

Table 4.3.1 Water quality at station 1 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	24.6	24.6	24.6
	B	24.8	24.8	24.8
		(26.5)	(26.5)	(26.5)
pH	S	8.0	8.1	8.1
	B	8.0	8.0	8.0
SS (mg/l)	S	-	-	32*
	B	-	-	38*
Salinity (ppt)	S	35.7	35.9	35.8
	B	36.1	36.1	36.1
DO (ml/l)	S	3.8	4.0	3.9
	B	4.0	4.3	4.1
BOD (mg/l)	S	-	-	2.9*
	B	-	-	1.6*
PO ₄ ³⁻ -P (µmol/l)	S	1.3	1.3	1.3
	B	1.8	1.8	1.8
NO ₃ ⁻ -N (µmol/l)	S	5.2	7.5	6.3
	B	6.5	7.1	6.8
NO ₂ ⁻ -N (µmol/l)	S	0.6	0.6	0.6
	B	0.5	0.5	0.5
NH ₄ ⁺ -N (µmol/l)	S	0.4	0.5	0.4
	B	0.7	1.0	0.9
PHc (µg/l)	1m	-	-	1.3*
Phenols (µg/l)	S	-	-	20.2*

Air temperature (°C) given in parenthesis

* Single value

Table 4.3.2 Water quality at station 2 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	25.0	26.5	25.7
	B	24.5	26.0	25.5
		(23.0)	(27.6)	(26.5)
pH	S	7.9	8.1	8.0
	B	7.9	8.1	8.0
SS (mg/l)	S	20	24	22
	B	18	26	22
Salinity (ppt)	S	36.7	38.0	37.2
	B	36.7	37.2	37.0
DO (ml/l)	S	4.5	5.4	4.9
	B	4.0	5.2	4.6
BOD (mg/l)	S	0.3	2.4	1.4
	B	0.3	0.3	0.3
PO ₄ ³⁻ -P (µmol/l)	S	2.5	3.5	2.8
	B	2.0	3.5	2.6
NO ₃ ⁻ -N (µmol/l)	S	5.5	10.6	8.0
	B	6.9	9.6	7.8
NO ₂ ⁻ -N (µmol/l)	S	0.3	0.5	0.4
	B	0.3	0.5	0.4
NH ₄ ⁺ -N (µmol/l)	S	0.1	1.3	0.7
	B	0.4	1.2	0.8
PHc (µg/l)	1m	3.1	1.8	2.5
Phenols (µg/l)	S	18.9	52.5	35.7

Air temperature (°C) given in parenthesis

Table 4.3.3: Water quality at station 3 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	26.0	26.0	26.0
	B	26.0	26.0	26.0
		(29.8)	(29.8)	(29.8)
pH	S	8.0	8.0	8.0
	B	8.1	8.1	8.1
SS (mg/l)	S	-	-	26*
	B	-	-	34*
Salinity (ppt)	S	36.5	36.8	36.7
	B	37.2	37.4	37.3
DO (ml/l)	S	4.3	4.5	4.4
	B	4.3	4.3	4.3
BOD (mg/l)	S	-	-	3.2*
	B	-	-	3.8*
PO ₄ ³⁻ -P (µmol/l)	S	1.5	2.1	1.8
	B	2.4	2.5	2.5
NO ₃ ⁻ -N (µmol/l)	S	5.3	5.4	5.3
	B	5.9	5.9	5.9
NO ₂ ⁻ -N (µmol/l)	S	0.4	0.5	0.5
	B	0.3	0.4	0.3
NH ₄ ⁺ -N (µmol/l)	S	0.3	0.5	0.4
	B	0.7	0.7	0.7
PHc (µg/l)	1m	-	-	1.6
Phenols (µg/l)	S	-	-	16.0*

Air temperature (°C) given in parenthesis

* Single value

Table 4.3.4: Water quality at station 4 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	27.5	27.5	27.5
	B	27.5	27.5	27.5
		(27.0)	(27.0)	(27.0)
pH	S	8.0	8.0	8.0
	B	8.0	8.0	8.0
SS (mg/l)	S	-	-	38*
	B	-	-	34*
Salinity (ppt)	S	35.9	35.9	35.9
	B	35.9	35.9	35.9
DO (ml/l)	S	3.1	3.4	3.2
	B	2.9	2.9	2.9
BOD (mg/l)	S	-	-	1.9*
	B	-	-	<0.2*
PO ₄ ³⁻ -P (µmol/l)	S	1.5	1.5	1.5
	B	1.7	1.7	1.7
NO ₃ ⁻ -N (µmol/l)	S	7.1	8.3	7.7
	B	7.3	8.3	7.8
NO ₂ ⁻ -N (µmol/l)	S	0.3	0.3	0.3
	B	0.2	0.3	0.2
NH ₄ ⁺ -N (µmol/l)	S	0.5	0.9	0.7
	B	0.4	0.9	0.7
PHc (µg/l)	1m	-	-	2.2*
Phenols (µg/l)	S	-	-	3.4*

Air temperature (°C) given in parenthesis

* Single value

Table 4.3.5: Water quality at station 5 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	26.5	26.5	26.5
	B	26.0	26.0	26.0)
		(28.2)	(28.2)	(28.2)
pH	S	8.0	8.1	8.1
	B	8.0	8.1	8.1
SS (mg/l)	S	-	-	30*
	B	-	-	54*
Salinity (ppt)	S	36.8	37.2	37.0
	B	36.7	36.7	36.7
DO (ml/l)	S	4.0	4.3	4.1
	B	4.3	4.3	4.3
BOD (mg/l)	S	-	-	3.2*
	B	-	-	3.8*
PO ₄ ³⁻ -P (µmol/l)	S	1.9	2.2	2.0
	B	2.5	2.5	2.5
NO ₃ ⁻ -N (µmol/l)	S	6.4	6.5	6.4
	B	6.0	6.8	6.4
NO ₂ ⁻ -N (µmol/l)	S	0.2	0.3	0.3
	B	0.3	0.3	0.3
NH ₄ ⁺ -N (µmol/l)	S	0.5	0.8	0.6
	B	0.7	1.0	0.9
PHc (µg/l)	1m	-	-	0.8*
Phenols (µg/l)	S	-	-	6.3*

Air temperature (°C) given in parenthesis

* Single value

Table 4.3.6: Water quality at station 6 off Vandh during December 2008

Parameter	Level	Min	Max	Av
Temperature (°C)	S	26.0	26.0	26.0
	B	24.8	26.5	25.7
		(29.0)	(29.0)	(29.0)
pH	S	8.0	8.0	8.0
	B	8.1	8.1	8.1
SS (mg/l)	S	-	-	32*
	B	-	-	44*
Salinity (ppt)	S	36.5	36.7	36.6
	B	36.5	36.7	36.6
DO (ml/l)	S	4.5	4.5	4.5
	B	4.3	4.5	4.4
BOD (mg/l)	S	-	-	3.2*
	B	-	-	3.5*
PO ₄ ³⁻ -P (µmol/l)	S	1.9	2.1	2.0
	B	2.3	2.5	2.4
NO ₃ ⁻ -N (µmol/l)	S	7.9	8.2	8.0
	B	6.8	8.9	7.9
NO ₂ ⁻ -N (µmol/l)	S	0.3	0.3	0.3
	B	0.2	0.2	0.2
NH ₄ ⁺ -N (µmol/l)	S	0.6	0.8	0.7
	B	0.5	0.5	0.5
PHc (µg/l)	1m	-	-	1.1*
Phenols (µg/l)	S	-	-	5.0*

Air temperature (°C) given in parenthesis

* Single value