel 2006	10.1	9.0	77		18	0.93	-	389	1107	-	29	0.126	4.1	13

28 Svartån nedströms Säbysjön

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.8	9.9	70	7.7	17	0.87	47	470	1100	-	18	0.222	2.4	15
2009-04-07	5.7	11.1	89	7.8	16	0.72	48	410	1000	-	29	0.152	4.2	12
2009-06-05	13.7	9.8	95	7.9	16	0.88	<10	<10	490	-	65	0.095	13	11
2009-08-17	16.9	7.6	79	7.9	20	1.10	<10	<10	670	-	350	0.07	11	12
2009-10-23	5.8	10.2	82	8.0	20	1.00	16	<10	450	-	32	0.065	3.3	9
2009-12-14	1.6	11.4	82	7.9	16	0.85	54	290	760	-	23	0.106	2.2	11
Min 2009	0.8	7.6	70	7.7	16	0.72	<10	<10	450	-	18	0.065	2.2	9
Medel 2009	7.4	10.0	83	7.9	18	0.90	29.16	198	745	-	86	0.118	6.0	11.7
Median 2009	5.8	10.1	82	7.9	16.5	0.88	31.5	<150	715	-	31	0.101	3.8	12
Max 2009	16.9	11.4	95	8.0	20	1.10	54	470	1100	-	350	0.222	13	15
Medel 2008	10.1	10.1	89		17	0.89	34	345	1217	-	51	0.154	12.93	14
Medel 2007	9.1	10.5	88		16	0.80	-	410	1228	-	34	0.195	6.1	16
Medel 2006	10.6	9.1	80		18	0.89	-	447	1185	-	37	0.127	9.4	13

30 Tranås ARV

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.2	11.7	80	7.7	17	0.80	170	500	1000	11	19	0.234	2.2	15
2009-02-16	0.2	10.9	76	7.7	17	0.89	170	520	1100	<5	17	0.222	2.1	15
2009-03-17	2.5	12.4	91	7.8	21	0.99	520	1200	1900	13	40	0.193	4.9	14
2009-05-07	6.2	11.6	94	7.9	17	0.80	210	440	1200	<5	38	0.152	6.0	12
2009-05-19	13.4	7.9	76	7.7	17	0.86	170	200	1100	<5	48	0.096	7.0	11
2009-06-05	15.3	8.0	80	7.8	18	0.92	420	170	1000	<5	37	0.091	6.4	11
2009-07-10	18.8	5.6	60	7.8	20	1.1	870	320	1900	10	36	0.100	3.8	12
2009-08-17	16.8	8.1	84	7.7	21	1.1	390	590	1800	8	60	0.068	2.3	12
2009-09-09	16.6	7.0	72	7.9	23	1.2	710	720	2800	5	33	0.074	2.1	11
2009-10-23	6.9	9.0	74	7.9	17	0.79	130	190	1100	<5	37	0.054	1.6	8.4
2009-11-19	4.8	9.7	76	7.8	20	1.0	370	490	950	9	21	0.073	2.6	9.3
2009-12-14	0.6	12.2	85	7.9	17	0.89	160	420	970	9	21	0.105	2.0	15
Min 2009	0.2	5.6	60	7.7	17	0.79	130	170	950	<5	17	0.054	1.6	8.4
Medel 2009	8.5	9.5	79		19	0.95	358	480	1402	6.5	34	0.122	3.6	12
Median 2009	6.55	9.35	78	7.8	18	0.905	290	465	1100	6.5	36.5	0.098	2.5	12
Max 2009	18.8	12.4	94	7.9	23	1.2	870	1200	2800	13	60	0.234	7.0	15
Medel 2008	9.8	10.6	94		17	0.84	191	412	1233	3.9	31	0.145	4.8	13.1
Medel 2007	9.1	10.7	91		16	0.79	147	503	1313	-	29.5	0.179	5.0	15
Medel 2006	10.0	10.4	93		18	0.87	158	458	1306	-	28	0.116	4.8	12

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21	620	76	1.6	4.8	130	0.01	0.28	0.23	0.65	0.17
2009-02-16	740	160	1.0	2.4	120	0.012	0.17	0.22	0.78	0.18
2009-03-17	790	220	1.2	3.5	140	<0.01	0.20	0.23	0.60	0.23
2009-05-07	570	150	1.1	1.8	180	<0.01	0.65	0.31	0.71	0.17
2009-05-19	260	68	1.0	2.2	44	<0.01	0.28	0.15	0.68	0.12
2009-06-05	210	190	1.1	2.7	26	<0.01	0.30	0.16	0.53	0.14
2009-07-10	130	240	1.3	4.5	23	<0.01	0.63	0.16	0.71	0.18
2009-08-17	230	230	1.6	5.7	55	0.011	0.51	0.42	0.99	0.27
2009-09-09	160	230	1.1	3.7	19	<0.01	0.49	0.15	0.83	0.15
2009-10-23	80	35	0.75	1.5	13	<0.01	0.095	0.11	0.41	0.068
2009-11-19	310	90	2.0	4.6	37	<0.01	0.18	0.11	0.73	0.13
2009-12-14	310	68	1.0	1.1	36	<0.01	0.12	0.10	0.61	0.11
Min 2009	80	35	0.75	1.1	13	<0.01	0.10	0.1	0.41	0.068
Medel 2009	368	146	1.2	4.6	69	0.007	0.33	0.20	0.686	0.16
Median 2009	285	155	1.1	3.6	41	<0.01	0.28	0.16	0.70	0.16
Max 2009	790	240	2.0	18	180	0.012	0.65	0.42	0.99	0.27
Medel 2008	-	-	1.1	2.1	72	0.01	0.26	0.23	0.84	0.11
Medel 2007	-	-	1.3	2.8	85	0.01	0.24	0.21	0.98	0.11
Medel 2006	-	-	1.6	3.8	68	0.01	0.30	0.92	0.85	0.13

306 Nedströms Sjöaluckyesjö

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.0	9.4	66	7.0	8.5	0.48	520	150	920	-	12	0.534	7.0	22
2009-04-07	3.2	10.2	76	6.9	4.4	0.13	170	100	650	-	14	0.377	3.2	19
2009-06-05	7.9	7.2	61	7.3	9.9	0.65	580	100	1000	-	17	0.601	14	20
2009-08-17	14	7.4	72	7.2	12	0.87	730	70	1100	-	12	0.804	12	21
2009-10-23	5.7	9.7	77	7.3	7.4	0.37	460	120	1300	-	18	0.431	8.5	19
2009-12-14	1.2	10.6	75	7.1	6.1	0.26	260	260	900	-	14	0.367	4.9	20
Min 2009	0.0	7.2	61	6.9	4.4	0.13	170	70	650	-	12	0.367	3.2	19
Medel 2009	5.3	9.1	71	7.1	8.1	0.46	453	133	978	-	15	0.519	8.3	20.2
Median 2009	4.5	9.6	73.5	7.2	7.95	0.43	490	110	960	-	14	0.483	7.8	20
Max 2009	14	10.6	77	7.3	12	0.87	730	260	1300	-	18	0.804	14	22
Medel 2008	9.0	9.3	81		6.9	0.33	345	132	1038	-	18.5	0.509	8.4	23
Medel 2007	7.3	9.5	81		6.8	0.30	-	149	1080	-	18.5	0.542	13	24
Medel 2006	8.7	9.8	85		7.6	0.35	-	303	1120	-	34	0.432	9.5	22

602 Noån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	-0.1	12	82	8.0	20	1.3	14	200	570	-	11	0.068	1.0	10
2009-04-07	4.4	12.7	98	8.1	18	1.0	12	150	620	-	13	0.103	1.5	11
2009-06-05	12.7	9.6	91	8.0	20	1.2	<10	75	370	-	14	0.064	1.4	10
2009-08-17	16.1	8.8	89	8.0	16	1.4	13	60	360	-	10	0.049	0.76	9.5
2009-10-23	6	10.5	84	8.1	23	1.4	<10	200	500	-	9	0.071	0.63	8.8
2009-12-14	1.3	12.6	89	8.1	20	1.2	11	290	660	-	21	0.078	0.8	11
Min 2009	-0.1	8.8	82	8.0	16	1.0	<10	60	360	-	9	0.049	0.63	8.8
Medel 2009	6.7	11.0	89	8.1	20	1.25	10	163	513	-	13	0.072	1.0	10.1
Median 2009	5.2	11.3	89	8.1	20	1.25	11.5	175	535	-	12	0.070	0.90	10
Max 2009	16.1	12.7	98	8.1	23	1.4	14	290	660	-	21	0.103	1.5	11
Medel 2008	11.5	10.6	97		19	1.2	14	250	715	-	15	0.104	1.8	11.3
Medel 2007	8.3	11.4	98		19	1.2	-	207	758.3	-	16	0.091	2.1	13.8
Medel 2006	9.7	11.0	95		21	1.3	-	170	637	-	12	0.085	1.0	10

616 Lillån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	-0.1	11.5	80	7.7	14	0.79	36	420	800	-	15	0.175	2.3	12
2009-04-07	2.1	13.7	99	7.6	9.8	0.42	54	350	980	-	28	0.341	3.2	18
2009-06-05	8.2	10.6	90	7.9	14	0.79	<10	360	660	-	15	0.113	2.3	9.8
2009-08-17	17.7	8.6	90	7.9	24	1.7	<10	1200	1200	-	9	0.055	1.1	7
2009-10-23	5.8	10.6	85	7.9	18	0.91	<10	370	1300	-	11	0.176	0.66	13
2009-12-14	1.3	12.9	92	7.8	12	0.60	19	420	920	-	19	0.278	1.2	19
Min 2009	-0.1	8.6	80	7.6	9.8	0.42	<10	350	660	-	9	0.055	0.66	7
Medel 2009	5.8	11.3	89	7.8	15	0.87	20.7	520	977	-	16	0.190	1.8	13.1
Median 2009	4.0	11.1	90	7.9	14	0.79	<14.5	395	950	-	15	0.176	1.75	13
Max 2009	17.7	13.7	99	7.9	24	1.7	54	1200	1300	-	28	0.341	3.2	19
Medel 2008	8.4	11.3	97		12	0.64	13	412	1117	-	23	0.313	3.3	18
Medel 2007	6.8	11.6	98		11	0.66	17	355	1033	-	17	0.253	2.6	15
Medel 2006	8.0	11.2	95		15	0.9	15	460	1083	-	14	0.213	2.8	17

702 Rällån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.1	12.1	84	7.6	15	0.58	150	500	1100	-	16	0.198	2.5	15
2009-04-07	5.6	12.2	97	7.6	12	0.40	67	390	1000	-	17	0.143	1.7	12
2009-06-05	10.3	11	98	7.7	15	0.63	47	340	840	-	27	0.113	4.9	12
2009-08-17	13.7	7.1	68	7.8	20	1.7	<10	16	350	-	9	0.172	1.1	11
2009-10-23	5.9	10.7	86	7.8	20	0.80	170	490	1100	-	14	0.084	1.6	10
2009-12-14	1.1	12.8	90	7.8	14	0.61	69	350	890	-	15	0.114	1.2	12
Min 2009	0.1	7.1	68	7.6	12	0.40	<10	16	350	-	9	0.084	1.1	10
Medel 2009	6.1	11.0	87	7.7	16	0.79	84.6	348	880	-	16	0.137	2.2	12
Median 2009	5.8	11.6	88	7.8	15	0.62	68	370	945	-	16	0.129	1.65	12
Max 2009	13.7	12.8	98	7.8	20	1.7	170	500	1100	-	27	0.198	4.9	15
Medel 2008	8.6	11.2	97		15	0.60	32	515	1202	-	25	0.147	5.5	14
Medel 2007	7.4	11.4	96		14	0.51	-	572	1433	-	16	0.181	4.5	14
Medel 2006	7.8	11.4	97		19	0.73	-	968	1617	-	17	0.114	3.1	12

902 Lillån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-16	0.3	9.0	63	7.8	24	1.4	420	890	1300	-	13	0.133	1.8	11
2009-04-07	4.5	11.7	90	7.8	17	0.76	69	400	940	-	16	0.159	2.2	12
2009-06-05	10.8	7.3	66	7.6	25	1.5	110	500	950	-	46	0.107	5.3	13
2009-08-17	15.9	4.6	47	7.6	24	1.6	78	410	700	-	31	0.057	2.7	8.3
2009-10-23	6.5	7.4	60	7.8	30	1.6	130	630	1100	-	30	0.149	3.9	10
2009-12-14	1.2	11.4	81	7.9	21	1.1	450	550	1400	-	22	0.174	2.0	14
Min 2009	0.3	4.6	47	7.6	17	0.76	69	400	700	-	13	0.057	1.8	8.3
Medel 2009	6.5	8.6	68	7.8	24	1.33	210	563	1065	-	26	0.130	3.0	11
Median 2009	5.5	8.2	64.5	7.8	24	1.45	120	525	1025	-	26	0.141	2.5	12
Max 2009	15.9	11.7	90	7.9	30	1.6	450	890	1400	-	46	0.174	5.3	14
Medel 2008	9.4	8.9	77		22	1.31	133	533	1062		22	0.151	3.1	12
Medel 2007	7.9	8.9	71		21	1.23	152	627	1250		19	0.160	2.7	12
Medel 2006	9.2	6.2	51		26	1.40	275	612	1332		30	0.121	3.7	10

Delområde 3- Övre östra Svartån
Bo02 Sommens utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	1.7	12.2	92	7.7	14	0.62	10	300	800	14	15	0.084	0.67	9.7
2009-02-16	1.5	10.4	75	7.7	14	0.68	11	350	690	<5	14	0.097	0.73	11
2009-03-17	2.2	13	95	7.8	14	0.58	<10	210	620	<5	11	0.067	0.67	8.8
2009-04-07	5.7	12.3	98	7.9	15	0.55	<10	210	670	<5	11	0.069	0.72	9.5
2009-05-19	12.3	10.8	101	7.9	14	0.63	36	68	440	<5	14	0.062	1.5	9.3
2009-06-05	14	8.2	80	7.7	14	0.63	19	78	410	<5	14	0.062	1.7	9.7
2009-04-10	18.9	8.4	91	7.9	14	0.62	30	47	400	<5	15	0.058	0.74	9.6
2009-08-17	19	8.1	87	7.9	14	0.63	<10	<10	300	<5	16	0.043	1.2	9.3
2009-09-21	14.2	10.4	101	7.8	14	0.63	<10	<10	360	<5	10	0.043	0.64	8.8
2009-10-23	6.7	10.6	87	7.9	14	0.65	<10	<10	310	<5	16	0.045	<0.10	7.9
2009-11-19	4.7	11.1	86	7.9	13	0.63	<10	93	280	<5	24	0.046	0.74	8.0
2009-12-14	2.7	11.2	83	7.9	13	0.65	<10	180	520	9	16	0.044	0.41	8.1
Min 2009	1.5	8.1	75	7.7	13	0.55	<10	<10	280	<5	10	0.043	<0.10	7.9
Medel 2009	8.6	10.6	90		14	0.6	12	129	483.3	4	15	0.060	0.814	9.1
Median 2009	6.2	10.7	89	7.9	14	0.63	<10	86	425	<5	14.5	0.060	0.73	9.3
Max 2009	19	13	101	7.9	15	0.68	36	350	800	14	24	0.097	1.7	11
Medel 2008	9.4	10.3	99		14	0.65	12	191	645	6	14	0.067	1.2	9.6
Medel 2007	8.9				14	0.62	14	277	770	4	14.08	0.076	1.7	9.9
Medel 2006	11.0				14	0.65	13	109	528	4	11	0.050	1.1	8.2

Bo04 Svartån Hultestad

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	1.3	12.4	89	7.7	14	0.69	21	300	720	12	15	0.098	0.85	10
2009-02-16	0.3	11.3	78	7.8	15	0.73	11	350	730	<5	15	0.108	1.6	11
2009-03-17	2.2	12.8	93	7.8	15	0.71	31	300	760	7	28	0.101	5.8	10
2009-04-07	6.2	12.1	98	7.9	15	0.64	11	210	690	<5	13	0.101	1.7	11
2009-05-19	13.1	8.7	83	7.8	15	0.68	36	110	480	<5	16	0.079	1.5	10
2009-06-05	15.3	8.9	89	7.8	15	0.73	38	87	460	<5	17	0.070	1.7	10
2009-07-10	18.6	6.9	74	7.8	15	0.72	39	94	850	10	21	0.075	1.2	10
2009-08-17	17.9	7.7	81	7.9	15	0.72	13	27	320	<5	36	0.045	0.69	9
2009-09-21	12.8	11.2	106	7.8	15	0.74	<10	55	370	<5	9	0.048	0.79	8.6
2009-10-23	6.1	10.7	86	7.9	16	0.8	18	74	400	<5	10	0.063	0.68	8.8
2009-11-19	4.8	10.9	85	7.8	16	0.85	26	390	620	9	29	0.100	4.8	11
2009-12-14	2.0	12.3	89	7.9	14	0.72	23	250	620	7	15	0.078	0.77	10
Min 2009	0.3	6.9	74	7.7	14	0.64	<10	27	320	<5	9	0.045	0.68	8.6
Medel 2009	8.4	10.5	88		15	0.7	23	187	585	5	19	0.081	1.8	10
Median 2009	6.2	11.1	88	7.8	15	0.72	22	160	620	<5	15.5	0.079	1.4	10
Max 2009	18.6	12.8	106	7.9	16	0.85	39	390	850	12	36	0.108	5.8	11
Medel 2008	9.5	9.5	89		15	0.74	22	240	769	7	17.5	0.117	2.2	12
Medel 2007	8.2				15	0.69	19	290	792	3	13.3	0.095	1.7	11
Medel 2006	10.0				15	0.72	20	246	743	5	14.6	0.080	1.6	10

Delområde 4- Nedre Svartån

Li13 Svartån Svartåfors

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.1	13.1	90	7.9	18	0.96	37	490	940	16	19	0.100	1.4	11
2009-02-20	-0.1	12.5	86	7.8	17	0.92	66	470	900	<5	18	0.117	1.8	11
2009-03-17	2.5	12.2	90	8.0	27	1.5	66	1700	2500	46	100	0.100	61	10
2009-04-16	9.5	10.1	88	7.9	18	0.97	22	390	600	<5	18	0.112	2.0	11
2009-05-11	12.6	8.6	81	8.1	22	1.2	14	300	740	<5	29	0.082	3.7	11
2009-06-12	15.2	8.8	88	7.9	21	1.1	120	210	800	23	56	0.081	3.7	11
2009-07-10	20.5	9.3	103	8.0	21	1.1	37	390	910	32	61	0.087	2.9	11
2009-08-19	18.4	6.7	71	8.1	28	1.7	12	860	1000	37	50	0.083	8.5	10
2009-09-21	13.8	10.3	100	8.1	32	1.9	<10	440	750	8	20	0.056	1.4	8.6
2009-10-21	5.2	10.5	83	8.0	34	2.0	15	850	1100	17	26	0.064	3.3	8.1
2009-11-19	5.7	9.6	77	8.2	38	2.5	30	2300	2600	40	71	0.085	19	9.7
2009-12-14	1.5	11.2	80	8.1	29	1.9	33	1800	2400	25	44	0.095	5.5	9.9
Min 2009	-0.1	6.7	71	7.8	17	0.92	<10	210	600	<5	18	0.056	1.4	8.1
Medel 2009	8.7	10.2	86	8.0	25	1.5	38	850	1270	21	43	0.089	9.5	10
Median 2009	7.6	10.2	87	8.0	25	1.35	31.5	480	925	20	36.5	0.086	3.5	10.5
Max 2009	20.5	13.1	103	8.2	38	2.5	120	2300	2600	46	100	0.117	61	11
Medel 2008	9.0	10.0	93		22	1.3	23	783	1325	14	32	0.112	6.3	12
Medel 2007	9.3				21	1.1	23	807	1385	19	37	0.129	6.6	13
Medel 2006	9.7				21	1.1	29	804	1309	20	40	0.092	6.3	10

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-20	230	30	1.1	1.8	64	<0.010	0.22	0.21	0.52	0.11
2009-03-17										
2009-04-16	240	27	2.1	4.4	180	0.014	4.6	0.31	0.65	0.24
2009-05-11										
2009-06-12	69	32	1.2	1.9	24	<0.010	0.22	0.12	0.46	0.084
2009-07-10										
2009-08-19	300	30	1.8	2.3	310	<0.010	0.28	0.38	0.72	0.18
2009-09-21										
2009-10-21	88	11	1.1	1.6	66	<0.010	0.12	0.12	0.35	0.10
2009-11-19										
2009-12-14	280	11	1.3	1.5	110	<0.010	0.26	0.24	0.72	0.13
Min 2009	69	11	1.1	1.5	24	<0.010	0.12	0.12	0.35	0.084
Medel 2009	201	24	1.4	2.3	126	0.007	0.95	0.23	0.57	0.14
Median 2009	235	29	1.3	1.9	88	<0.010	0.24	0.23	0.59	0.12
Max 2009	300	32	2.1	4	310	0.014	4.6	0.38	0.72	0.24
Medel 2008	159.7	22	1.1	1.7	70	0.003	0.23	0.19	0.71	0.06
Medel 2007	184.8	25	1.3	2.1	78	0.006	0.27	0.16	0.74	0.06
Medel 2006	224	29	1.4	3.8	135	0.024	0.23	0.55	0.73	0.08

Li14 Lillån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.1	12.6	87	8.1	33	2.2	110	970	2700	42	44	0.204	4.6	16
2009-02-20	-0.1	11.8	81	7.9	29	2.0	54	920	1300	31	40	0.245	4.6	18
2009-03-17	2.2	12.2	89	7.9	28	1.7	150	3000	3800	95	260	0.139	110	14
2009-04-16	9.6	10.9	96	8.0	25	1.7	10	480	860	16	51	0.22	7.6	16
2009-05-11	11.5	9.0	83	8.2	37	2.4	<10	1200	1600	16	56	0.145	7.3	14
2009-06-12	13.2	9.6	92	8.1	38	2.6	40	320	760	41	56	0.140	3.6	15
2009-07-10	18.8	8.8	95	7.9	28	1.7	36	1000	2200	130	180	0.255	16	18
2009-08-19	18.9	6.6	71	8.0	41	2.8	31	830	1200	120	110	0.167	13	16
2009-09-21	12.4	8.7	82	8.0	47	3.4	<10	460	840	53	52	0.106	4.2	13
2009-10-21	5	9.7	76	8.1	43	3.0	12	880	1300	51	66	0.146	12	13
2009-11-19	5.9	9.0	72	8.2	41	2.9	<10	3300	3700	96	190	0.145	80	16
2009-12-14	1.4	11.8	84	8.2	36	2.6	25	1600	2400	46	76	0.163	11	15
Min 2009	-0.1	6.6	71	7.9	25	1.7	<10	320	760	16	40	0.106	3.6	13
Medel 2009	8.2	10.1	84	8.1	36	2.4	40	1247	1888	61	98	0.173	22.8	15
Median 2009	7.8	9.7	84	8.1	37	2.5	28	945	1450	49	61	0.155	9.3	15.5
Max 2009	18.9	12.6	96	8.2	47	3.4	150	3300	3800	130	260	0.255	110	18
Medel 2008	8.1	8.9	80		34	2.4	25	957	1726	48	78	0.185	12.99	16
Medel 2007	8.4				29	2.0	23	1091	1817	55	83	0.245	17.93	19
Medel 2006	8.7				33	2.1	38	1137	1943	52	79	0.177	11.06	16

Li17 Kapellån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-20	-0.1	11.9	81	7.9	27	1.8	52	800	1300	27	39	0.244	4.8	19
2009-04-16	9.7	10.3	91	8.1	27	1.8	19	830	1000	16	54	0.212	9.1	16
2009-06-12	13.2	9.2	88	8.1	39	2.6	71	790	1200	55	73	0.125	5.5	13
2009-08-19	18.8	5.9	63	8	41	2.9	45	900	1300	87	140	0.176	14	17
2009-10-21	5	9.3	73	8.1	44	3.1	<10	1100	2400	59	82	0.15	18	13
2009-12-14	1.4	11.9	85	8.2	38	2.8	35	1800	2600	54	87	0.143	13	14
Min 2009	-0.1	5.9	63	7.9	27	1.8	<10	790	1000	16	39	0.125	4.8	13
Medel 2009	8.0	9.8	80	8.1	36	2.5	38	1037	1633	50	79	0.175	10.7	15.3
Median 2009	7.4	9.8	83	8.1	38.5	2.7	40	865	1300	55	78	0.163	11.1	15
Max 2009	18.8	11.9	91	8.2	44	3.1	71	1800	2600	87	140	0.244	18	19
Medel 2008	9.3	9.1	78		37	2.6	36	1268	2083	58	102	0.174	14	14
Medel 2007	8.5	10.2	82		31	2.1	29	1140	1917	61	83	0.230	14	18
Medel 2006	8.1	8.7	72		34	2.1	62	1612	2483	63	91	0.180	10.02	17

Mö01 Svartån Albacken

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	1.3	12.7	92	7.8	15	0.72	30	330	710	14	15	0.098	1.0	10
2009-02-20	0.3	12.5	86	7.7	15	0.71	45	380	760	<5	20	0.121	1.8	11
2009-03-17	2.2	12.8	93	7.8	17	0.80	86	390	880	9	36	0.101	11	10
2009-04-16	7.9	11.3	95	7.8	14	0.68	29	180	460	<5	16	0.099	1.2	10
2009-05-19	13	8.9	85	7.8	16	0.82	41	170	530	<5	23	0.080	1.5	9.8
2009-06-12	13.6	8.5	82	7.9	16	0.80	56	170	540	6	21	0.068	2.1	10
2009-07-10	18.6	6.95	74	7.8	16	0.82	60	16	550	21	28	0.070	1.3	9.9
2009-08-19	17.7	7.4	78	7.9	18	0.89	20	120	340	<5	13	0.049	1.0	9.4
2009-09-21	13.4	9.1	87	7.8	17	0.85	<10	210	510	<5	11	0.047	0.75	8.6
2009-10-21	5.2	10.8	85	8.0	19	0.95	23	180	480	<5	10	0.060	1.0	8.6
2009-11-19	4.8	10.7	83	8.0	18	1.00	65	380	640	9	27	0.083	3.6	11
2009-12-14	2.3	11.7	85	7.9	15	0.84	24	370	770	8	20	0.081	0.84	9.6
Min 2009	0.3	6.95	74	7.7	14	0.68	<10	16	340	<5	10	0.047	0.75	8.6
Medel 2009	8.4	10.3	85		16	0.82	40	241	597.5	7	20	0.080	2.3	10
Median 2009	6.6	10.8	85	7.8	16	0.82	35.5	195	545	<6	20	0.081	1.3	9.95
Max 2009	18.6	12.8	95	8.0	19	1.00	86	390	880	21	36	0.121	11	11
Medel 2008	9.3	9.3	88		16	0.84	27	284	847	9	23	0.110	2.4	12.0
Medel 2007	8.9	-	-		15	0.74	24	406	850	6	16	0.106	1.9	11.0
Medel 2006	10.1	-	-		16	0.78	26	334	909	8	19	0.074	1.7	9.9

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-20	220	35	1	1.4	49	<0.01	0.19	0.17	0.59	0.091
2009-03-17										
2009-04-16	140	17	1.4	2	59	<0.01	0.21	0.2	0.65	0.12
2009-05-19										
2009-06-12	72	24	2.2	4.5	21	<0.01	0.21	0.17	0.74	0.091
2009-07-10										
2009-08-19	70	25	1.5	4.7	15	<0.01	0.12	0.11	0.58	0.11
2009-09-21										
2009-10-21	62	16	0.86	2.6	18	<0.01	0.05	0.1	0.35	0.057
2009-11-19										
2009-12-14	79	11	0.91	0.71	27	<0.01	0.052	0.11	0.55	0.057
Min 2009	62	11	0.9	0.7	15	<0.01	0.05	0.1	0.35	0.057
Medel 2009	107	21	1.3	2.7	32	0.005	0.14	0.14	0.577	0.09
Median 2009	76	21	1.2	2.3	24	<0.01	0.16	0.14	0.59	0.09
Max 2009	220	35	2.2	5	59	<0.01	0.21	0.2	0.74	0.12

Ej provtagen för metaller tidigare

Mö02 Skenaån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	-0.1	12	82	8.2	78	4.9	68	2800	3400	30	32	0.031	3.4	4.6
2009-02-20	0.0	12	82	8.2	71	4.3	53	1900	2700	17	23	0.046	1.8	6.3
2009-03-17	2.6	12.5	92	8.2	52	3.3	37	4600	5700	51	180	0.057	94	7.1
2009-04-16	9.2	12.3	107	8.3	67	4.4	16	3000	3800	<5	32	0.062	2.9	6.9
2009-05-19	11.2	7.9	72	8.2	65	4.1	50	850	2100	10	34	0.045	3.3	6.1
2009-06-12	12.9	8.1	77	8.3	55	3.3	43	400	760	10	54	0.052	5.3	6.8
2009-07-10	17.9	7.9	76	8.2	66	3.6	230	5600	8700	94	120	0.118	7.4	11
2009-08-19	15.7	7.1	76	8.3	73	5.3	46	2100	3500	84	90	0.056	4.3	6.6
2009-09-21	11	9.7	88	8.2	74	5.2	53	1600	2300	44	40	0.032	3.9	5.0
2009-10-21	4.6	9.7	75	8.4	77	5.1	12	3600	5100	30	30	0.038	2.9	5.2
2009-11-19	5.8	10.4	83	8.3	70	4.9	<10	6900	7900	45	120	0.049	23	7.7
2009-12-14	0.9	11.8	83	8.3	75	5.2	35	260	9000	38	55	0.038	6.1	6.0
Min 2009	-0.1	7.1	72	8.2	52	3.3	<10	260	760	<5	23	0.031	1.8	4.6
Medel 2009	7.6	10.1	83		69	4.5	54	2801	4580	38	68	0.052	13.2	6.6
Median 2009	7.5	10.1	82	8.3	71	4.65	44.5	2450	3650	34	47	0.048	4.1	6.45
Max 2009	17.9	12.5	107	8.4	78	5.3	230	6900	9000	94	180	0.118	94	11
Medel 2008	8.3	9.5	88		62	4.3	29	4429	5076	36	63	0.057	9.7	8.1
Medel 2007	8.7				60	4.1	29	3857	4392	29	51	0.070	10.1	7.9
Medel 2006	9.3				47	2.8	29	3116	3679	27	53	0.106	5.1	7.8

Delområde 5- Stångån

Ki02 Kisasjön utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	1.1	10.9	77	7.6	13	0.57	22	230	550	<5	9	0.092	0.81	10
2009-04-15	7.3	11.2	93	7.7	15	0.61	<10	230	560	<5	23	0.08	2.4	9.7
2009-06-04	14.8	7.2	71	7.8	14	0.65	21	15	350	<5	22	0.076	1.7	11
2009-08-20	17.4	6.4	67	7.6	14	0.65	42	26	280	6	20	0.055	0.75	10
2009-10-19	6.6	9.6	78	7.8	16	0.72	28	97	390	<5	19	0.057	0.93	8.4
2009-12-18	0.9	-	-	7.8	15	0.69	69	220	650	10	22	0.056	1.9	8.2
Min 2009	0.9	6.4	67	7.6	13	0.57	<10	15	280	<5	9	0.055	0.75	8.2
Medel 2009	8.0	9.1	77	7.7	15	0.65	31	136	463	4	19	0.069	1.4	9.6
Median 2009	7.0	9.6	77	7.8	14.5	0.65	25	158.5	470	<5	21	0.067	1.3	9.9
Max 2009	17.4	11.2	93	7.8	16	0.72	69	230	650	10	23	0.092	2.4	11
Medel 2008	9.4	9.45	88		14	0.66	40	143	663	5	16	0.073	1.9	10.0
Medel 2007	9.8				13	0.59	68	226	792	6	18	0.095	1.9	10.8
Medel 2006	9.9				14	0.67	74	150	688	6	24	0.067	2.3	9.2

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-24	120	25	1.00	1.8	32	<0.01	0.064	0.095	0.7	0.064
2009-04-15	150	62	1.40	2.9	35	<0.01	0.71	0.094	0.58	0.074
2009-06-04	60	34	0.79	1.2	20	<0.01	0.098	0.072	0.22	0.057
2009-08-20	46	20	1.10	3.4	13	<0.01	0.082	0.052	0.45	0.054
2009-10-19	77	17	0.72	1.9	16	<0.01	0.099	<0.050	0.39	0.049
2009-12-18	98	20	0.68	1.2	24	<0.01	0.085	<0.050	0.29	0.051
Min 2009	46	17	0.68	1.2	13	<0.01	0.064	<0.050	0.22	0.049
Medel 2009	92	30	0.95	2.1	23	0.005	0.19	0.060	0.438	0.058
Median 2009	88	23	0.90	1.9	22	<0.01	0.092	0.062	0.42	0.056
Max 2009	150	62	1.4	3.4	35	<0.01	0.71	0.095	0.7	0.074

Ej provtagen för metaller tidigare

Li03 Ärlången utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	0.9	11.7	82	7.8	13	0.57	<10	170	500	-	11	0.058	1.3	9.4
2009-04-15	7.8	12.8	108	7.8	14	0.64	<10	110	450	-	17	0.063	2.2	9.5
2009-06-04	13.2	7.5	72	7.8	13	0.65	30	26	330	-	17	0.059	1.6	10
2009-08-20	20.8	6.5	73	7.8	13	0.57	11	16	310	-	21	0.054	2.5	9.9
2009-10-19	7.7	9.8	82	7.9	14	0.67	<10	<10	320	-	28	0.051	1.4	8.9
2009-12-17	2.7	10.8	80	7.9	18	0.87	<10	130	420	-	20	0.055	4.3	8.7
Min 2009	0.9	6.5	72	7.8	13	0.57	<10	<10	310	-	11	0.051	1.3	8.7
Medel 2009	8.9	9.9	83		14	0.66	10	76	388	-	19	0.057	2.2	9.4
Median 2009	7.8	10.3	81	7.8	13.5	0.65	<10	68	375	-	19	0.057	1.9	9.5
Max 2009	20.8	12.8	108	7.9	18	0.87	30	170	500	-	28	0.063	4.3	10
Medel 2008	9.3	9.58	91		13	0.66	7	77	571.7	4.3	18	0.061	2.6	9.5
Medel 2007	10.4				13	0.62	16	118	633.3	4.0	16	0.075	3.0	9.6
Medel 2006	10.4				13	0.64	10	129	615	6.0	20	0.063	2.7	8.8

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-24	69	8.3	0.96	0.94	61	<0.01	0.045	0.093	0.62	0.051
2009-04-15	84	13	1.2	1.0	45	<0.01	0.16	0.095	0.60	0.057
2009-06-04	44	33	0.99	1.2	37	<0.01	0.17	0.083	0.42	0.057
2009-08-20	46	43	1.1	1.7	19	<0.01	0.067	0.063	0.58	0.062
2009-10-19	32	10	2.1	1.5	33	<0.01	0.19	0.066	0.41	0.045
2009-12-17	72	14	0.96	1.1	59	<0.01	0.10	0.091	0.40	0.050
Min 2009	32	8.3	0.96	0.94	19	<0.01	0.045	0.063	0.4	0.045
Medel 2009	58	20	1.22	3.5	42	0.005	0.122	0.08	0.505	0.054
Median 2009	58	14	1.05	1.2	41	<0.01	0.13	0.087	0.5	0.054
Max 2009	84	43	2.1	1.5	61	<0.01	0.19	0.10	0.62	0.062
Medel 2008	68.33	12	1.4	2.4	75	0.002	0.10	0.12	1.11	0.03
Medel 2007	82.33	19	1.2	1.2	88	0.002	0.30	0.11	0.72	0.04
Medel 2006	80	27	0.9	1.7	69	0.010	0.07	0.56	0.61	0.04

Li05 Stångån Nykvarn

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.7	13.2	92	7.7	14	0.65	27	170	490	7.5	12	0.059	1.9	9.5
2009-02-20	0.4	11.8	82	7.7	14	0.74	64	180	580	8	15	0.063	2.1	9.9
2009-03-18	2.6	13.3	98	6.0	15	0.23	21	240	750	9	34	0.074	11	10
2009-04-16	8.3	12.0	102	7.8	14	0.58	19	100	380	<5	19	0.063	1.8	9.5
2009-05-11	12.2	9.7	90	7.9	14	0.67	<10	13	470	<5	30	0.063	4.5	9.7
2009-06-12	14.6	6.3	62	7.8	17	0.83	100	200	600	<5	80	0.051	13	8.8
2009-07-13	18.7	7.0	75	7.8	15	0.75	11	67	520	8	35	0.083	6.1	11
2009-08-19	18.5	7.7	82	7.9	18	0.94	32	160	480	5	30	0.068	6.2	10
2009-09-21	17	10.0	105	7.9	17	0.83	120	85	560	12	23	0.055	2.2	10
2009-10-21	7.5	8.5	71	7.9	28	1.4	1000	760	2400	17	40	0.065	3.8	8.5
2009-11-19	5.6	10.5	84	8.1	20	1.2	19	310	1100	28	68	0.073	17	10
2009-12-14	2.7	10.8	80	7.9	15	0.85	28	170	180	17	33	0.059	3.3	9.2
Min 2009	0.4	6.3	62	6.0	14	0.23	<10	13	180	<5	12	0.051	1.8	8.5
Medel 2009	9.1	10.1	85		17	0.81	120.5	205	709.2	10	35	0.065	6.1	9.7
Median 2009	7.9	10.3	83	7.9	15	0.79	27.5	170	540	8	31.5	0.063	4.2	9.8
Max 2009	18.7	13.3	105	8.1	28	1.4	1000	760	2400	28	80	0.083	17	11
Medel 2008	10.1	10.48	92		15	0.77	44.8	204	709	11	31	0.107	8.9	10.1
Medel 2007	9.9	10.8	94		14	0.68	15.3	136	623	8	22	0.072	4.7	9.9
Medel 2006	10.4	10.80	78		16	0.78	24.4	221	765	12	30	0.070	4.6	9.5

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-20	120	16	1.1	1.4	150	<0.01	0.089	0.14	0.55	0.078
2009-03-18										
2009-04-16	71	18	1.5	2	60	<0.01	0.29	0.12	0.59	0.067
2009-05-11										
2009-06-12	150	21	4.4	24	170	0.02	0.95	0.43	0.82	0.18
2009-07-13										
2009-08-19	200	47	2.3	5.3	230	<0.01	0.39	0.25	0.78	0.12
2009-09-21										
2009-10-21	170	14	2.5	83	130	0.15	0.41	0.17	0.92	0.37
2009-11-19										
2009-12-14	140	12	1.5	1.9	77	<0.01	0.15	0.12	0.64	0.069
Min 2009	71	12	1.1	1.4	60	<0.01	0.09	0.12	0.55	0.067
Medel 2009	142	21	2.2	19.6	136	0.032	0.38	0.21	0.717	0.15
Median 2009	145	17	1.9	3.7	140	<0.01	0.34	0.16	0.71	0.10
Max 2009	200	47	4.4	83	230	0.15	0.95	0.43	0.92	0.37
Medel 2008	82.87	11	1.6	5.0	96	0.002	0.19	0.13	0.69	0.03
Medel 2007	107	27	1.5	1.8	113	0.003	0.27	0.12	0.71	0.13
Medel 2006	161	24	1.8	2.5	281	0.012	0.22	0.41	0.70	0.08

Li20 Järnlunden uti

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	1.6	11.2	80	7.8	13	0.52	<10	220	520	-	11	0.065	0.93	9.4
2009-04-15	8.2	12.5	106	7.8	13	0.55	<10	140	560	-	23	0.065	2.0	9.3
2009-06-04	13.3	7.2	69	7.8	12	0.58	30	13	410	-	14	0.06	1.4	9.8
2009-08-20	16.9	7.5	78	7.8	13	0.55	14	16	300	-	17	0.05	1.7	13
2009-10-19	7.2	7.2	60	7.9	13	0.6	<10	<10	290	-	14	0.046	1.2	8.5
2009-12-17	1.3	11.2	80	7.9	13	0.66	<10	100	380	-	12	0.048	0.86	8.3
Min 2009	1.3	7.2	60	7.8	12	0.52	<10	<10	290	-	11	0.046	0.86	8.3
Medel 2009	8.1	9.5	79		13	0.58	11	83	410	-	15	0.056	1.3	9.7
Median 2009	7.7	9.4	79	7.8	13	0.57	<10	58	395	-	14	0.055	1.3	9.4
Max 2009	16.9	12.5	106	7.9	13	0.66	30	220	560	-	23	0.065	2.0	13
Medel 2008	9.2	10.2	96		13	0.59	6	85	593	3.2	14	0.056	1.9	9.4
Medel 2007	9.8				12	0.55	16	110	595	1.3	12	0.072	1.8	9.7
Medel 2006	9.6				13	0.58	8	76	555	1.2	13	0.055	1.7	9.0

Lå01 Kisaån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	1.1	12.1	85	7.7	13	0.53	14	240	540	-	8	0.103	0.97	11
2009-04-15	6.8	11.1	91	7.7	13	0.55	<10	180	470	-	10	0.093	1.8	9.9
2009-06-04	13.5	7.3	70	7.7	12	0.58	11	65	380	-	10	0.080	1.3	10
2009-08-20	15.7	5.9	59	7.5	14	0.61	56	28	310	-	21	0.050	1.8	3.8
2009-10-19	6.4	6.9	56	7.6	17	0.77	<10	12	350	-	13	0.059	2.0	9.5
2009-12-18	0.7	-	-	7.6	13	0.63	41	140	450	-	13	0.055	1.1	8.2
Min 2009	0.7	5.9	56	7.5	12	0.53	<10	12	310	-	8	0.05	0.97	3.8
Medel 2009	7.4	8.7	72		14	0.61	22	111	417	-	13	0.073	1.5	8.7
Median 2009	6.6	7.3	70	7.7	13	0.60	12.5	102.5	415	-	12	0.070	1.6	9.7
Max 2009	15.7	12.1	91	7.7	17	0.77	56	240	540	-	21	0.103	2	11
Medel 2008	9.5	10.0	86		13	0.60	31	134	630	2.8	12	0.079	1.5	10.1
Medel 2007	9.8	10.1	87		12	0.54	16	213	733	1.0	8	0.105	1.5	9.6
Medel 2006	9.5	9.6	82		13	0.58	15	170	773	1.2	8	0.076	1.2	9.4

MS01 Stångån, Storebro

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	0.0	11.5	79	7.5	9.0	0.27	22	180	440	-	6	0.095	0.69	8.7
2009-04-15	10.3	10.6	95	7.3	6.8	0.20	<10	87	330	-	10	0.125	1.3	8.4
2009-06-04	16.4	7.6	78	7.5	7.1	0.28	<10	<10	210	-	10	0.080	1.1	8.1
2009-08-20	18.6	6.5	70	7.4	7.0	0.28	16	19	210	-	11	0.076	1.8	10
2009-10-19	5.7	9.9	79	7.5	7.7	0.32	<10	14	190	-	8	0.055	0.89	5.6
2009-12-18	0.8	12	84	7.3	6.7	0.22	15	160	420	-	12	0.117	1.3	7.8
Min 2009	0.0	6.5	70	7.3	6.7	0.20	<10	<10	190	-	6	0.055	0.69	5.6
Medel 2009	8.6	9.7	81	7.4	7.4	0.26	11	78	300	-	10	0.091	1.2	8.1
Median 2009	8.0	10.3	79	7.5	7.1	0.28	<13	53	270	-	10	0.088	1.2	8.3
Max 2009	18.6	12	95	7.5	9.0	0.32	22	180	440	-	12	0.125	1.8	10
Medel 2008	9.9	10.4	92		8.2	0.30	34	116	610	-	16	0.128	3.5	10.0
Medel 2007	10.0	10.3	91		7.3	0.24	71	135	612	-	9	0.160	1.7	10.0
Medel 2006	9.7	9.6	83		7.4	0.25	15	124	506.7	-	9	0.130	1.8	8.1

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-24	280	20	0.56	3.1	53	<0.010	0.086	0.091	0.3	0.059
2009-04-15	460	33	0.54	2.1	79	<0.010	0.65	<0.100	0.21	0.068
2009-06-04	180	19	0.33	0.99	23	<0.010	0.088	0.076	<0.2	0.036
2009-08-20	440	41	0.43	1.5	27	<0.010	0.13	0.072	<0.2	0.082
2009-10-19	260	16	0.29	1.9	12	<0.010	0.11	<0.050	<0.2	0.036
2009-12-18	440	22	0.33	2.2	74	<0.010	0.14	0.088	<0.2	0.051
Min 2009	180	16	0.29	0.99	12	<0.010	0.086	<0.050	<0.2	0.036
Medel 2009	343	25	0.41	2.0	45	0.005	0.201	0.075	0.2	0.055
Median 2009	360	21	0.38	2.0	40	<0.010	0.12	0.082	<0.2	0.055
Max 2009	460	41	0.56	3.1	79	<0.010	0.65	0.100	0.3	0.082
Medel 2008	620	39	0.6	1.7	68	0.004	0.24	0.12	0.37	0.070
Medel 2007	680	65	0.9	2.4	86	0.005	0.27	0.12	0.51	0.080
Medel 2006	512	54	0.6	2.8	71	0.010	0.15	0.59	0.25	0.060

MS04 Stångån, Vimmerby

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	0.1	11	76	7.2	11	0.36	280	580	1100	<5	11	0.144	1.9	9.7
2009-04-15	9.9	10.1	89	7.4	9.4	0.3	180	300	640	<5	15	0.134	2.8	8.9
2009-06-04	14.4	7.3	71	7.8	15	0.75	920	270	1500	<5	22	0.101	2.1	8.3
2009-08-20	16.9	6.4	66	7.5	17	0.67	94	1500	2000	<5	13	0.081	1.4	8.5
2009-10-19	4.8	10.2	95	7.5	13	0.48	16	1100	1100	<5	11	0.064	1.5	6.1
2009-12-18	0.9	12	84	7.4	10	0.36	42	1100	1100	<5	14	0.125	2.3	8.1

Min 2009	0.1	6.4	66	7.2	9.4	0.30	16	270	640	<5	11	0.064	1.4	6.1
Medel 2009	7.8	9.5	80	7.5	13	0.49	255	808	1240	2.5	14	0.108	2.0	8.3
Median 2009	7.4	10.2	80	7.5	12	0.42	137	840	1100	<5	14	0.113	2.0	8.4
Max 2009	16.9	12	95	7.8	17	0.75	920	1500	2000	<5	22	0.144	2.8	9.7

Medel 2008	9.5	9.9	86		13	0.49	403	578	1415	2.5	17	0.139	3.1	10.2
Medel 2007	10.2	9.5	83		11	0.42	380	315	1200	-	19	0.196	3.7	13.2
Medel 2006	9.5	9.0	76		13	0.50	668	430	1510	-	15	0.118	3.0	9.0

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-24	730	64	0.66	3.5	110	0.015	0.17	0.19	0.50	0.23
2009-04-15	640	47	1.1	3.0	120	<0.010	0.43	0.16	0.49	0.18
2009-06-04	420	42	0.65	2.4	34	<0.010	0.10	0.14	0.27	0.12
2009-08-20	630	20	0.71	2.6	33	<0.010	0.12	0.14	0.30	0.079
2009-10-19	440	22	0.39	2.7	25	<0.010	0.091	0.095	<0.20	0.076
2009-12-18	530	31	0.8	2.7	88	<0.010	0.15	0.13	0.41	0.10

Min 2009	420	20	0.39	2.4	25	<0.010	0.091	0.095	<0.20	0.076
Medel 2009	565	38	0.72	2.8	68	0.007	0.18	0.14	0.345	0.13
Median 2009	580	37	0.69	2.7	61	<0.010	0.14	0.14	0.355	0.11
Max 2009	730	64	1.1	3.5	120	0.015	0.43	0.19	0.50	0.23

Medel 2008	831.7	69	0.7	3.0	98	0.008	0.21	0.16	0.58	0.20
Medel 2007	1323	107	1.2	4.4	177	0.013	0.53	0.21	0.78	0.27
Medel 2006	685	68	0.6	4.7	89	0.011	0.17	0.97	0.70	0.16

MS07 Stångån, Vervelån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.5	11.5	80	7.2	10	0.33	61	520	890	6.6	10	0.214	2.0	12
2009-02-24	0.6	10.1	70	7.2	12	0.41	200	530	1000	<5	13	0.190	2.9	11
2009-03-17	2.9	10.3	76	7.4	13	0.43	250	520	1300	5	27	0.192	5.4	11
2009-04-15	10.6	9.7	87	7.4	10	0.34	15	350	1000	<5	39	0.139	11	10
2009-05-19	12.5	8.6	81	7.4	9.8	0.35	13	19	590	<5	84	0.125	15	9.4
2009-06-04	14	7.3	71	7.6	11	0.41	<10	10	590	<5	66	0.119	12	10
2009-07-09	19.9	5.85	64	7.5	12	0.50	48	35	740	<5	88	0.135	28	12
2009-08-20	16	6.6	67	7.6	13	0.55	57	30	810	<5	79	0.105	18	14
2009-09-09	16	5.2	53	7.7	14	0.66	180	63	500	<5	32	0.126	4.6	12
2009-10-19	4.5	10.4	80	7.7	14	0.64	150	150	700	<5	24	0.084	3.6	9.7
2009-11-20	6.5	9.6	78	7.7	13	0.58	180	510	860	<5	30	0.110	5.0	9.4
2009-12-18	0.6	-	-	7.6	11	0.48	190	410	870	<5	18	0.109	3.0	8.4

Min 2009	0.5	5.2	53	7.2	10	0.33	<10	10	500	<5	10	0.084	2.0	8.4
Medel 2009	8.7	8.7	73		12	0.47	112	262	820.8	3.1	43	0.137	9.2	10.7
Median 2009	8.6	9.6	76	7.6	12	0.46	106	250	835	<5	31	0.126	5.2	10.5
Max 2009	19.9	11.5	87	7.7	14	0.66	250	530	1300	6.6	88	0.214	28	14

Medel 2008	9.8	9.7	85		11	0.40	98	243	947	4.6	32.7	0.163	7.5	12.2
Medel 2007	9.7	9.3	81		10	0.36	123	242	1162	6.3	36.7	0.230	10.0	14.6
Medel 2006	9.8	8.3	72		12	0.47	216	231	1067	4.4	33.8	0.140	9.4	11.7

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-24	1300	200	0.67	2.9	110	0.010	0.16	0.19	0.5	0.28
2009-03-17										
2009-04-15	760	120	1.7	3.4	68	<0.010	0.42	0.18	0.51	0.14
2009-05-19										
2009-06-04	630	100	0.66	1.2	43	<0.010	0.21	0.12	0.23	0.13
2009-07-09										
2009-08-20	800	110	0.78	3.5	120	<0.010	0.49	0.21	0.41	0.25
2009-09-09										
2009-10-19	410	35	1.9	30	28	<0.010	0.43	0.11	0.29	0.083
2009-11-20										
2009-12-18	430	29	0.65	1.4	46	<0.010	0.12	0.14	0.21	0.066

Min 2009	410	29	0.7	1.2	28	<0.010	0.12	0.11	0.21	0.066
Medel 2009	722	99	1.1	7.1	69	0.006	0.31	0.16	0.358	0.16
Median 2009	695	105	0.7	3.2	57	<0.010	0.32	0.16	0.35	0.14
Max 2009	1300	200	1.9	30	120	0.010	0.49	0.21	0.51	0.28

Medel 2008	864.2	79	0.8	1.9	89	0.005	0.31	0.17	0.56	0.13
Medel 2007	1492	141	1.4	2.9	128	0.009	0.48	0.26	0.74	0.19
Medel 2006	1204	145	0.8	4.1	93	0.034	0.29	0.32	0.36	0.16

MS21 Vervelån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	0.1	12.7	87	7.5	8.2	0.29	27	180	400	<5	6	0.115	0.87	8.3
2009-04-14	8.6	11.0	94	7.4	7.1	0.22	16	120	370	<5	7	0.162	1.3	9.8
2009-06-04	14.3	8.9	87	7.6	8.0	0.35	59	44	330	<5	7	0.123	0.89	9.0
2009-08-20	15.9	8.5	86	7.6	8.6	0.39	39	41	300	<5	13	0.173	2.2	7.3
2009-10-19	5.6	10.6	84	7.6	9.3	0.41	13	150	330	<5	7	0.110	1.3	6.6
2009-12-18	0.9	14.0	98	7.3	7.0	0.24	41	210	460	<5	7	0.182	1.4	10
Min 2009	0.1	8.5	84	7.3	7.0	0.22	13	41	300	<5	6	0.110	0.87	6.6
Medel 2009	7.6	11.0	89	7.5	8.0	0.32	33	124	365	2.5	8	0.144	1.3	8.5
Median 2009	7.1	10.8	87	7.6	8.1	0.32	33	135	350	<5	7	0.143	1.3	8.7
Max 2009	15.9	14	98	7.6	9.3	0.41	59	210	460	<5	13	0.182	2.2	10
Medel 2008	9.1	11.2	97		8.1	0.32	11	125	493	2.0	7	0.148	1.65	9.5
Medel 2007	9.6	11.1	97		7.8	0.29	140	122	715		9	0.211	2.287	11.9
Medel 2006	10.7	11.2	96		8.5	0.33	41	174	617		8	0.144	1.833	9.6
	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)				
2009-02-24	430	33	1.8	2.6	70	<0.010	0.078	0.099	0.23	0.087				
2009-04-14	560	30	2.0	4.6	120	<0.010	0.25	0.16	0.27	0.11				
2009-06-04	410	25	1.7	2.1	47	<0.010	0.13	0.10	<0.20	0.057				
2009-08-20	1300	110	2.2	5.4	90	<0.010	0.18	0.13	0.28	0.16				
2009-10-19	650	15	1.9	5.0	36	<0.010	0.15	0.078	<0.20	0.06				
2009-12-18	580	29	1.3	4.2	140	<0.010	0.091	0.15	<0.20	0.077				
Min 2009	410	15	1.3	2.1	36	<0.010	0.078	0.078	<0.20	0.057				
Medel 2009	655	40	1.82	4.0	84	0.005	0.15	0.12	0.18	0.092				
Median 2009	570	30	1.85	4.4	80	<0.010	0.14	0.115	<0.22	0.082				
Max 2009	1300	110	2.2	5.4	140	<0.010	0.25	0.16	0.28	0.16				
Medel 2008	613.3	32	1.6	3.5	95	0.006	0.13	0.12	0.30	58.50				
Medel 2007	943.3	53	2.4	3.8	131	0.007	0.19	0.13	0.51	31.50				
Medel 2006	612	51	1.9	4.6	106	0.024	0.16	0.58	0.22	20.67				

Delområde 6- Finspångsån
Fi04 Hällestadån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.2	11.4	78	7.0	9.5	0.29	24	290	750	5.9	19	0.320	4.4	18
2009-02-18	-0.1	11.0	75	7.0	9.2	0.31	62	250	890	<5	21	0.301	4.4	18
2009-03-18	1.4	10.7	76	5.8	10	0.1	68	440	1100	11	39	0.270	12	16
2009-04-01	7.5	9.9	83	7.1	7.8	0.25	10	420	860	<5	30	0.294	7.2	16
2009-05-11	12	7.8	72	7.3	8.0	0.29	17	120	620	<5	38	0.282	7.8	17
2009-06-03	15.5	6.6	66	7.5	8.8	0.33	31	39	500	<5	37	0.265	4.2	16
2009-07-13	18.3	6.3	60	7.4	10	0.4	12	76	610	7	35	0.235	4.8	16
2009-08-16	18.1	6.4	68	7.2	8.5	0.34	42	99	670	16	41	0.391	5.8	23
2009-09-21	14.9	8.8	87	7.3	9.3	0.36	31	230	810	18	33	0.385	5.4	21
2009-10-21	6.5	9.0	73	7.1	9.5	0.36	47	190	810	12	33	0.361	7.4	16
2009-11-19	4.6	10.2	79	7.4	9.8	0.39	27	470	880	21	62	0.361	21	21
2009-12-15	1.3	10.6	75	7.1	8.3	0.24	34	430	920	16	41	0.406	13	22
Min 2009	-0.1	6.3	60	5.8	7.8	0.1	10	39	500	<5	19	0.235	4.2	16
Medel 2009	8.4	9.1	74		9.1	0.31	34	255	785	10	36	0.323	8.1	18.3
Median 2009	7.0	9.5	75	7.2	9.3	0.32	31	240	810	9	36	0.311	6.5	17.5
Max 2009	18.3	11.4	87	7.5	10	0.4	68	470	1100	21	62	0.406	21	23
Medel 2008	9.1	8.7	82		9.8	0.33	22	339	999	9	32	0.270	10.3	16.9
Medel 2007	9.5				9.3	0.28	17	338	983	6	30	0.253	9.2	15.6
Medel 2006	9.6				9.4	0.31	25	296	1015	10	34	0.239	10.1	16.7

Fi05 Emmaån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-18	0.0	12.2	84	7.0	7.7	0.24	57	230	760	-	13	0.462	1.7	22
2009-04-15	9.0	11	95	7.0	5.6	0.15	<10	200	650	-	15	0.391	2.0	19
2009-06-03	17	7.8	81	7.4	7.4	0.22	32	140	590	-	21	0.295	2.7	18
2009-08-16	17.9	8.7	92	7.3	7.2	0.24	37	65	570	-	19	0.372	3.0	22
2009-10-21	5.7	11.9	95	7.3	7.9	0.25	21	120	550	-	16	0.351	2.9	17
2009-12-15	1.1	13.3	94	6.8	5.8	0.15	18	130	520	-	13	0.412	1.3	22
Min 2009	0	7.8	81	6.8	5.6	0.15	<10	65	520	-	13	0.295	1.3	17
Medel 2009	8.5	10.8	90		7	0.21	28	148	607	-	16	0.381	2.3	20
Median 2009	7.4	11.5	93	7.2	7.3	0.23	26.5	135	580	-	16	0.382	2.4	20.5
Max 2009	17.9	13.3	95	7.4	7.9	0.25	57	230	760	-	21	0.462	3	22
Medel 2008	9.6	10.2	96		7.6	0.22	25	129	802	2.7	15	0.303	2.3	18
Medel 2007	9.4				7.9	0.21	19	220	783	1.0	12	0.268	2.1	16
Medel 2006	9.4				8.1	0.24	26	143	817	1.5	15	0.264	2.9	16

Fi07 Doverns utlopp

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.4	12.4	86	7.0	8.8	0.24	100	420	900	12	20	0.397	4.7	20
2009-02-18	0.4	10.1	69	7.0	10	0.3	130	370	950	<5	22	0.361	3.6	20
2009-03-18	1.5	10.8	77	6.1	10	0.14	71	520	1000	9	26	0.336	6.6	19
2009-04-15	5.9	10.6	85	7.1	9.5	0.3	63	550	1000	8	34	0.291	7.5	16
2009-05-11	12.3	8.5	79	7.4	8.5	0.26	38	370	1100	<5	28	0.28	4.2	17
2009-06-03	16.1	8.5	86	7.5	9.7	0.31	42	280	790	<5	26	0.255	3.3	16
2009-07-13	19.1	7.2	78	7.5	10	0.34	25	220	790	<5	20	0.208	2.0	15
2009-08-16	19.3	7.6	83	7.3	9.2	0.34	36	220	780	8	29	0.352	2.9	22
2009-09-10	16.6	8.2	84	7.4	9.4	0.36	12	280	770	11	31	0.382	2.4	21
2009-10-21	6.8	10.3	84	7.5	10	0.36	12	380	820	11	28	0.361	3.9	16
2009-11-19	5.4	10.6	84	7.5	9.7	0.36	14	470	770	17	38	0.316	5.5	19
2009-12-15	1.8	11.9	86	7.3	8.3	0.29	39	490	970	16	43	0.429	15	23
Min 2009	0.4	7.2	69	6.1	8.3	0.14	12	220	770	<5	20	0.208	2	15
Medel 2009	8.8	9.7	82		9.4	0.30	49	381	886.7	8.5	29	0.331	5.1	18.7
Median 2009	6.4	10.2	84	7.4	9.6	0.31	38.5	375	860	8.5	28	0.344	4.1	19
Max 2009	19.3	12.4	86	7.5	10	0.36	130	550	1100	17	43	0.429	15	23
Medel 2008	9.5	9.9	94		10.9	0.36	49	521	1186	7.6	29	0.258	7.7	16.4
Medel 2007	9.9				10.6	0.31	23	571	1107	6.0	22	0.214	5.3	14.1
Medel 2006	10.1				12.0	0.40	102	349	1147	6.1	28	0.208	6.3	15.0

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-18	940	63	2.1	5.5	410	0.023	0.34	0.51	1.1	0.26
2009-03-18										
2009-04-15	880	130	2.5	5.4	280	0.015	0.35	0.45	1.2	0.36
2009-05-11										
2009-06-03	420	23	3.1	3	150	0.012	0.2	0.38	0.89	0.079
2009-07-13										
2009-08-16	940	97	4.1	4.1	280	0.017	0.37	0.6	1.3	0.16
2009-09-10										
2009-10-21	1200	150	4.1	6.9	220	0.018	0.48	0.49	1.3	0.16
2009-11-19										
2009-12-15	1200	33	2.4	5.1	320	0.031	0.54	0.55	1.3	0.19
Min 2009	420	23	2.1	3.0	150	0.012	0.20	0.38	0.89	0.079
Medel 2009	930	83	3.1	5.0	277	0.019	0.38	0.50	1.182	0.20
Median 2009	940	80	2.8	5.3	280	0.018	0.36	0.50	1.25	0.18
Max 2009	1200	150	4.1	7	410	0.031	0.54	0.6	1.3	0.36
Medel 2008	643.5	56	3.0	4.3	351	0.015	0.50	0.52	1.25	0.16
Medel 2007	558.3	38	3.1	3.5	318	0.012	0.33	0.51	1.06	0.13
Medel 2006	582	71	3.2	3.9	261	0.022	0.44	0.68	1.00	0.13

Hj02 Emmaån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-18	0.0	13.2	91	7.0	7.0	0.21	32	210	710	-	15	0.479	1.3	23
2009-04-15	8.0	10.3	87	7.0	5.8	0.17	<10	230	640	-	13	0.401	1.1	18
2009-06-03	16.5	6.3	65	7.3	6.7	0.22	37	150	590	-	16	0.342	1.6	19
2009-08-16	17.7	8.3	87	7.1	5.9	0.19	<10	15	480	-	14	0.343	1.5	21
2009-10-21	5.6	8.9	71	6.5	5.1	0.13	<10	35	510	-	13	0.448	2.2	21
2009-12-15	1.4	12.2	87	7.1	6.0	0.19	200	120	490	-	12	0.369	1.1	19
Min 2009	0.0	6.3	65	6.5	5.1	0.13	<10	15	480	-	12	0.342	1.1	18
Medel 2009	8.2	9.9	81		6.1	0.19	47	127	570	-	14	0.397	1.5	20.2
Median 2009	6.8	9.6	87	7.1	5.95	0.19	<21	135	550	-	14	0.385	1.4	20.0
Max 2009	17.7	13.2	91	7.3	7.0	0.22	200	230	710	-	16	0.479	2.2	23
Medel 2008	7.8	8.6	75		7.0	0.23	17.7	123	778	1.3	17	0.313	2.0	17.7
Medel 2007	9.3				6.6	0.17	15.5	202	735	1.0	8	0.286	1.7	15.8
Medel 2006	9.1				7.3	0.24	28.0	126	695	1.2	10	0.235	1.9	14.7

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-18	1100	77	1.2	6.0	270	0.02	0.55	0.43	0.74	0.26
2009-04-15	880	78	1.1	4.9	220	0.02	0.53	0.37	0.67	0.22
2009-06-03	730	58	0.97	4.3	130	<0.01	0.42	0.34	0.47	0.12
2009-08-16	1100	140	1.3	9.9	160	<0.01	0.43	0.36	0.53	0.24
2009-10-21	1600	94	0.67	8.2	240	0.015	0.51	0.43	0.56	0.22
2009-12-15	720	29	1.1	3.6	130	0.01	0.47	0.32	0.63	0.13
Min 2009	720	29	0.67	3.6	130	<0.01	0.42	0.320	0.47	0.12
Medel 2009	1022	79	1.06	6.2	192	0.013	0.485	0.38	0.6	0.20
Median 2009	990	78	1.10	5.5	190	<0.01	0.49	0.365	0.595	0.22
Max 2009	1600	140	1.3	9.9	270	0.022	0.55	0.43	0.74	0.26

Har ej provtagits för metaller tidigare

Mo08 Ommens utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-18	0.2	13.6	94	7.1	9.3	0.29	39	190	720	-	17	0.289	3.5	18
2009-04-15	9.1	9.7	84	7.2	8.4	0.29	<10	170	620	-	25	0.283	5.7	16
2009-06-03	17.4	6.8	71	7.5	9.4	0.34	33	14	520	-	43	0.266	5.8	17
2009-08-16	17.4	7.6	79	7.1	7.8	0.31	16	110	690	-	41	0.291	5.7	19
2009-10-21	5.7	10.8	86	7.2	9.1	0.3	14	87	550	-	23	0.306	4.8	15
2009-12-15	1.3	12.1	86	7.1	7.7	0.23	34	230	630	-	22	0.381	3.3	20
Min 2009	0.2	6.8	71	7.1	7.7	0.23	<10	14	520	-	17	0.266	3.3	15
Medel 2009	8.5	10.1	83		8.6	0.29	23.5	134	622	-	29	0.303	4.8	17.5
Median 2009	7.4	10.3	85	7.2	8.75	0.30	24.5	140	625	-	24	0.290	5.3	17.5
Max 2009	17.4	13.6	94	7.5	9.4	0.34	39	230	720	-	43	0.381	5.8	20
Medel 2008	9.4	8.8	82		9.9	0.33	26	226	863	5.8	30	0.239	7.2	15
Medel 2007	9.9				8.8	0.27	15	132	768	4.2	21	0.207	5.2	14
Medel 2006	10.3				10.1	0.34	31	157	804	7.6	27	0.176	5.4	14

Mo09 Hättorpsån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-18	-0.1	12.9	88	7.1	9.4	0.32	140	320	850	<5	18	0.3	4.9	16
2009-04-15	8.4	10.7	91	7.0	6.2	0.16	53	300	690	<5	17	0.298	3.6	14
2009-06-03	16.4	4.6	47	7.8	23	0.99	120	40	980	23	43	0.262	6.1	15
2009-08-16	16.8	8.3	86	7.1	8.6	0.31	11	490	970	9	36	0.447	8.9	26
2009-10-21	5.7	9.8	78	7.3	15	0.53	31	610	1000	11	25	0.441	7.1	19
2009-12-15	1.1	12.7	90	6.9	7.0	0.17	53	330	710	6	17	0.369	2.3	19
Min 2009	-0.1	4.6	47	6.9	6.2	0.16	11	40	690	<5	17	0.262	2.3	14
Medel 2009	8.1	9.8	80		12	0.41	68	348	867	9	26	0.353	5.5	18.2
Median 2009	7.1	10.3	87	7.1	9.0	0.32	53	325	910	7.5	22	0.335	5.5	17.5
Max 2009	16.8	12.9	91	7.8	23	0.99	140	610	1000	23	43	0.447	8.9	26
Medel 2008	9.3	8.7	81		14.1	0.50	35	552	1148	7.3	25	0.304	7.4	16.7
Medel 2007	9.2				12.8	0.39	49	498	1329	8.6	23	0.318	7.2	16.6
Medel 2006	9.6				19.7	0.68	72	1011	1826	12.1	36	0.217	15.0	14.4

Delområde 7- Ysundaån

Fi09 Ämlångens utlopp

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.3	12.4	87	6.9	7.7	0.21	37	250	710	-	17	0.439	2.3	22
2009-02-18	0.4	10	69	6.9	7.9	0.24	32	210	790	-	20	0.425	2.3	23
2009-03-18	1.7	10	72	6.6	9.0	0.22	20	270	760	-	33	0.399	3.6	21
2009-04-15	6.2	10.6	86	7.1	7.4	0.22	<10	230	650	-	19	0.35	2.3	19
2009-05-11	12.6	8.2	77	7.3	7.8	0.25	<10	130	570	-	27	0.319	2.4	18
2009-06-03	17.3	8.3	87	7.5	8.1	0.28	33	36	540	-	29	0.299	3.1	18
2009-07-13	19.4	8.3	90	7.3	8.3	0.29	<10	32	520	-	22	0.242	2.4	17
2009-08-16	18.9	7.2	78	7.3	7.2	0.29	19	17	450	-	22	0.24	1.9	17
2009-09-21	15.1	9.3	93	7.3	8.0	0.31	16	61	520	-	22	0.262	1.8	17
2009-10-21	6.6	9.5	78	7.3	8.2	0.30	48	63	510	-	20	0.269	2.3	15
2009-11-19	4.9	10.5	82	7.5	7.6	0.30	23	140	440	-	25	0.264	2.2	17
2009-12-15	2.4	11.8	86	7.3	7.7	0.29	16	180	530	-	20	0.301	3.5	18
Min 2009	0.3	7.2	69	6.6	7.2	0.21	<10	17	440	-	17	0.24	1.8	15
Medel 2009	8.8	9.7	82		7.9	0.27	21.6	135	582.5	-	23	0.317	2.5	18.5
Median 2009	6.4	9.8	84	7.3	7.9	0.29	19.5	135	535	-	22	0.300	2.3	18
Max 2009	19.4	12.4	93	7.5	9.0	0.31	48	270	790	-	33	0.439	3.6	23
Medel 2008	9.3	9.0	86		8.4	0.27	17	191	788	3.8	21	0.237	3.1	16
Medel 2007	10.0				7.9	0.24	17	199	778	2.5	19	0.246	3.5	16
Medel 2006	10.2				8.7	0.30	15	111	720	3.8	20	0.202	2.6	12

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-18	940	53	1.6	4.7	330	0.014	0.38	0.52	1.3	0.17
2009-03-18										
2009-04-15	960	100	1.3	4.2	240	0.014	0.32	0.41	1.1	0.21
2009-05-11										
2009-06-03	440	24	1.2	2.2	120	<0.01	0.19	0.35	0.9	0.063
2009-07-13										
2009-08-16	540	71	1.1	2.4	100	<0.01	0.18	0.31	0.84	0.081
2009-09-21										
2009-10-21	700	78	1	1.9	94	<0.01	0.29	0.26	0.87	0.084
2009-11-19										
2009-12-15	780	92	0.98	1.8	110	<0.01	0.24	0.31	0.95	0.1
Min 2009	440	24	1.0	1.8	94	<0.01	0.18	0.26	0.84	0.063
Medel 2009	727	70	1.2	2.9	166	0.008	0.27	0.36	0.993	0.12
Median 2009	740	75	1.2	2.3	115	<0.01	0.27	0.33	0.93	0.09
Max 2009	960	100	1.6	5	330	0.014	0.38	0.52	1.3	0.21
Medel 2008	531.7	61	1.3	2.6	182	0.004	0.28	0.34	1.12	0.09
Medel 2007	496.7	94	1.4	2.9	161	0.009	0.35	0.30	1.06	0.09
Medel 2006	538	135	1.1	2.6	110	0.013	0.27	0.39	0.71	0.10

Fi10 Igelforsån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.2	14	96	7.0	7.8	0.22	61	310	820	-	17	0.488	2.5	22
2009-02-18	-0.1	13.9	95	7.0	7.8	0.23	35	220	780	-	17	0.48	2.1	24
2009-03-18	1.5	14.2	101	6.8	7.3	0.19	41	260	750	-	23	0.474	2.4	21
2009-04-15	8.1	11.2	95	7.2	7.0	0.23	<10	170	620	-	25	0.369	2.6	18
2009-05-11	12.6	9.3	88	7.4	7.6	0.26	41	60	520	-	29	0.321	3.0	17
2009-06-03	17.1	8.0	83	7.5	7.9	0.28	100	64	540	-	27	0.284	2.1	17
2009-07-13	17.3	8.5	89	7.2	7.5	0.24	27	60	600	-	25	0.35	2.3	19
2009-08-16	18.4	8.7	93	7.3	7.7	0.27	23	46	460	-	19	0.24	1.5	17
2009-09-21	13.7	10.8	104	7.4	7.9	0.28	15	71	500	-	17	0.24	1.6	17
2009-10-21	5.8	11.9	95	7.4	8.1	0.28	29	59	490	-	18	0.252	1.8	14
2009-11-19	4.7	12	93	7.4	7.4	0.27	34	160	520	-	29	0.275	2.7	18
2009-12-15	1.0	13	92	7.1	8.1	0.27	31	200	570	-	21	0.312	2.4	18
Min 2009	-0.1	8	83	6.8	7.0	0.19	<10	46	460	-	17	0.24	1.5	14
Medel 2009	8.4	11.3	94		7.7	0.25	37	140	597.5	-	22	0.340	2.3	18.5
Median 2009	7.0	11.6	94	7.3	7.8	0.27	32.5	116	555	-	22	0.317	2.4	18
Max 2009	18.4	14.2	104	7.5	8.1	0.28	100	310	820	-	29	0.488	3.0	24
Medel 2008	9.3	10.3	96		8.5	0.27	35	285	860	3.8	20	0.266	2.5	17
Medel 2007	9.1				8.2	0.23	33	262	817	1.9	17	0.239	2.4	14
Medel 2006	9.7				8.8	0.30	43	161	792	2.6	18	0.208	2.5	15

Hj05 Haddeboån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-18	-0.1	13.3	91	7.1	8.8	0.29	79	110	620	<5	14	0.397	2.1	20
2009-04-15	8.6	10.7	92	7.1	7.0	0.21	34	160	610	<5	24	0.378	3.3	18
2009-06-03	7.9	7.9	75	7.7	13	0.50	44	80	460	7	25	0.268	3.2	15
2009-08-16	17.2	8.4	87	7.4	9.4	0.42	<10	160	590	5	33	0.306	4.2	19
2009-10-21	6.0	10.7	86	7.3	11	0.39	<10	190	580	<5	20	0.363	4.6	17
2009-12-15	1.5	12.7	91	6.9	6.7	0.18	400	170	550	6	16	0.400	1.9	20
Min 2009	-0.1	7.9	75	6.9	6.7	0.18	<10	80	460	<5	14	0.268	1.9	15
Medel 2009	6.9	10.6	87		9.3	0.33	94.5	145	568	4.3	22	0.352	3.2	18.2
Median 2009	7.0	10.7	89	7.2	9.1	0.34	39	160	585	<5	22	0.371	3.3	18.5
Max 2009	17.2	13.3	92	7.7	13	0.50	400	190	620	7	33	0.400	4.6	20
Medel 2008	7.5	9.6	85		10.2	0.33	31	377	1047	4.7	30	0.327	4.5	17
Medel 2007	8.8				10.1	0.33	27	251	817	1.5	17	0.292	3.8	16
Medel 2006	8.2				9.8	0.32	32	276	907	5.3	23	0.266	4.4	16

Delområde 8- Motala ströms huvudfåra

GB02 Efter Skärblacka

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.6	13.3	94	7.8	18	0.92	41	705	1500	9.9	13	0.065	3.0	7.3
2009-02-18	0.8	11.3	79	7.8	19	0.91	45	670	950	<5	13	0.061	1.8	8.0
2009-03-18	2.4	13.4	98	7.6	18	0.76	24	540	790	<5	19	0.053	3.8	6.6
2009-04-15	6.7	12.7	104	7.9	18	0.79	<10	540	820	<5	18	0.045	3.2	6.5
2009-05-11	12.3	9.1	84	8.0	19	0.81	28	310	630	<5	25	0.046	4.8	7.3
2009-06-03	16.2	8.5	87	8.0	20	0.87	60	110	500	<5	28	0.049	6.0	8.5
2009-07-13	19.4	7.3	79	7.9	19	0.92	18	28	480	<5	24	0.045	2.6	8.1
2009-08-16	19.3	8.4	91	7.9	18	0.92	26	<10	320	<5	25	0.040	1.4	8.1
2009-09-21	15	10.1	100	8.0	21	0.96	39	12	360	<5	25	0.048	3.4	8.3
2009-10-21	6.5	10.9	89	7.9	21	0.98	12	<10	360	<5	18	0.040	3.1	6.1
2009-11-19	5.0	11.5	90	8.0	20	0.96	17	150	340	<5	25	0.036	2.5	6.6
2009-12-15	1.9	12.5	90	8.1	22	0.97	54	500	720	9	25	0.044	5.5	6.5
Min 2009	0.6	7.3	79	7.6	18	0.76	<10	<10	320	<5	13	0.036	1.4	6.1
Medel 2009	8.8	10.8	90		19.4	0.90	31	298	647.5	3.7	22	0.048	3.4	7.3
Median 2009	6.6	11.1	90	7.9	19	0.92	27	230	565	<5	24.5	0.046	3.2	7.3
Max 2009	19.4	13.4	104	8.1	22	0.98	60	705	1500	9.9	28	0.065	6	8.5
Medel 2008	9.1	10.1	94		19	0.88	22	374	721	5.3	27	0.045	7.1	7.1
Medel 2007	9.0				18	0.85	16	489	928	7.3	31	0.063	7.7	7.6
Medel 2006	10.4				20	0.96	43	452	1001	12.6	44	0.058	7.2	7.6

Li11 Roxen utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.6	12.9	90	7.8	19	0.91	32	1380	1650	10	14	0.061	2.7	6.9
2009-02-18	0.7	11.4	80	7.8	19	0.87	36	780	820	<5	11	0.053	1.7	7.2
2009-03-18	2.5	12.9	95	7.7	17	0.75	29	530	790	<5	14	0.045	2.5	6.1
2009-04-15	6.9	12.8	105	7.9	17	0.77	<10	550	780	<5	17	0.041	3.1	6.2
2009-05-11	11.8	9.4	87	8.0	17	0.80	<10	300	650	<5	19	0.035	4.1	6.5
2009-06-03	15.9	8.9	90	8.0	18	0.83	35	120	430	<5	17	0.038	2.9	7.2
2009-07-13	18.8	7.6	82	8.0	18	0.88	<10	25	350	<5	20	0.035	2.1	6.9
2009-08-16	18.7	8.6	92	7.9	18	0.90	19	<10	330	<5	24	0.032	1.7	7.2
2009-09-21	14.5	10.4	104	8.0	18	0.93	42	<10	350	<5	18	0.034	2.1	6.9
2009-10-21	5.9	11	88	8.0	19	0.95	11	<10	320	<5	15	0.030	1.9	5.6
2009-11-19	4.8	11.7	91	8.1	18	0.94	<10	150	290	<5	25	0.028	3.1	5.7
2009-12-15	1.6	12.3	88	8.1	21	0.95	50	490	650	8	22	0.036	4.4	5.3
Min 2009	0.6	7.6	80	7.7	17	0.75	<10	<10	290	<5	11	0.028	1.7	5.3
Medel 2009	8.6	10.8	91	8.0	18.3	0.87	23	362	617.5	4	18	0.039	2.7	6.5
Median 2009	6.4	11.2	90	8.0	18	0.89	24	225	540	<5	17.5	0.036	2.6	6.7
Max 2009	18.8	12.9	105	8.1	21	0.95	50	1380	1650	10	25	0.061	4.4	7.2
Medel 2008	8.9	9.8	92	8.0	18	0.86	15	299	686	4.7	24	0.039	5.8	6.6
Medel 2007	9.1	10.4	92	8.0	17	0.83	13	568	904	6.1	39	0.056	7.6	7.1
Medel 2006	10.2	10.4	92	8.0	18	0.94	33	499	1002	12.6	43	0.050	6.6	6.8

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-18	120	14	0.94	1.9	96	0.011	0.05	0.16	0.60	0.085
2009-03-18										
2009-04-15	130	21	0.96	2.1	56	<0.01	0.1	0.12	0.48	0.078
2009-05-11										
2009-06-03	40	11	1.1	1.5	42	<0.01	0.085	0.13	0.46	0.070
2009-07-13										
2009-08-16	87	31	1.3	61	41	<0.01	0.23	0.14	0.65	0.087
2009-09-21										
2009-10-21	29	8.8	1.1	1.9	19	<0.01	0.08	0.082	0.72	0.058
2009-11-19										
2009-12-15	170	5.2	0.91	1.3	68	<0.01	0.091	0.14	0.61	0.070
Min 2009	29	5	0.9	1.3	19	<0.01	0.05	0.082	0.46	0.058
Medel 2009	96	15	1.1	11.6	54	0.006	0.11	0.13	0.587	0.075
Median 2009	104	13	1.0	1.9	49	<0.01	0.09	0.14	0.61	0.074
Max 2009	170	31	1.3	61	96	0.011	0.23	0.16	0.72	0.087
Medel 2008	112.3	28	1.0	1.8	102	0.003	0.20	0.17	0.78	0.057
Medel 2007	191.3	21	1.3	2.3	190	0.004	0.36	0.19	0.84	0.061
Medel 2006	159	38	1.2	2.8	107	0.013	0.26	0.39	0.71	0.074

Li12 Strömmen inl. i Roxen

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.8	14	99	7.8	16	0.64	37	630	890	-	<5	0.010	0.64	2.7
2009-02-20	0.8	12.7	89	7.8	15	0.61	82	770	730	-	<5	0.010	0.32	3.1
2009-03-17	2.5	13.7	101	7.9	16	0.61	22	760	820	-	10	0.014	2.00	3.0
2009-04-16	7.9	13	110	7.9	15	0.53	14	490	560	-	6	0.012	0.61	3.2
2009-05-11	12.1	9.6	89	8.0	16	0.64	12	330	570	-	11	0.010	1.30	3.5
2009-06-12	14.9	10.4	103	8.0	15	0.64	36	130	350	-	8	0.012	0.81	3.9
2009-07-10	19.3	9.3	102	7.9	15	0.63	62	140	470	-	17	0.026	1.80	4.6
2009-08-19	14.8	8.3	82	7.9	16	0.69	45	59	190	-	13	0.017	1.60	4.3
2009-09-21	14.9	10.7	106	8.0	16	0.69	<10	99	340	-	8	0.014	1.10	4.0
2009-10-21	5.3	11.6	92	7.9	16	0.66	15	240	480	-	<5	0.011	0.88	3.2
2009-11-19	4.8	11.8	92	8.0	15	0.66	27	400	480	-	13	0.012	4.50	3.2
2009-12-14	2.2	12.2	89	7.9	15	0.68	60	640	870	-	10	0.015	1.20	3.1
Min 2009	0.8	8.3	82	7.8	15	0.53	<10	59	190	-	<5	0.01	0.32	2.7
Medel 2009	8.4	11.4	96	7.9	15.5	0.64	35	391	562.5	-	8.6	0.014	1.4	3.5
Median 2009	6.6	11.7	96	7.9	16	0.64	31.5	365	520	-	9	0.012	1.2	3.2
Max 2009	19.3	14	110	8.0	16	0.69	82	770	890	-	17	0.026	4.5	4.6
Medel 2008	9.1	10.5	99	8.0	16	0.66	20	502	653	1.5	8.5	0.014	1.569	3.5
Medel 2007	9.2	10.4	92	8.0	16	0.66	14	593	743	1.2	6.3	0.023	1.713	3.2
Medel 2006	9.6	10.4	92	8.0	16	0.66	28	469	680	1.5	8.0	0.021	1.61	2.8

Li16 Sviestadsån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-24	-0.1	10.6	73	8.1	27	1.7	22	740	1200	36	54	0.070	13	14
2009-04-15	10.4	10.9	98	8.1	27	1.6	<10	240	1200	18	89	0.093	15	13
2009-06-04	13.8	6.6	64	8.0	26	1.7	38	180	920	49	140	0.083	16	14
2009-08-20	16.8	4.9	51	7.7	28	1.7	31	140	630	71	110	0.068	16	9.9
2009-10-19	6.7	8.5	70	8.0	35	2.2	16	1200	3100	87	150	0.107	50	12
2009-12-17	1.4	10.8	74	7.9	13	0.72	91	1600	3200	67	95	0.079	2.2	12
Min 2009	-0.1	4.9	51	7.7	13	0.72	<10	140	630	18	54	0.068	2.2	9.9
Medel 2009	8.2	8.7	72		26	1.6	33.8	683	1708	55	106	0.083	18.7	12.5
Median 2009	8.6	9.6	71.5	8.0	27	1.7	26.5	490	1200	58	103	0.081	15.5	12.5
Max 2009	16.8	10.9	98	8.1	35	2.2	91	1600	3200	87	150	0.107	50	14
Medel 2008	8.5	9.4	80		32	2.1	26	980	1833	79	138	0.148	41.0	13.5
Medel 2007	9.8	9.6	82		29	1.9	25	757	1483	50	96	0.104	30.8	16.7
Medel 2006	9.3	7.1	66		22	1.3	7	667	1458	39	91	0.102	25.8	12.7

Mo04 Boren utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.8	13.2	94	7.8	16	0.62	52	610	810	-	<5	0.009	0.50	2.9
2009-02-20	1.4	12.1	86	7.8	14	0.60	75	770	700	-	<5	0.010	0.24	2.9
2009-03-17	2.3	13.9	101	7.9	16	0.53	24	530	800	-	<5	0.010	0.61	3.0
2009-04-16	5.8	12.8	102	7.8	15	0.60	22	520	650	-	<5	0.013	0.49	3.0
2009-05-19	13	9.6	91	7.9	15	0.64	25	340	550	-	13	0.012	0.73	3.5
2009-06-12	14.3	9.6	94	8.0	15	0.61	24	270	470	-	6	0.008	1.00	3.7
2009-07-10	20.5	9.9	110	8.0	15	0.61	16	160	490	-	8	0.016	0.60	3.9
2009-08-19	14.6	8.7	86	7.9	16	0.67	36	110	250	-	26	0.020	1.30	4.4
2009-09-21	15.5	9.7	97	8.0	15	0.66	10	170	380	-	5	0.011	0.55	3.8
2009-10-21	5.4	11.7	93	7.9	16	0.63	14	290	530	-	7	0.014	0.93	3.0
2009-11-19	5.5	11.5	91	7.9	14	0.63	28	460	470	-	11	0.027	0.53	3.9
2009-12-14	1.1	12	85	7.9	15	0.69	63	620	840	-	8	0.011	0.79	2.8
Min 2009	0.8	8.7	85	7.8	14	0.53	10	110	250	-	<5	0.008	0.24	2.8
Medel 2009	8.4	11.2	94		15.2	0.62	32.4	404	578.3	-	7.8	0.013	0.69	3.4
Median 2009	5.7	11.6	94	7.9	15	0.63	24.5	400	540	-	6.5	0.012	0.61	3.3
Max 2009	20.5	13.9	110	8.0	16	0.69	75	770	840	-	26	0.027	1.30	4.4
Medel 2008	9.3	10.4	100		15	0.65	11	504	692	1.5	7.5	0.013	1.48	3.3
Medel 2007	9.2				15	0.64	13	528	754	1.4	5.3	0.022	1.16	3.1
Medel 2006	10.0				16	0.65	24	524	724	1.7	6.9	0.015	2.00	2.9

Delområde 10- Söderköpingsån och Slätbaken

Sö02 Storån Brokvarn

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	-0.1	12.7	86	7.7	17	0.90	27	980	1300	56	89	0.212	32	17
2009-04-08	5.0	12	94	7.9	17	0.85	20	560	1500	49	88	0.189	38	14
2009-06-08	13.4	10.4	100	7.9	23	1.1	<10	270	810	46	95	0.142	17	18
2009-08-18	17	6.3	65	7.6	15	0.75	47	130	660	45	79	0.125	16	16
2009-10-19	6.4	9.5	77	7.8	24	1.3	<10	870	1100	58	120	0.164	31	12
2009-12-15	0.9	12.8	90	8.0	27	1.4	65	1100	1400	110	160	0.126	44	13
Min 2009	-0.1	6.3	65	7.6	15	0.75	<10	130	660	45	79	0.125	16	12
Medel 2009	7.1	10.6	85		21	1.05	28.2	652	1128	61	105	0.160	29.7	15
Median 2009	5.7	11.2	88	7.9	20	1.00	23.5	715	1200	52.5	92	0.153	31.5	15
Max 2009	17	12.8	100	8.0	27	1.40	65	1100	1500	110	160	0.212	44	18
Medel 2008	8.2	9.1	81		16	0.86	31	846	1772	101	165	0.309	63	17
Medel 2007	9.4				15	0.80	20	602	1508	80	177	0.236	99	17
Medel 2006	9.4				15	0.79	40	626	1670	61	107	0.266	30	18

Sö03 Hällåån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	0.4	12.3	87	7.6	12	0.52	12	310	630	22	35	0.118	12	9.5
2009-04-08	5.2	12.1	95	7.7	13	0.52	15	290	860	18	59	0.135	23	9.6
2009-06-08	14.6	9.2	91	7.8	18	0.88	34	190	670	37	83	0.117	16	14
2009-08-18	18.2	7.2	76	7.7	17	0.83	63	110	530	58	69	0.082	20	12
2009-10-19	7.1	9.5	79	7.7	14	0.63	15	180	490	39	69	0.095	15	8.1
2009-12-15	1.1	13.2	93	7.9	18	0.84	42	720	1000	67	100	0.151	31	13
Min 2009	0.4	7.2	76	7.6	12	0.52	12	110	490	18	35	0.082	12	8.1
Medel 2009	7.8	10.6	87		15	0.70	30	300	697	40	69	0.116	19.5	11
Median 2009	6.2	10.8	89	7.7	15.5	0.73	25	240	650	38	69	0.118	18.0	11
Max 2009	18.2	13.2	95	7.9	18	0.88	63	720	1000	67	100	0.151	31	14
Medel 2008	8.2	9.0	81		17	0.85	46	700	1390	75.5	137	0.231	56.85	13.3
Medel 2007	9.5				14	0.72	49	466	1122	48.5	93	0.184	41.42	12.4
Medel 2006	9.5				13	0.60	35	404	1178	45	84	0.195	26.26	13.3

Sö04 Storåns utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-01-21	0.3	13	90	7.7	15	0.71	130	530	1100	53	72	0.175	25	11
2009-02-19	-0.1	12.2	84	7.7	14	0.66	170	480	900	44	52	0.154	17	11
2009-03-18	1.6	13.6	97	7.5	15	0.62	12	1400	1600	89	190	0.165	110	11
2009-04-08	5.6	11.9	95	7.8	16	0.69	130	430	1200	35	89	0.156	32	11
2009-05-11	12.8	7.8	74	7.9	20	1.10	320	400	1600	46	95	0.162	32	13
2009-06-08	14.4	8.6	84	7.8	20	0.79	300	170	870	33	70	0.110	14	13
2009-07-13	16.8	6.8	64	7.6	17	0.73	97	420	1500	89	180	0.239	59	14
2009-08-18	17.9	6.2	65	7.6	17	0.68	300	270	810	45	90	0.085	18	11
2009-09-10	17.5	7.2	75	7.7	15	0.72	150	84	570	39	86	0.090	10	10
2009-10-19	7.3	8.5	71	7.7	22	0.74	100	260	660	42	83	0.098	17	8.6
2009-11-20	5.9	9.8	79	7.8	18	0.86	56	2100	4200	320	590	0.207	430	17
2009-12-15	1.3	12.8	91	8	25	1.20	410	1500	2700	95	150	0.140	40	13
Min 2009	-0.1	6.2	64	7.5	14	0.62	12	84	570	33	52	0.085	10	8.6
Medel 2009	8.4	9.9	81		18	0.79	181	670	1476	78	146	0.148	67	12
Median 2009	6.6	9.2	82	7.7	17	0.73	140	425	1150	46	89.5	0.155	29	11
Max 2009	17.9	13.6	97	8.0	25	1.20	410	2100	4200	320	590	0.239	430	17
Medel 2008	8.2	8.7	78		40	0.82	163	688	1542	78	141	0.216	69	14
Medel 2007	9.5				64	0.77	124	380	1324	62	131	0.178	66	14
Medel 2006	9.8				33	0.72	89	534	1442	53	97	0.210	29	15

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-01-21										
2009-02-19	630	22	3.5	6.3	530	0.017	0.55	0.67	1.2	0.24
2009-03-18										
2009-04-08	610	17	3.3	5.4	430	0.017	0.75	0.61	1.4	0.27
2009-05-11										
2009-06-08	500	62	3.3	4.1	330	0.014	0.59	0.46	1.2	0.29
2009-07-13										
2009-08-18	450	58	3.3	3.9	320	<0.01	0.6	0.51	1.1	0.29
2009-09-10										
2009-10-19	820	22	3.2	6.9	1100	<0.01	0.59	0.61	1.1	0.26
2009-11-20										
2009-12-15	660	28	2.7	3.3	430	0.021	1.1	0.55	1.5	0.3
Min 2009	450	17	2.7	3.3	320	<0.01	0.55	0.46	1.1	0.24
Medel 2009	612	35	3.2	5.0	523	0.013	0.70	0.57	1.25	0.28
Median 2009	620	25	3.3	4.8	430	0.016	0.60	0.58	1.20	0.28
Max 2009	820	62	3.5	7	1100	0.021	1.1	0.67	1.5	0.30

Ej provtagen för metaller tidigare.

Sö11 Strolångens utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	1.1	11.9	84	7.5	10	0.47	12	290	590	23	30	0.099	9.5	8.4
2009-04-08	4.2	10.8	83	7.7	13	0.49	14	290	820	14	56	0.103	16	9.0
2009-06-08	14.7	9.0	89	7.6	12	0.50	29	42	430	9	44	0.078	13	9.7
2009-08-18	18.5	6.8	73	7.6	12	0.45	21	27	310	5	30	0.050	5.1	9.3
2009-10-19	7.7	9.2	77	7.7	12	0.52	38	66	370	38	59	0.055	5.2	7.1
2009-12-15	1.6	11.3	81	7.7	13	0.48	15	370	610	36	51	0.068	11	7.7
Min 2009	1.1	6.8	73	7.5	10	0.45	12	27	310	5	30	0.050	5.1	7.1
Medel 2009	8.0	9.8	81		12	0.49	22	181	522	21	45	0.076	10.0	8.5
Median 2009	6.0	10.0	82	7.7	12	0.49	18	178	510	18.5	48	0.073	10.3	8.7
Max 2009	18.5	11.9	89	7.7	13	0.52	38	370	820	38	59	0.103	16	9.7
Medel 2008	9.3	9.1	84		11	0.45	13	332	723	22	52	0.115	20.32	9.4
Medel 2007	11.1				11	0.49	29	243	682	21	42	0.092	16.33	9.3
Medel 2006	11.6				12	0.49	22	288	872	25	56	0.120	15.42	10.0

Sö12 Storån Täby

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	-0.1	12.4	85	7.7	13	0.74	56	230	820	13	23	0.117	7.3	12
2009-04-08	5.1	11.3	89	7.8	13	0.67	90	310	1000	15	49	0.166	18	14
2009-06-08	12.4	10.7	100	7.8	13	0.68	62	76	550	19	47	0.093	7.9	12
2009-08-18	16.8	7.5	77	7.7	13	0.64	36	120	510	23	22	0.087	27	12
2009-10-19	6.6	8.5	69	7.8	25	1.60	320	1000	3700	67	200	0.225	92	16
2009-12-15	0.7	12.5	87	7.8	18	0.98	140	1200	3200	98	160	0.260	67	23
Min 2009	-0.1	7.5	69	7.7	13	0.64	36	76	510	13	22	0.087	7.3	12
Medel 2009	6.9	10.5	85		16	0.89	117	489	1630	39	84	0.158	36.5	15
Median 2009	5.9	11.0	86	7.8	13	0.71	76	270	910	21	48	0.142	22.5	13
Max 2009	16.8	12.5	100	7.8	25	1.60	320	1200	3700	98	200	0.260	92	23
Medel 2008	8.0	9.1	82		14	0.73	41	756	1701	59	108	0.269	57	17
Medel 2007	9.9				13	0.79	33	421	1408	49	123	0.212	76	16
Medel 2006	9.3				13	0.72	43	380	1263	34	70	0.209	32	17

Va07 Byngarens utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	0.8	12.3	86	7.6	11	0.45	56	180	420	<5	13	0.051	2.2	6.0
2009-04-08	5.0	12.3	96	7.7	11	0.43	29	150	510	<5	19	0.054	4.3	6.2
2009-06-08	14.9	10.9	108	7.7	11	0.44	<10	<10	310	<5	27	0.044	2.2	7.4
2009-08-18	18.4	6.9	74	7.5	10	0.37	20	29	260	<5	18	0.031	1.3	7.3
2009-10-19	7.0	10.8	89	7.8	11	0.48	<10	<10	290	<5	31	0.037	3.4	6.5
2009-12-15	2.5	11.7	86	7.7	12	0.49	60	240	460	11	25	0.065	3.7	6.9
Min 2009	0.8	6.9	74	7.5	10	0.37	<10	<10	260	<5	13	0.031	1.3	6.0
Medel 2009	8.1	10.8	90		11	0.44	29	102	375	4	22	0.047	2.9	6.7
Median 2009	6.0	11.3	87.5	7.7	11	0.45	25	89.5	365	<5	22	0.048	2.8	6.7
Max 2009	18.4	12.3	108	7.8	12	0.49	60	240	510	11	31	0.065	4.3	7.4
Medel 2008	9.8	9.2	87		10	0.47	22	115	515	7	23	0.059	5.9	7.6
Medel 2007	11.1				11	0.46	31	119	572	8	23	0.073	6.9	8.0
Medel 2006	11.1				11	0.46	40	135	563	8	21	0.067	3.9	9.1

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-19	160	6.0	3.5	8.1	150	0.012	0.28	0.25	0.54	0.066
2009-04-08	180	12.0	4.9	13	160	0.011	0.59	0.32	0.70	0.093
2009-06-08	85	10.0	5.1	6.6	43	<0.010	0.45	0.20	0.49	0.053
2009-08-18	110	14.0	6.5	11	49	0.011	0.5	0.24	0.61	0.063
2009-10-19	96	5.1	3.6	6.3	34	<0.010	0.16	0.16	0.44	0.031
2009-12-15	270	7.3	4.0	10	110	<0.010	0.29	0.24	0.62	0.064
Min 2009	85	5.1	3.5	6.3	34	<0.010	0.16	0.16	0.44	0.031
Medel 2009	150	9.1	4.6	9.2	91	0.008	0.38	0.24	0.567	0.062
Median 2009	135	8.7	4.5	9.1	79.5	<0.011	0.37	0.24	0.575	0.064
Max 2009	270	14	6.5	13	160	0.012	0.59	0.32	0.70	0.093

Ej provtagen för metaller tidigare

Delområde 11- Storån vid Ätvidaberg
Vattendrag
Åt01 Bysjön utl

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	1.2	12.6	89	7.5	11	0.54	34	180	590	<5	10	0.118	0.92	12
2009-04-08	4.9	11.7	91	7.7	11	0.52	12	110	630	<5	20	0.086	2.1	10
2009-06-08	14.8	9.4	93	7.7	10	0.53	<10	<10	390	<5	30	0.089	2.0	12
2009-08-18	16.7	7.5	77	7.7	11	0.56	14	23	460	<5	37	0.109	3.5	15
2009-10-19	7.3	10	83	7.8	11	0.57	25	24	510	<5	30	0.103	1.6	12
2009-12-15	2.3	10.8	79	7.7	11	0.55	120	130	550	5	21	0.103	0.88	12

Min 2009	1.2	7.5	77	7.5	10	0.52	<10	<10	390	<5	10	0.086	0.88	10
Medel 2009	7.9	10.3	85		11	0.55	35	79	522	3	25	0.101	1.8	12.2
Median 2009	6.1	10.4	86	7.7	11	0.55	20	67	530	<5	26	0.103	1.8	12.0
Max 2009	16.7	12.6	93	7.8	11	0.57	120	180	630	5	37	0.118	3.5	15

Medel 2008	9.3	9.7	93		11	0.60	17	109	717	3	24	0.101	2.5	13
Medel 2007	10.7				11	0.55	31	150	885	3	23	0.131	4.1	12
Medel 2006	10.7				11	0.55	44	267	993	2	24	0.097	2.8	12

Åt09 Häcklasjöns utlopp

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	0.3	13.6	94	7.6	14	0.61	200	440	960	<5	14	0.134	1.3	13
2009-04-08	5.4	11.6	92	7.7	15	0.54	190	370	1200	<5	43	0.103	3.6	11
2009-06-08	14.6	10.3	101	7.8	20	0.74	150	500	1400	<5	59	0.090	4.0	14
2009-08-18	17.7	4.4	46	7.5	16	0.62	130	270	900	<5	55	0.090	3.6	13
2009-10-19	6.2	8.9	72	7.7	21	0.85	320	1100	3100	<5	31	0.081	2.0	11
2009-12-15	1.5	10.1	72	7.6	15	0.61	350	590	1300	6	30	0.100	2.0	12

Min 2009	0.3	4.4	46	7.5	14	0.54	130	270	900	<5	14	0.081	1.3	11
Medel 2009	7.6	9.8	80		17	0.66	223	545	1477	3	39	0.100	2.8	12.3
Median 2009	5.8	10.2	82	7.7	16	0.62	195	470	1250	<5	37	0.095	2.8	12.5
Max 2009	17.7	13.6	101	7.8	21	0.85	350	1100	3100	6	59	0.134	4.0	14

Ny punkt

	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)
2009-02-19	250	38	2.6	17	68	0.036	0.10	0.26	0.72	0.18
2009-04-08	420	89	4.0	30	82	0.056	0.33	0.32	1.0	0.41
2009-06-08	360	65	4.5	16	40	0.036	0.47	0.31	1.6	0.31
2009-08-18	420	60	3.1	11	33	0.030	0.34	0.32	1.2	0.21
2009-10-19	160	23	3.5	25	17	0.015	0.16	0.20	1.5	0.15
2009-12-15	270	36	2.6	25	29	0.031	0.13	0.16	0.77	0.16

Min 2009	160	23	2.6	11	17	0.015	0.100	0.16	0.72	0.15
Medel 2009	313	52	3.4	21	45	0.034	0.255	0.26	1.132	0.237
Median 2009	315	49	3.3	21	36.5	0.034	0.245	0.29	1.1	0.195
Max 2009	420	89	4.5	30	82	0.056	0.470	0.32	1.6	0.41

Ny punkt
Delområde 12- Kusten och skärgården
Va12 Vindån

Datum	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)
2009-02-19	-0.1	13.4	93	7.6	10	0.44	28	240	570	5.7	25	0.102	11	10
2009-04-08	5.4	12.4	98	7.7	10	0.42	12	300	910	5	37	0.115	16	11
2009-06-08	13.1	11.2	107	7.7	10	0.43	<10	64	430	9	34	0.077	12	11
2009-08-18	17	8.1	84	7.6	37	0.48	12	37	290	10	29	0.049	13	9.3
2009-10-19	6.2	10.7	86	7.6	130	0.61	<10	150	390	7	26	0.056	14	7.8
2009-12-15	0.8	13.7	96	7.6	13	0.45	37	720	980	18	41	0.130	18	12

Min 2009	-0.1	8.1	84	7.6	10	0.42	<10	37	290	5	25	0.049	11	7.8
Medel 2009	7.1	11.6	94		35	0.47	16.5	252	595	9	32	0.088	14.0	10.2
Median 2009	5.8	11.8	94.5	7.6	11.5	0.45	12	195	500	8	32	0.090	13.5	10.5
Max 2009	17	13.7	107	7.7	130	0.61	37	720	980	18	41	0.130	18	12

Medel 2008	8.3	11.4	98		11	0.44	16	538	1060	26	53	0.177	33.2	13.6
Medel 2007	10.6	10.8	96		10	0.42	14	510	887	19	41	0.115	25.7	11.5
Medel 2006	10.6	10.6	93		11	0.46	14	265	765	15	33	0.093	18.7	9.8

Sjöar

Delområde 2- Övre västra Svartån

4 Hamnarvassjön																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-05	0.5	2	1.9	19.1	9.9	107	7.4	12	0.62	550	18	1100	260	260	0.323	18	14	8.8
Aug 2008	0.5	2.4	2.4	17	8.7	93	7.6	10.4	0.46	<10	<10	670	-	40	0.108	3.4	11	98
Aug 2007	0.5	1.8	-	19.4	10.2	113	7.5	9.26	0.36	21	<10	790	-	29	0.203	1.1	14	12
Aug 2006	0.5	2.2	-	21.8	10.4	118	7.8	11	0.46	5	<10	700	-	23	0.086	2.7	11	8.6
2009-08-05	7			11.6	0.3	3	7.8	10	0.43	45	<10	410	<5	27	0.085	2.2	11	
Aug 2008	7			9.8	0.1	2	7.1	13.1	0.88	1500	36	2300	-	460	0.610	26	15	
Aug 2007	7			10.3	0.2	2	7.1	13.3	0.87	1900	<10	2700	-	560	0.550	17	16	
Aug 2006	7			10.7	0.1	1	6.8	13.8	0.93	2100	<10	2800	-	580	0.2592	17	17	
8 Vässlodassjön																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-05	0.5	1.3	1.2	19.3	10	109	7.8	11	0.51	23	13	1100	-	26	0.19	3.8	14	19.5
Aug 2008	0.5	1.8	1.8	17.1	7.7	82	7.6	11.6	0.53	51	28	910	-	44	0.193	4.4	12	27
Aug 2007	0.5	1	-	20.0	8.2	93	7.3	9.02	0.37	71	100	1200	-	42	0.445	3.6	22	19
Aug 2006	0.5	1.3	-	23.8	9.8	117	7.7	13	0.56	33	<10	1200	-	36	0.14	3.0	15	11
18 Ralången																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-05	0.5	1.1	1.0	20.3	9	100	7.8	16	0.82	<10	11	1200	<5	40	0.088	11	11	20.7
Aug 2008	0.5	0.5	0.5	18.7	10.9	117	8.2	17.3	1.1	5	5	1700	-	100	0.126	25	14	88
Aug 2007	0.5	1.5	1.5	20.2	10.1	113	7.8	13.8	0.75	26	17	990	-	38	0.229	3	16	41
Aug 2006	0.5	1.2	-	23.2	11.4	133	8.5	18.1	1.1	<10	<10	750	-	42	0.075	5.5	12	11
2009-08-05	4			19.2	4.7	51	8	17	0.89	13	12	1100	<5	32	0.088	4.1	12	
Inget bottenprov taget tidigare																		

26 Säbysjön																			
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-08-05	0.5	1.0	0.8	21.5	11.2	127	8.2	19	1	<10	14	1300	<5	33	0.081	6	12	33.9	
Aug 2008	0.5	0.6	0.6	17.7	8.5	92	8.0	20.3	1.2	84	20	1700	-	78	0.100	31	15	74	
Aug 2007	0.5	1.6	1.6	19.8	8.3	92	7.6	14.3	0.8	36	72	1200	-	44	0.298	3	19	78	
Aug 2006	0.5	1.1	1.1	22.5	11.3	129	8.3	20.9	1.2	33	<10	1100	-	42	0.080	7.9	13	34	
2009-08-05	4			18.8	0.4	4	8.1	19	1	<10	15	1400	<5	57	0.08	10	12		
Aug 2008	4			17.2	6.5	70	8	20.4	1.2	140	28	1600	-	90	0.101	25	16		
Aug 2007	4			18	1.7	19	7.3	14.7	0.81	51	79	1400	-	61	0.291	4.8	22		
Aug 2006	4			21.9	10.3	122	8.3	20.8	1.2	12	<10	900	-	56	0.08	9	14		
34 Sommen väst																			
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-02-24	0.5	Is	Is	0.9	13.2	93	7.7	12	0.48	<10	3	290	-	5	0.033	0.28	8.4	-	
2009-08-05	0.5	4.1	4.1	22.2	9.6	110	7.9	14	0.6	<10	29	360	-	<5	0.048	0.56	9.1	6.4	
Aug 2008	0.5	4.7	3.9	17	9.4	101	7.8	13.8	0.64	17	60	580	-	9	0.044	1	9.5	6	
Aug 2007	0.5	4.3	-	19	10.5	115	7.8	13.3	0.61	38	120	900	-	14	0.094	1.6	12	7.7	
Aug 2006	0.5	4.5	-	21.7	10.4	118	8.3	14.5	0.65	<10	<10	470	-	10	0.035	1.2	7.6	3.7	
2009-02-24	29			2.8	11.4	86	7.8	14	0.63	<10	290	560	-	17	0.071	0.52	9.4		
2009-08-05	40			9.6	5.6	49	7.3	14	0.56	<10	29	590	-	13	0.059	2.2	9.6		
Aug 2008	37			8.2	7.2	62	7.5	14.1	0.64	<10	330	790	-	13	0.063	1.7	9.7		
Aug 2007	37			7.3	7.4	65	7.4	14.3	0.62	<10	560	840	-	14	0.061	4.2	9.7		
Aug 2006	37			8.8	8.0	73	7.5	15.0	0.66	<10	340	700	-	10	0.044	1.3	7.5		
Datum	Djup (m)	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	SO4 (mg/l)	Cl (mg/l)	Fe (µg/l)	Mn (µg/l)	Cu (µg/l)	Zn (µg/l)	Al (µg/l)	Cd (µg/l)	Pb (µg/l)	Cr (µg/l)	Ni (µg/l)	Co (µg/l)		
2009-02-24	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2009-08-05	0.5	18	1.8	6.1	1.5	14	10	13	7.1	0.7	1.4	2.9	<0.01	0.033	0.094	0.99	0.036		

Ej provtagen för metaller och makrokosttiter tidigare

36 Sommen nordväst																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-06	0.5	4.9	4.5	20.9	9.2	101	8.0	14.0	0.58	<10	17	350	-	6	0.046	0.78	9.2	34.7
Aug 2008	0.5	2.8	-	17.6	9.0	99	7.8	14.0	0.65	5	5	520	-	11	0.050	1.4	10	11
Aug 2007	0.5	2.8	-	20.7	10.5	119	7.8	13.9	0.62	57	56	610	-	9	0.109	2.2	12	8.4
Aug 2006	0.5	3.2	-	22.8	10.2	118	8.3	15.0	0.69	<10	<10	480	-	8	0.036	1.6	7.8	3.6
2009-08-06	8			12.1	0.2	2	7.6	15	0.63	29	24	390	-	23	0.061	6.1	10	
Aug 2008	8			10.3	0.7	6	7.4	15.2	0.81	120	32	650	-	27	0.070	16	11	
Aug 2007	8			11.4	0.4	5	7.2	15.5	0.82	200	40	770	-	41	0.082	10	10	
Aug 2006	8			10.9	0.1	1	7.4	15.6	0.80	<10	<10	630	-	40	0.054	11	8.5	
304 Skärsjön																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-05	0.5	2.2	2.1	19.2	9.2	100	7.7	11	0.41	<10	10	1000	-	15	0.080	2.3	13	6.6
Aug 2008	0.5	1.5	1.5	17.7	7.8	84	7.5	11.3	0.45	20	<10	760	-	28	0.094	5.5	13	15
Aug 2007	0.5	1.4	-	20.3	9.3	107	7.4	9.7	0.30	<10	<10	910	-	27	0.224	5.5	18	2.2
Aug 2006	0.5	1.4	-	22.5	9.2	107	7.7	14	0.56	<10	<10	680	-	20	0.064	4.0	12	8.8
606 Noen																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-06	0.5	4.1	3.5	19.6	9.2	101	8.2	20.0	1.1	<10	19	340	-	11	0.046	1.0	9.8	4.1
Aug 2008	0.5	3.7	3.7	17.8	8.5	92	8.1	19.4	1.2	<10	<10	540	-	7	0.050	1.4	11	5.1
Aug 2007	0.5	2.8	2.8	20.1	11.1	124	8.2	18.1	1.1	<10	<10	640	-	12	0.078	1.4	12	10
Aug 2006	0.5	3.8	-	21.8	9.7	109	8.4	21.4	1.3	<10	<10	450	-	7	0.036	0.99	8.3	2.3
2009-08-06	22			13	0.7	7	7.9	22.0	1.4	190	60	620	-	75	0.060	5.2	10	
Aug 2008	22			9.8	0.1	2	7.8	20.6	1.4	100	130	670	-	30	0.063	2.4	11	
Aug 2007	22			10.6	0.2	2	7.7	21.9	1.4	260	110	880	-	73	0.060	2.4	10	
Aug 2006	22			9.7	0.5	4	7.6	22.3	1.4	47	170	650	-	33	0.039	2.2	7.9	

Delområde 3- Övre östra Svartån

Bo01 Sommen																			
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-02-24	0.5	Is	Is	1.0	13.5	96	7.7	11	0.48	<10	55	280	-	<5	0.031	0.31	7.0	-	
2009-08-07	0.5	8.9	8.1	24.9	9	109	7.9	12	0.48	<10	12	280	-	<5	0.026	0.36	6.7	<=2,5	
Aug 2008	0.5	6.5	6.2	17.4	9.8	104	7.8	11.7	0.48	<10	10	370	<2	7	0.025	0.49	7.2	4	
Aug 2007	0.5	6.3	-	19.1	10.7	117	7.7	11.6	0.46	<10	<10	340	<2	<5	0.04	0.63	7.7	3	
Aug 2006	0.5	8.4	8.2	20.6	10.5	114	7.9	12.4	0.51	<10	<10	310	<2	7	0.023	0.46	6.2	1.2	
2009-02-24	31			1.7	12.7	92	7.7	11	0.48	15	53	280	-	5	0.038	0.33	6.6		
2009-08-07	34			12.2	7.6	71	7.4	12	0.47	<10	98	330	-	110	0.028	1.4	6.3		
Aug 2008	34			10.3	8.2	76	7.3	11.7	0.47	<10	100	410	<2	5	0.026	0.21	7		
Aug 2007	34			7.4	6.4	54	7.2	12	0.47	-	140	410	<2	5	0.034	0.64	7.2		
Aug 2006	34			8.9	10.5	95	7.2	12.2	0.48	<10	100	380	<2	8	0.024	0.56	5.9		

Yd01 Östra Lägern																			
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-08-05	0.5	3.4	3.2	21.7	9.6	109	7.7	8.6	0.31	<10	11	250	-	<5	0.059	0.76	9.4	5.2	
Aug 2008	0.5	4.2	4	17.4	9.2	100	7.6	8.6	0.32	<10	64	480	<2	7	0.056	0.63	9.7	4.3	
Aug 2007	0.5	4.9	4.6	18.9	10.1	111	7.4	8.6	0.31	12	94	520	<2	11	0.099	0.82	11	2.3	
Aug 2006	0.5	6.5	5.8	20.5	-	-	7.6	9.3	0.36	<10	<10	420	<2	9	0.047	0.57	7.5	1.8	

Delområde 4- Nedre Svartån

Md03 Hargsjön																			
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-08-06	0.5	1.4	1.3	22.6	10.5	122	8.3	24	1.6	<10	19	680	<5	55	0.12	4.6	18	-	
Aug 2008	0.5	0.8	-	17.9	8.5	92	8	23.7	1.8	89	49	1800	11	150	0.136	12	20	54	
Aug 2007	0.5	1.4	-	21.5	9.3	108	8.1	18.5	1.3	<10	<10	990	<2	31	0.292	2.6	23	39	
Aug 2006	0.5	1.1	-	22.1	7.6	90	8.2	23.1	1.7	<10	<10	1400	4	83	0.099	11	20	37	
2009-08-06	5			19.6	0.2	2	8	24	1.7	<10	13	700	20	86	0.12	8.5	17		
Aug 2008	5			17.7	8.1	86	8	23.7	1.8	74	52	1600	13	110	0.133	13	20		
Aug 2007	5			18.2	0.7	7	7.6	19.2	1.3	250	18	1400	16	370	0.309	4.1	24		
Aug 2006	5			21.3	1.4	16	7.7	23.7	1.8	120	<10	1300	18	110	0.093	12	18		

Delområde 5- Stångån

KI06 Åsunden																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-09	0.5	3.7	3.4	22.6	10.2	118	8.1	11	0.45	<10	36	380	-	10	0.057	1.1	9.1	11.6
Aug 2008	0.5	4.6	4.3	17.9	9.2	99	7.7	10.9	0.44	21	80	550	<2	13	0.065	1.4	10	8.9
Aug 2007	0.5	2.8	2.6	21.2	9.5	110	8.2	10.7	0.42	14	41	630	<2	13	0.084	2.3	10	4.5
Aug 2006	0.5	4.9	4.4	21.6	-	-	7.9	11.4	0.47	<10	<10	470	<2	6	0.045	1.2	8.5	4.7
KS02 Kisasjön norra delen																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-02-24	0.5	Is	Is	0.3	12.8	88	7.7	14	0.62	16	240	560	<5	10	0.098	0.85	11	-
2009-08-07	0.5	3.4	3.1	24.1	9.0	107	7.9	15	0.67	27	13	490	<5	13	0.055	1.3	10	4.2
Aug 2008	0.5	2.9	2.7	19.0	9.4	104	7.9	13.9	0.66	<10	<10	550	<2	25	0.065	2.3	11	11
Aug 2007	0.5	2.5	2.3	21.5	9.1	10.5	7.7	11.2	0.54	22	<10	650	<2	17	0.113	2.0	11	2.4
Aug 2006	0.5	1.8	1.5	22.2	9.3	109	8	13.4	0.66	<10	<10	680	2	29	0.062	5.5	10	24
2009-02-24	7			2.8	6.5	49	7.6	18	0.74	230	920	1100	10	22	0.079	3.0	10	
2009-08-07	7			14.1	0.3	3	7.4	16	0.7	86	87	540	<5	29	0.055	8.4	9.4	
Aug 2008	8			13.1	0.1	2	7.3	21.5	1.1	970	880	2300	22	72	0.085	16	12	
Aug 2007	8			13.2	0.6	6	7.1	23.8	1.1	810	860	2200	27	67	0.088	15	11	
Aug 2006	8			11.8	0.5	4	7.2	26.3	1.4	1900	380	2900	93	150	0.069	24	9.5	
MS05 Krön																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-02-24	0.5	Is	Is	0.4	12.4	86	7.5	12	0.46	440	890	1300	8	11	0.17	2	11	-
2009-08-07	0.5	0.9	0.7	21.1	10.2	115	8.2	13	0.62	<10	11	610	<5	42	0.092	11	12	39.5
Aug 2008	0.5	0.7	-	18.8	9.8	108	8	14.4	0.68	120	74	1300	4	70	0.138	14	14	64
Aug 2007	0.5	1.4	-	21.3	7.9	91	7.3	9.21	0.36	190	94	1200	<2	31	0.36	3.1	21	24
Aug 2006	0.5	0.7	-	21.6	11	124	8.3	14.5	0.71	<10	<10	1100	5	64	0.153	17	16	56
2009-02-24	2.5			1.1	10.6	75	7.4	12	0.36	300	590	1100	<5	12	0.168	2.9	11	
2009-08-07	2.5			20.2	4.5	50	7.9	13	0.63	19	13	640	<5	43	0.092	13	12	
Aug 2008	2.5			18.6	9.1	100	7.9	14.4	0.69	140	75	1400	4	68	0.128	17	14	
Aug 2007	2.5			20.0	1.3	15	7.1	9.62	0.42	300	72	1300	<2	38	0.431	5.5	24	
Aug 2006	2.5			20.8	5.6	61	7.7	15.2	0.77	58	28	1200	6	73	0.170	20	17	

MS22 Ören																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-07	0.5	2.2	2	22.5	9.1	105	7.6	8.2	0.33	<10	10	420	<5	18	0.104	1.8	11	17.7
Aug 2008	0.5	2.0	-	18.7	8.5	94	7.5	8.56	0.36	<10	<10	470	<2	16	0.100	2.5	11	7.5
Aug 2007	0.5	1.7	-	20.4	8.0	91	7.2	7.25	0.26	28	16	860	<2	15	0.210	1.9	18	16
Aug 2006	0.5	1.9	-	22.2	9.1	104	7.5	8.42	0.32	<10	<10	730	<2	29	0.098	4	11	72
2009-08-07	9			14.9	0.2	2	7.2	9.2	0.43	52	13	380	<5	18	0.101	3.4	11	
Aug 2008	10			11.2	0.1	2	7.1	11	0.74	1000	<10	1500	18	34	0.655	7.6	16	
Aug 2007	10			11.0	0.6	5	7.2	11.5	0.75	1300	<10	1800	<2	15	0.516	4.4	18	
Aug 2006	10			16.9	0.1	1	6.9	9.69	0.54	740	<10	1200	34	42	0.471	5.0	15	
MS30 Bodasjön																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-07	0.5	3.8	3.5	21.5	9.1	103	7.9	13	0.57	<10	<10	380	<5	13	0.033	1.6	9.7	<=3.4
Aug 2008	0.5	3.2	-	18.8	8.5	95	7.8	13.4	0.63	<10	<10	570	<2	13	0.039	2.2	10	7.6
Aug 2007	0.5	3.1	-	20.9	10.0	115	7.9	13.1	0.57	18	<10	570	<2	10	0.074	1.6	12	5.8
Aug 2006	0.5	3.0	-	21.9	9.0	102	7.8	14.3	0.63	<10	<10	660	<2	12	0.032	3.0	9.4	2.4
2009-08-07	9			9.8	0.3	3	7.5	16	0.84	230	11	740	<5	18	0.045	4.8	9.9	
Aug 2008	9			10.4	0.2	3	7.5	15.8	1.0	310	<10	860	<2	19	0.074	3.1	11	
Aug 2007	9			10.6	0.4	5	7.5	16.8	1.1	640	<10	1200	<2	17	0.065	2.1	10	
Aug 2006	9			9.6	0.1	1	7.4	16.6	1.0	490	<10	1100	2	14	0.070	3.3	8.9	
Åt06 Ärlängen																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-08	0.5	3.4	3.0	19.5	9.6	105	8.0	14	0.63	<10	11	400	-	16	0.055	2.0	10	9.1
Aug 2008	0.5	3.1	2.9	19.1	8.9	98	7.8	13.4	0.67	<10	<10	510	<2	16	0.044	1.4	10	7.1
Aug 2007	0.5	3.2	3.0	20.7	9.2	104	7.8	12.8	0.59	<10	<10	570	<2	16	0.05	2.8	10	8.7
Aug 2006	0.5	3.8	3.5	21.8	7.8	90	7.9	13.5	0.65	<10	<10	590	3	14	0.051	1.5	8.7	6.5
2009-08-08	10			17.3	1.0	10	7.4	14	0.66	14	93	470	-	38	0.052	2.4	9.6	
Aug 2008	10			14.6	0.0	0.0	7.3	14.8	0.86	130	<10	710	63	120	0.05	7.7	11	
Aug 2007	10			17.9	3.2	34	7.4	13.5	0.66	87	46	650	32	42	0.052	3.3	10	
Aug 2006	10			13.2	0.4	3	7.5	14.7	0.8	120	42	640	57	83	0.056	10	8.8	

Delområde 6 - Finspångsån

FI06 Bönnern																		
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-09	0.5	1.0	0.8	22.2	7.8	90	7.2	8.1	0.3	10	86	740	<5	35	0.424	4.5	24	18.4
Aug 2008	0.5	2.1	1.9	18.8	7.1	78	7.4	10.5	0.41	16	12	670	3	19	0.159	3.2	14	9.3
Aug 2007	0.5	1.8	1.6	21	8.3	94	7.3	9.9	0.37	12	12	680	<2	24	0.197	3.3	15	7.6
Aug 2006	0.5	2.3	2.0	22.8	8.6	100	7.4	9.57	0.38	16	<10	640	<2	23	0.172	4.5	13	4.8
Mo10 Stora Vänstern																		
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-06	0.5	2.9	2.6	23.3	9	106	7.5	8.50	0.28	<10	14	310	-	<5	0.112	0.91	12	3.8
Aug 2008	0.5	3.7	3.5	18.2	9	99	7.4	8.77	0.29	<10	10	520	<2	<5	0.075	1.4	10	4.3
Aug 2007	0.5	3.7	3.4	21.0	8.6	99	7.6	8.58	0.26	<10	<10	420	<2	<5	0.091	1.2	11	4.4
Aug 2006	0.5	3.7	3.3	23.6	8.5	101	7.6	8.90	0.30	<10	<10	410	<2	6	0.060	1.1	9.2	3.2

Delområde 7 - Ysundaån

FI11 Näfssjön																		
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-09	0.5	4.8	4.3	21.3	9.0	102	7.5	6.6	0.21	<10	10	320	-	12	0.052	1.1	9.5	<=3.2
Aug 2008	0.5	3.5	3.3	18.4	9.2	101	7.3	6.54	0.22	<10	<10	490	<2	14	0.048	1.5	9.1	18
Aug 2007	0.5	3.2	3.0	21.1	8.8	99	7.3	6.48	0.21	<10	<10	390	<2	10	0.047	0.99	9.6	2.3
Aug 2006	0.5	4.0	3.4	22.8	9.0	105	7.4	6.68	0.22	<10	<10	430	<2	10	0.041	1.1	7.7	3.9
HJ06 Avern																		
Datum	Djup (m)	Sikt djup (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-09	0.5	1.4	1.1	20.5	9.1	101	7.5	8.0	0.29	<10	14	470	-	26	0.226	3.1	16	18
Aug 2008	0.5	1.6	1.4	18.8	8.7	97	7.5	9.28	0.33	23	<10	770	3	33	0.136	5.3	14	21
Aug 2007	0.5	1.7	1.5	21.7	91.0	105	7.4	8.46	0.26	17	<10	740	<2	29	0.153	3.5	16	2.2
Aug 2006	0.5	1.5	1.2	22.9	8.9	104	7.7	8.99	0.33	20	<10	810	2	24	0.139	7.8	16	22

Delområde 8- Motala ströms huvudfåra

GB03 Gian																			
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filtr	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-02-23	0.5	Is	Is	0.5	12.2	85	7.5	15	0.53	55	500	880	5	17	0.227	3.1	14		
2009-04-21	0.5	2.2	2.1	6.0	11.8	95	7.8	17	0.76	17	510	760	<5	22	0.077	2.8	8.1		
2009-06-08	0.5	2.2	2.0	13.6	9.7	93	8.0	18	0.71	24	270	550	<5	26	0.067	2.7	8.0		
2009-08-09	0.5	2.1	1.9	22.7	11.1	129	9.0	18	0.82	<10	20	420	<5	29	0.055	5.6	8.1	20.7	
2009-10-20	0.5	3.5	3.1	8.0	10.5	89	7.9	18	0.87	<10	<10	280	10	30	0.052	1.9	7.5		
2009-12-17	0.5	2.4	2.0	1.8	11.9	86	8.1	39	2.8	27	260	540	17	27	0.095	24	7.8		
Aug 2008	0.5	1.9	1.7	17.7	10	106	8.0	18.9	0.89	<10	<10	440	4	35	0.046	3.3	8.7	18	
Aug 2007	0.5	1.8	1.6	19.2	8.9	96	8.0	17.2	0.83	<10	180	590	15	43	0.051	5.1	10	18	
Aug 2006	0.5	2	1.7	22.1	10.3	118	8.1	19	0.83	22	<10	660	<2	32	0.054	5.8	10	17	
2009-02-23	18			1.8	10.0	72	7.7	18	0.76	<10	450	670	19	24	0.09	3.5	8.0		
2009-04-21	18			5.8	11.6	92	7.7	17	0.76	<10	520	750	<5	22	0.082	3.3	8.2		
2009-06-08	18			13.3	8.9	85	7.9	18	0.65	25	260	580	6	29	0.064	3.5	8.0		
2009-08-09	18			18.1	4.0	42	7.7	19	0.79	100	160	560	42	75	0.05	8.1	7.9		
2009-10-20	18			7.6	9.9	83	7.9	18	0.88	<10	<10	310	6	36	0.051	2.4	7.6		
2009-12-17	18			2.2	11.5	84	7.9	18	0.86	19	260	540	17	28	0.094	3.8	7.9		
Aug 2008	17			17.2	6.9	73	7.9	18.8	0.91	<10	<10	440	7	51	0.048	4.1	8.3		
Aug 2007	17			18.9	8.5	92	7.9	17.3	0.83	12	190	620	16	46	0.05	5.2	8.2		
Aug 2006	17			14.3	0.7	7	7.6	18.6	0.85	94	320	830	31	48	0.055	4.0	7.5		
Li07 Roxen S																			
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filtr	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)	
2009-02-23	0.5	Is	Is	0.5	12.7	88	7.8	17	0.72	180	380	840	<5	19	0.058	1.7	9.2		
2009-04-21	0.5	2.7	2.5	7.9	11.1	94	7.9	17	0.76	15	480	690	<5	12	0.047	1.7	6.6		
2009-06-08	0.5	2.7	2.6	14.6	10.4	102	8.2	18	0.82	<10	88	370	<5	16	0.039	1.5	7.3		
2009-08-06	0.5	2.1	1.9	19.3	11.1	121	8.3	19	0.9	20	30	470	<5	21	0.043	2.4	7.7	13.5	
2009-10-20	0.5	2.5	2.2	6.4	12.5	102	8.1	19	1	<10	64	380	<5	21	0.031	2.7	6.2		
Ingen provtagning i december pga dålig is																			
Aug 2008	0.5	1.5	1.4	17.5	10.6	112	8.0	17.6	0.85	27	110	670	<2	27	0.049	2.9	8.6	17	
Aug 2007	0.5	1.6	1.4	19.8	10	110	7.9	14.8	0.69	<10	140	820	<2	32	0.058	4.9	11		
Aug 2006	0.5	1.7	1.5	22.1	-	-	8.4	17.8	0.84	<10	<10	660	6	54	0.037	8.2	6.8	31	
2009-02-23	6			1.0	12.6	89	7.7	18	0.76	240	530	1000	<5	18	0.056	1.6	9.0		
2009-04-21	6			8.0	10.9	92	7.9	17	0.74	16	490	740	<5	14	0.047	1.9	6.7		
2009-06-08	6			14.1	10.1	98	8.2	18	0.82	<10	75	350	<5	17	0.041	1.6	7.2		
2009-08-06	6			20.1	9.8	108	8.2	19	0.91	<10	390	<5	20	0.044	2.6	8.6			
2009-10-20	6			5.9	12.7	102	8.1	20	1.1	26	170	490	<5	18	0.033	2.9	6.0		
Aug 2008	7			16.9	-	-	7.9	17.8	0.87	29	85	630	<2	29	0.048	5.3	8.2		
Aug 2007	7			19.3	9.6	105	8.1	15.2	0.74	12	68	810	3	38	0.060	6.5	9.1		
Aug 2006	7			21.8	10	114	8.1	18.2	0.9	210	200	1100	17	64	0.041	9.0	7.3		

L15 Roxen																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-02-23	0.5	Is	Is	0.2	14.6	101	8.0	17	0.69	24	590	720	<5	6	0.028	0.57	4.7	-
2009-04-21	0.5	2.7	2.5	7.9	11.3	95	7.9	17	0.78	13	500	750	<5	12	0.048	1.8	6.4	10.7
2009-06-08	0.5	2.4	2.3	14.9	10	99	8.1	18	0.83	13	100	450	<5	19	0.04	2.3	7.5	11.9
2009-08-06	0.5	2.5	2.2	22.6	10.3	119	8.2	18	0.89	19	133	510	<5	16	0.034	2.1	8.0	10.2
2009-10-20	0.5	3.1	2.5	6.5	11.7	95	8.0	18	0.94	<10	<10	330	<5	21	0.031	2.1	5.8	10.8
Ingen provtagning i december pga dålig is																		
Aug 2008	0.5	1.8	1.6	17.2	10.2	107	8.0	17.4	0.82	<10	<10	600	3	33	0.034	3.5	5.8	18
Aug 2007	0.5	1.8	1.6	19.3	10.5	114	8.3	15.6	0.77	<10	<10	600	3	42	0.054	6.0	8.7	24
Aug 2006	0.5	2.3	1.9	22.4	11.2	129	8.2	18.2	0.89	35	<10	1000	7	71	0.04	12	6.6	46
2009-02-23	7			1.1	13.2	94	7.9	18	0.84	32	580	830	<5	12	0.067	1.4	8.1	
2009-04-21	7			7.8	11.0	92	7.9	17	0.81	15	510	730	<5	11	0.045	1.9	6.2	
2009-06-08	7			14.0	9.8	95	8.2	18	0.82	<10	89	390	<5	18	0.038	2.5	7.3	
2009-08-06	7			19.3	7.3	79	8	19	0.91	<10	11	330	<5	20	0.039	2.4	7.8	
2009-10-20	7			6.3	12.2	99	8	18	0.94	<10	<10	280	<5	17	0.028	2.3	5.8	
Aug 2008	6			16.8	9.5	99	8.1	17.4	0.82	<10	<10	460	3	23	0.034	4.1	6.7	
Aug 2007	7			19.1	9.4	102	8.3	16	0.8	13	22	660	7	35	0.058	7.0	8.8	
Aug 2006	6			21.9	10.9	124	8.2	17.8	0.87	18	<10	720	5	62	0.038	6.2	6.0	
M003 Boren																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-06	0.5	4.9	4.6	23.8	10.6	126	8.3	15	0.66	<10	76	220	-	<5	0.010	0.71	3.9	6.7
Aug 2008	0.5	4.7	4.5	18.0	9.7	103	7.8	14.5	0.62	<10	250	470	-	9	0.005	1.4	3.2	5.7
Aug 2007	0.5	6.9	-	19.9	9.5	106	8.0	14.6	0.62	12	370	650	-	<5	0.017	0.82	4.2	3.1
Aug 2006	0.5	3.4	3.1	20.0	9.8	109	8.0	15.0	0.63	<10	530	450	-	7	0.009	1.7	2.8	10
A107 Södra Teden																		
Datum	Djup (m)	Sikt djup m kikare (m)	Sikt djup u kikare (m)	Temp (°C)	Syreh (mg/l)	Syrem (%)	pH	Kond (mS/m)	Alk (mekv/l)	NH4-N (µg/l)	NO2+3-N (µg/l)	Tot-N (µg/l)	PO4-P (µg/l)	Tot-P (µg/l)	Abs. 420 Filt	Turb (FNU)	TOC (mg/l)	Klorofyll (µg/l)
2009-08-08	0.5	0.4	0.3	21.3	15.5	175	9.9	18	1.1	<10	18	2600	6	260	0.082	54	17	194.4
Aug 2008	0.5	0.5	0.4	18.8	9.6	106	8.6	17.1	1.1	<10	<10	2100	<40	520	0.066	24	17	120
Aug 2007	0.5	0.6	0.5	22.2	12.4	143	9.3	14.9	0.92	<10	<10	2900	<2	46	0.084	36	17	110
Aug 2006	0.5	0.3	0.2	22.6	12.2	143	9.3	15.9	1.1	<10	<10	3200	95	450	0.113	61	17	130

Delområde 10- Söderköpingsån och Slätbaken

S001 Asplången		Sikt djup m	Sikt djup u	Temp	Syreh	Syrem	pH	Kond	Alk	NH4-N	NO2+3-N	Tot-N	PO4-P	Tot-P	Abs. 420	Turb	TOC	Klorofyll
Datum	Djup (m)	kikare (m)	kikare (m)	(°C)	(mg/l)	(%)		(mS/m)	(mekv/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	Filter	(FNU)	(mg/l)	(µg/l)
2009-02-23	0.5	Is	Is	1.0	12.2	86	7.7	27	1.6	<10	1400	2200	180	190	0.158	57	15	-
2009-08-08	0.5	0.5	0.4	23.1	13.5	158	7.7	23	1.3	<10	22	1400	75	160	0.077	40	14	37.6
Aug 2008	0.5	0.5	0.4	19	7.5	83	7.9	23.9	1.4	<10	450	1100	92	140	0.139	26	10	7.6
Aug 2007	0.5	0.4	0.3	21	9.2	104	8.1	21.9	1.2	10	570	1400	99	160	0.159	49	12	21
Aug 2006	0.5	0.5	0.4	22.4	10.4	121	8.8	23.1	1.3	<10	<10	1700	220	410	0.096	23	13	69
2009-02-23	5			2.1	9.2	67	8.0	24	1.3	<10	1500	2400	150	160	0.151	61	15	
2009-08-08	5			19.5	5.5	60	8.3	24	1.3	<10	26	1400	89	180	0.077	35	14	
Aug 2008	5			18.9	7.1	79	7.8	23.8	1.4	<10	620	1200	94	160	0.128	38	11	
Aug 2007	5			21.0	9.2	104	7.9	22.1	1.2	<10	660	1400	130	190	0.148	52	12	
Aug 2006	5			21.9	5.4	62	8.2	23.5	1.4	290	24	2300	250	450	0.096	24	12	
ÅT08 Yxningen		Sikt djup m	Sikt djup u	Temp	Syreh	Syrem	pH	Kond	Alk	NH4-N	NO2+3-N	Tot-N	PO4-P	Tot-P	Abs. 420	Turb	TOC	Klorofyll
Datum	Djup (m)	kikare (m)	kikare (m)	(°C)	(mg/l)	(%)		(mS/m)	(mekv/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	Filter	(FNU)	(mg/l)	(µg/l)
2009-08-08	0.5	7.0	6.5	21.8	9.4	107	7.9	10	0.43	11	11	240	-	<5	0.018	0.70	5.7	<=2.3
Aug 2008	0.5	6.2	-	18.1	10.1	109	7.8	9.99	0.44	12	14	270	<2	<5	0.036	0.66	5.9	1.8
Aug 2007	0.5	6.2	-	18.6	9.4	101	7.8	9.85	0.42	10	35	370	<2	<5	0.047	0.81	5.5	2
Aug 2006	0.5	7.2	-	21.8	-	-	7.8	10.2	0.44	<10	<10	300	<2	<5	0.023	0.78	5.1	1.3

Delområde 11- Storån vid Åtvidaberg

K109 Horsfjärden		Sikt djup m	Sikt djup u	Temp	Syreh	Syrem	pH	Kond	Alk	NH4-N	NO2+3-N	Tot-N	PO4-P	Tot-P	Abs. 420	Turb	TOC	Klorofyll
Datum	Djup (m)	kikare (m)	kikare (m)	(°C)	(mg/l)	(%)		(mS/m)	(mekv/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	Filter	(FNU)	(mg/l)	(µg/l)
2009-08-08	0.5	6.0	5.5	21.9	8.9	102	7.6	6.7	0.27	<10	<10	240	-	<5	0.031	0.58	6.7	<=3.0
Aug 2008	0.5	5.7	5.3	18.3	10	108	7.6	6.78	0.29	<10	<10	280	<2	<5	0.036	0.85	7.2	2.7
Aug 2007	0.5	5.5	5.1	21	8.9	103	7.5	6.8	0.28	<10	<10	330	<2	<5	0.037	0.53	7.6	1.9
Aug 2006	0.5	6.0	5.4	22.3	-	-	7.6	7.03	0.3	<10	<10	390	<2	<5	0.03	0.65	6.5	1.7
ÅT04 Båtsjön		Sikt djup m	Sikt djup u	Temp	Syreh	Syrem	pH	Kond	Alk	NH4-N	NO2+3-N	Tot-N	PO4-P	Tot-P	Abs. 420	Turb	TOC	Klorofyll
Datum	Djup (m)	kikare (m)	kikare (m)	(°C)	(mg/l)	(%)		(mS/m)	(mekv/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	Filter	(FNU)	(mg/l)	(µg/l)
2009-08-08	0.5	1.7	1.5	23.7	10.6	125	8.3	15	0.7	<10	11	610	<5	41	0.067	5.6	12	30.4
Aug 2008	0.5	1.1	0.9	19.7	10.1	112	7.9	13.4	0.74	<10	<10	900	<2	73	0.060	8.9	11	45
Aug 2007	0.5	1.0	0.8	22.5	11.7	136	8.7	13.4	0.68	<10	<10	1300	<2	57	0.084	12	14	41
Aug 2006	0.5	0.8	0.7	23.0	11.9	140	9.2	12.5	0.68	<10	<10	1500	10	100	0.089	24	13	84