

## **Anexo**

Determinações em amostras de água da lagoa de recepção do talhão de erosão 1	2
Determinações em amostras dos reservatórios do talhão de erosão 1	6
Determinações em amostras dos reservatórios do talhão de erosão 2	8
Determinações em amostras dos reservatórios do talhão de erosão 3	9
Determinações nas amostras de água colhidas no rio Enxoé	10

**Quadro 1.** Determinações em amostras de água da lagoa de recepção do talhão de erosão 1.

data de colheita	pH	Cond. eléctrica (mS/cm)	Alcalinidade HCO <sub>3</sub> <sup>-</sup> mg/L	SST	COP	COD (mg/L)	N org.	N-NO <sub>3</sub>	N-NH <sub>4</sub>
03-12-2009	8.48	626.00	128.10				6.62	0.64	0.37
05-01-2010	8.30	244.00	57.95	114.52	4.67	16.35	9.17	1.60	1.53
20-01-2010	7.88	270.00	60.39	28.90	4.47	22.00	3.53	0.68	0.51
05-02-2010	9.50	255.00	44.84	20.00	2.45	32.06	2.58	1.62	0.14
24-02-2010	7.32	285.00	56.43	136.10	5.70	31.01	2.34	3.37	0.13
09-03-2010	7.89	248.00	24.40	133.20	5.43	47.69	1.58	3.14	0.02
09-04-2010	8.05	327.00	82.35	27.86	2.10	14.00	1.11	1.79	0.12
28-04-2010	8.18	290.00	82.35	18.97	1.90	18.73			
27-05-2010	7.43	364.00	100.65	18.23	0.19	22.25	11.01	0.22	0.09
15-10-2010	8.18	426.00	134.20	8.14	1.43	9.42	3.31	0.35	1.16
22-10-2010	8.31	721.00	134.20	30.71	4.87	9.51	1.92	0.01	0.59
29-10-2010	8.01	787.00	137.25	3.40	0.71	10.47	3.20	0.98	0.00
09-11-2010	8.33	462.00	128.10	7.66	1.35	14.76	1.88	0.65	0.93
17-11-2010	8.10	458.00	128.10	23.06	2.20	15.49	2.63	2.05	0.00
24-11-2010	8.30	461.00	122.00	24.10	1.98	14.79	2.68	1.12	0.00
03-12-2010	8.49	461.00	137.25	5.80	1.43	15.69	2.17	1.83	0.00
09-12-2010	8.22	450.00	112.85	26.34	2.38	24.66	2.45	1.97	0.00
15-12-2010	8.37	457.00	122.00	6.80	0.98	16.49	2.54	1.34	0.00
11-01-2011	8.00	374.00	82.35	64.44	4.84	15.07	2.66	2.51	0.36
18-01-2011	8.70	412.00	93.64	18.89	3.18	16.47	2.70	1.20	0.31
27-01-2011	8.22	428.00	91.50	7.11	0.82	21.43	2.04	1.47	0.00
03-02-2011	8.23	429.00	92.42	7.00	0.87	15.39	3.04	1.43	0.28
09-02-2011			96.38	8.82	6.26	15.09			
16-02-2011	7.84	288.00	67.10	160.00	6.26	11.08	1.32	1.44	0.00
23-02-2010	7.98	430.00	91.50	29.19	2.90	18.68	3.11	1.71	0.00
02-03-2011	8.04	421.00	97.60	14.64	1.92	17.15	2.29	1.35	0.00
16-03-2011	7.11	248.00	54.90	115.63	10.34	20.93	2.59	6.35	0.00
23-03-2011	8.21	321.00	82.35	33.00	3.28	18.57	0.66	1.03	0.07
01-04-2011	8.34	338.00	97.60	15.20	1.51	19.76	1.75	0.00	0.09
08-04-2011	8.35	347.00	85.40	4.20	1.05	12.37	1.14	0.88	0.04
14-04-2010	8.42	355.00	82.35	23.73	3.04	16.25	1.58	0.50	0.06
20-04-2010	8.49	557.00	94.55	7.00	1.17	17.24	1.52	1.18	0.04
27-04-2010	8.42	353.00	85.40	10.60	1.63	17.48	1.77	0.97	0.10
03-05-2011	8.03	359.00	79.30	15.20	1.60	17.21	2.34	0.74	0.08
11-03-2011	8.61	369.00	85.40	8.60	1.16	27.24	2.13	0.18	0.75
19-05-2011	9.41	360.00	88.45	2.60	1.82	16.81	2.05	0.42	0.15
26-05-2011	8.01	363.00	88.45	29.00	10.94	26.74	1.91	0.68	0.00
01-06-2011	7.32	453.00	88.45	83.33	33.50	29.46	6.27	4.34	0.50
16-06-2011	8.17	403.00	91.50	44.21	10.28	28.03	0.74	2.77	0.00
12-07-2011	9.48	403.00	91.50	12.70	4.90	30.78	0.43	1.71	0.00

**Quadro 1.** Determinações em amostras de água da Lagoa de Recepção do Talhão 1 (Montado semeado) (continuação)

<b>data de colheita</b>	<b>pH</b>	<b>Cond. eléctrica (mS/cm)</b>	<b>Alcalinidade HCO<sub>3</sub><sup>-</sup> mg/L</b>	<b>SST</b>	<b>COP</b>	<b>COD</b>	<b>N org. (mg/L)</b>	<b>N-NO<sub>3</sub></b>	<b>N-NH<sub>4</sub></b>
10-11-2011	8.15	473.00	60.39	1.90	0.66	10.79	3.84	2.20	0.02
25-11-2011	8.13	480.00	58.56	5.60	0.98	14.43	3.95	2.55	0.08
26-01-2012	7.85	510.00	47.28	138.67	16.92	9.90	5.51	1.98	0.21
05-04-2012	8.50	530.00	52.46	3.00	0.71	3.84	4.39	0.73	0.00
09-05-2012	8.13	551.00	50.33	122.33	10.70	14.64	6.89	1.01	0.00
27-09-2012	8.00	646.00	63.44	7103.50	373.93	22.85	3.36	0.23	3.45
19-10-2012	8.23	616.00	49.41	471.50	17.85	23.96	0.00	4.23	0.06
30-10-2012	8.17	616.00	52.16	114.50	7.73	26.12	0.00	3.12	1.15
09-11-2012	7.92	287.00	21.35	401.50	12.40	21.07	15.77	1.74	0.33
15-11-2012	8.36	600.00	45.14	13.83	1.60	24.36	5.19	6.70	0.22
21-11-2012	8.37	518.00	43.01	46.25	4.89	18.09	1.42	1.77	3.96
13-12-2012	8.24	493.00	39.65	22.75	2.37	16.95	1.08	0.00	0.01
24-01-2013	8.91	369.00	29.89	22.00	1.72	15.21	2.00	2.30	0.00
14-02-2013	8.48	479.00	41.18	15.83	1.67	15.26	1.31	2.01	0.00
28-02-2013	8.84	470.00	37.52	9.62	0.97	14.92	0.91	3.15	0.06
08-03-2013	8.09	158.40	17.69	66.67	3.57	15.50	1.77	0.56	0.03
18-03-2013	8.20	262.00	28.98	26.50	1.81	14.13	1.54	2.05	0.07
09-04-2013-	8.13	270.00	33.86	31.00	2.22	14.01	2.59	0.79	0.02
16-04-2013	8.05	262.00	28.98	13.75	1.45	15.24	3.68	0.00	0.08
21-05-2013	8.06	304.00	35.08	12.75	1.75	14.57	2.98	0.62	0.10

**Quadro 1.** Determinações em amostras de água da Lagoa de Recepção do Talhão 1 (continuação)

<b>data de colheita</b>	<b>N Total solúvel</b>	<b>P total</b>	<b>P total solúvel</b>	<b>P-PO<sub>4</sub></b>	<b>Cl</b>	<b>Ca</b>	<b>Mg</b>	<b>Na</b>	<b>K</b>	<b>Fe</b>
					<b>(mg/L)</b>					
03-12-2009	7.62	3.16		2.02	118.54					
05-01-2010	12.30	1.63	1.04	0.46	38.31					
20-01-2010	4.72	1.76	1.74	0.36	33.54	23.18	5.94	17.62	10.18	0.16
05-02-2010	4.34	0.74	0.46	0.00	40.04	29.52	7.54	19.82	10.32	nd
24-02-2010	5.84	1.50	1.42	1.23	35.06	25.88	6.74	16.10	8.86	0.05
09-03-2010	4.74	1.06	0.80	0.00	28.10	24.42	6.54	15.08	6.72	6.54
09-04-2010	3.02	1.41	1.37	1.06	30.70	30.38	7.90	17.88	9.98	0.04
28-04-2010		1.37	1.37	1.17	45.73	27.58	7.36	16.82	7.56	0.03
27-05-2010	11.32	1.70	1.50	1.47	21.77	30.94	8.06	23.96	8.00	0.01
15-10-2010	4.82	1.51	1.26	1.28	35.06	41.62	11.12	16.30	15.70	0.04
22-10-2010	3.52	1.75	1.33	0.78	35.06	43.98	11.86	13.20	13.48	0.05
29-10-2010	4.18	3.23	1.94	1.30	33.54	41.52	12.24	14.00	14.52	0.11
09-11-2010	3.46	2.86	1.48	1.24	33.54	42.38	11.32	12.80	15.42	0.25
17-11-2010	4.68	4.09	1.51	1.17	41.86	42.66	11.40	14.70	14.46	0.05
24-11-2010	3.80	3.57	1.26	1.08	41.86	41.22	11.32	13.60	14.82	0.03
03-12-2010	4.00	3.54	0.98	0.95	47.81	41.52	12.24	14.00	14.52	0.01
09-12-2010	4.42	1.28	1.05	1.05	44.40	56.12	12.14	23.12	16.24	0.38
15-12-2010	3.88	4.42	1.06	0.95	52.23	56.58	12.30	21.96	17.32	0.03
11-01-2011	5.53	1.14	1.13	0.99	48.85	47.28	10.58	24.00	13.96	0.45
18-01-2011	4.21	1.08	1.05	1.05	48.85	40.46	9.92	23.90	13.62	0.55
27-01-2011	3.51	1.18	0.99	0.95	58.01	40.06	10.04	24.30	12.46	0.33
03-02-2011	4.75	0.96	0.86	0.48	60.69	40.94	10.16	24.65	12.74	0.45
09-02-2011						42.68	10.68	25.45	12.92	0.47
16-02-2011	2.76	1.13	0.90	0.86	26.27	22.38	6.48	19.16	13.95	1.04
23-02-2010	4.82	1.01	1.01	0.62	33.47	39.46	9.76	27.00	12.22	0.46
02-03-2011	3.64	1.18	1.10	0.95	38.81	40.02	10.04	27.75	12.06	0.16
16-03-2011	8.94	1.66	1.22	1.11	24.89	18.52	4.72	13.86	6.28	1.41
23-03-2011	1.76	1.15	1.08	1.01	34.21	29.60	7.64	17.00	9.94	1.08
01-04-2011	1.84	1.26	1.21	1.05	59.37	32.96	8.52	23.92	11.18	0.53
08-04-2011	2.06	1.53	1.19	1.13	38.20	32.62	8.76	24.75	12.38	0.21
14-04-2010	2.14	1.47	1.24	1.09	66.29	33.74	9.08	25.55	12.50	0.03
20-04-2010	2.74	1.38	0.50	0.30	108.87	31.44	8.24	25.05	13.32	0.03
27-04-2010	2.84	1.53	1.35	1.14	29.45	33.72	9.44	22.40	12.84	0.05
03-05-2011	3.16	1.72	1.28	1.16	33.37	33.20	9.52	19.85	11.84	0.06
11-03-2011	3.06	1.23	1.08	1.04	30.71	34.06	10.00	23.35	12.08	0.04
19-05-2011	2.62	1.36	0.55	0.48	32.01	36.70	9.92	21.54	12.78	0.01
26-05-2011	2.59	1.16	0.12	0.06	28.25	35.84	8.44	23.10	13.34	0.02
01-06-2011	11.11	1.99	0.91	0.57	29.75	33.12	9.18	16.35	11.78	0.02
16-06-2011	3.51	0.59	0.32	0.21	32.98	33.46	9.96	17.25	12.26	0.03
12-07-2011	2.14	0.64	0.31	0.21	47.20	36.00	8.64	56.10	16.58	0.02

**Quadro 1.** Determinações em amostras de água da Lagoa de Recepção do Talhão 1 (continuação)

<b>data de colheita</b>	<b>N Total solúvel</b>	<b>P total</b>	<b>P total solúvel</b>	<b>P-PO<sub>4</sub></b>	<b>Cl</b>	<b>Ca</b>	<b>Mg</b>	<b>Na</b>	<b>K</b>	<b>Fe</b>
<b>(mg/L)</b>										
10-11-2011	6.06	1.44	1.25	1.10	25.58	39.75	11.21	32.20	16.42	0.08
25-11-2011	6.58	1.40	1.13	1.06	31.00	40.25	0.00	28.75	15.64	0.14
26-01-2012	7.70	1.09	0.88	0.85	37.57	42.09	11.82	28.75	15.64	0.06
05-04-2012	5.12	0.93	0.81	0.85	50.73	48.46	12.32	25.80	22.80	0.00
09-05-2012	7.90	1.91	1.56	1.33	56.56	49.04	13.56	28.05	21.85	0.00
27-09-2012	7.04	7.27	2.59	1.50	91.24	26.27	19.57	49.88	17.14	0.04
19-10-2012	4.29	4.89	2.45	2.05	91.24	26.94	17.35	50.73	16.65	0.00
30-10-2012	4.27	3.13	2.29	2.04	96.38	27.16	17.31	49.00	16.28	0.00
09-11-2012	17.84	6.57	2.59	1.73	14.53	20.38	5.68	12.74	15.32	0.34
15-11-2012	12.11	1.17	0.99	0.31	61.03	39.40	14.45	67.54	28.58	0.14
21-11-2012	7.15	3.22	2.69	2.39	43.36	43.60	4.74	26.70	18.77	0.00
13-12-2012	1.09	1.98	1.67	1.57	63.03	33.16	12.94	48.40	35.97	0.35
24-01-2013	4.30	1.21	0.97	0.81	46.18	27.07	9.58	23.45	11.39	0.12
14-02-2013	3.32	1.67	1.10	0.97	59.84	37.83	13.95	25.04	13.96	0.50
28-02-2013	4.12	2.17	0.99	0.95	28.53	37.07	12.09	22.57	8.09	0.15
08-03-2013	2.36	0.58	0.30	0.20	6.73	12.72	1.44	5.01	1.80	0.14
18-03-2013	3.66	1.92	1.96	1.08	14.20	23.36	6.21	12.48	8.14	0.27
09-04-2013-	3.40	1.60	1.40	1.34	26.87	22.99	6.54	9.38	7.37	0.20
16-04-2013	3.76	1.57	1.17	1.09	30.81	22.68	7.11	9.94	8.47	0.40
21-05-2013	3.70	2.15	1.46	1.13	40.50	27.79	8.42	17.01	8.46	0.00

**Quadro 2.** Determinações em amostras dos reservatórios do talhão de erosão 1 (montado em solo derivado de granito)

data de colheita	pH	Cond. eléctrica	Alcalinid.	SST	COP	COD	N org.	N-NO <sub>3</sub>	N-NH <sub>4</sub>
		(mS/cm)	HCO <sub>3</sub> -mg/L						
03-12-2009	8.29	154.00	30.50	s/amostra			1.70	1.25	0.27
05-01-2010	7.68	75.67	20.03	3476.83	133.92	18.99	2.68	0.72	0.59
20-01-2010	7.75	50.85	14.34	148.15	7.90	21.60	2.36	1.36	0.56
24-02-2010	7.14	59.33	15.45	254.93	15.67	25.90	1.82	0.85	0.16
09-03-2010	7.66	122.33	44.73	487.13	24.95	17.33	2.23	0.00	0.57
09-04-2010	7.78	103.33	46.77	421.93	21.30	14.00	1.66	2.73	0.11
28-04-2010	6.92	52.33	17.28	9.93	1.10	15.49	3.51	0.47	0.05
15-10-2010	7.75	380.33	45.75	132.07	7.21	32.92	4.97	0.19	1.06
09-12-2010	7.24	53.07	28.47	780.48	27.53	15.42	1.69	1.23	0.00
11-01-2011	7.46	86.10	14.84	56.98	3.68	15.52	1.75	1.59	0.00
16-02-2011	7.37	46.80	30.50	160.00	6.63	7.75	0.98	1.34	0.00
16-03-2011	7.32	68.83	26.43	15.74	1.89	19.76	2.20	1.22	0.00
20-04-2010	8.01	153.00	61.00	37.50	5.51	20.06	1.83	0.00	6.57
20-10-2011	6.60	86.90	13.73	749.00	6.15	7.84	3.60	2.85	0.07
10-11-2011	6.99	62.13	7.42	2487.17	30.36	1.90	3.07	1.55	0.05
25-11-2011	7.19	73.77	6.91	6100.50	21.35	4.99	3.91	1.94	0.06
09-11-2012	7.72	113.30	6.00	5050.00	145.30	16.05	6.67	1.15	1.29
15-11-2012	7.38	158.50	4.88	584.00	20.10	15.40	5.02	7.99	0.46
21-11-2012	7.45	186.13	7.22	786.06	26.19	14.98	10.86	4.29	0.59
24-01-2013	8.23	144.00	4.58	2311.00	75.15	12.87	4.54	0.29	0.09
08-03-2013	6.96	55.20	9.15	884.33	33.16	19.43	3.88	2.99	0.59
18-03-2013	7.12	59.43	11.29	183.58	7.82	23.03	4.22	0.41	0.07
09-04-2013	7.43	76.30	15.15	341.50	14.84	16.03	2.64	0.05	0.06

**Quadro 2.** Determinações em amostras dos reservatórios do talhão de erosão 1 (montado em solo derivado de granito (continuação))

data de colheita	N Total solúvel	P total	P total solúvel	P-PO <sub>4</sub>	(mg/L)					
					Cl	Ca	Mg	Na	K	Fe
03-12-2009	3.22									
05-01-2010	4.00	1.07	0.31	0.21	11.97					0.41
20-01-2010	4.27	0.40	0.22	0.05	9.10	3.85	1.25	6.12	0.34	0.31
24-02-2010	2.83	0.71	0.18	0.17	8.96	5.90	1.87	6.53	1.45	0.47
09-03-2010	2.79	0.49	0.18	0.16	14.15	5.61	1.99	7.51	2.85	0.35
09-04-2010	4.50	0.35	0.27	0.20	16.12	6.71	2.37	8.92	1.87	0.18
28-04-2010	4.03	1.34	0.22	0.12	10.06	4.17	1.81	4.55	2.60	0.37
15-10-2010	6.22	3.02	2.45	1.41	14.75	6.30	1.07	5.92	22.43	0.62
09-12-2010	2.91	1.52	0.41	0.26	8.16	1.70	0.58	5.39	5.02	0.21
11-01-2011	3.34	0.21	0.15	0.08	10.94	4.00	1.74	10.45	4.96	0.26
16-02-2011	2.32	0.23	0.20	0.17	8.50	2.88	0.70	8.20	2.10	0.27
16-03-2011	3.42	1.03	0.29	0.25	8.72	6.80	1.23	6.87	3.95	0.78
20-04-2010	8.40	2.63	2.39	1.46	8.90	1.94	0.72	9.20	15.28	0.16
20-10-2011	6.52	2.93	2.41	1.59	4.25	2.03	0.49	4.60	12.51	0.66
10-11-2011	4.67	3.12	0.52	0.50	2.82	0.94	0.03	2.53	5.34	0.23
25-11-2011	5.91	5.50	0.20	0.20	3.82	2.81	0.89	4.29	5.21	0.25
09-11-2012	9.11	3.42	1.75	0.31	2.78	6.05	1.24	9.65	6.48	0.25
15-11-2012	13.47	0.83	0.59	0.35	4.54	5.14	2.64	8.98	7.41	0.10
21-11-2012	15.74	0.57	0.28	0.15	8.19	8.93	2.56	29.70	8.14	0.05
24-01-2013	4.92	2.86	2.56	2.14	13.31	10.71	2.65	6.84	6.11	0.37
08-03-2013	7.46	0.72	0.49	0.46	3.43	3.24	0.37	3.75	2.82	0.22
18-03-2013	4.70	0.53	0.23	0.12	2.51	3.40	0.50	4.26	1.11	0.30
09-04-2013	2.75	0.42	0.17	0.14	4.81	4.39	1.81	5.57	2.31	0.20

**Quadro 3.** Determinações em amostras dos reservatórios do talhão de erosão 2 (olival)

data de colheita	pH	Cond. eléctrica (mS/cm)	Alcalinid. HCO <sub>3</sub> mg/L	SST	COP	COD (mg/L)	N org.	N-NO <sub>3</sub>	N-NH <sub>4</sub>
05-01-2010	8.15	1183.00	61.20	3204.44	101.88	7.15	0.37	0.77	0.45
20-01-2010	7.88	267.00	58.26	2813.13	89.43	18.00	3.53	0.68	0.51
24-02-2010	7.44	131.00	38.74	994.85	27.49	24.07	1.63	1.06	0.16
09-03-2010	8.19	161.00	70.15	554.50	16.64	28.58	0.40	0.00	0.76
28-04-2010	7.57	234.00	91.50	1212.73	36.60	25.42	4.71	0.29	3.88
02-11-2010	7.78	274.00	79.30	3834.74	212.18	18.30	9.43	0.37	3.35
09-12-2010	8.20	208.00	61.00	4551.74	149.11	8.25	0.73	0.47	0.00
11-01-2011	8.05	211.00	63.75	1708.75	58.97	4.49	1.03	0.55	0.00
16-02-2011	7.71	162.60	39.65	577.27	11.45	3.84	2.91	1.05	0.00
16-03-2011	8.03	205.00	39.65	793.50	21.92	12.31	7.24	0.68	0.00
20-04-2011	8.08	150.50	53.38	1085.58	26.01	10.40	1.28	0.45	0.21
10-11-2011	7.82	259.40	32.03	14376.83	471.48	6.07	3.48	0.89	0.22
09-11-2012	8.17	629.00	85.40	1895.00	157.61	63.81	10.99	0.30	18.13
24-01-2013	8.82	363.00	38.13	2146.00	117.47	10.92	1.30	1.53	0.03
08-03-2013	8.34	247.00	25.01	575.00	24.38	5.50	3.35	1.40	0.09
09-04-2013	7.87	245.00	40.26	1023.50	44.47	13.10	3.72	2.05	0.07

**Quadro 3.** Determinações em amostras dos reservatórios do talhão de erosão 2 (olival) (continuação)

data de colheita	N Total solúvel	P total	P total solúvel	P-PO <sub>4</sub>	Cl	Ca	Mg	Na	K	Fe
05-01-2010	1.60	2.71	0.10	0.02	4.70					0.37
20-01-2010	4.72	0.95	0.32	0.02	5.22	55.42	12.46	<b>2.18</b>	0.94	0.04
24-02-2010	2.84	1.72	0.02	0.01	8.51	56.50	12.67	2.50	1.53	0.05
09-03-2010	1.16	1.01	0.25	0.20						0.04
28-04-2010	8.88	2.66	0.77	0.75	8.51	45.88	11.02	3.64	3.16	0.84
02-11-2010	13.38	3.30	1.74	1.06	7.23	30.06	1.52	1.84	9.50	0.57
09-12-2010	1.20	4.18	0.32	0.22	4.81	37.90	0.88	3.20	2.94	0.27
11-01-2011	1.58	2.87	0.47	0.47	7.72	45.12	1.26	4.06	3.32	0.58
16-02-2011	3.96	0.58	0.17	0.15	7.02	18.50	0.40	5.54	1.71	0.75
16-03-2011	7.92	0.95	0.18	0.17	5.13	23.70	0.52	3.46	0.98	0.98
20-04-2011	1.93	2.43	0.12	0.12	5.07	29.20	1.10	3.73	2.18	1.33
10-11-2011	4.58	0.58	0.13	0.10	2.39	31.26	0.49	1.50	1.37	0.33
09-11-2012	29.42	6.37	6.12	1.84	12.67	103.65	3.04	46.36	71.82	5.08
24-01-2013	2.86	2.95	2.63	2.39	24.79	39.79	2.24	6.50	19.17	0.12
08-03-2013	4.84	1.26	1.19	1.22	7.15	20.62	0.42	5.15	12.15	0.00
09-04-2013	5.84	3.26	2.82	2.59	6.01	30.89	1.92	1.69	18.82	0.06



**Quadro 4.** Determinações em amostras dos reservatórios do talhão de erosão 3 (montado em solo derivado de xisto).

data de colheita	pH	Cond. eléctrica (mS/cm)	Alcalinid.	SST	COP	COD	N org.	N-NO <sub>3</sub>	N-NH <sub>4</sub>
			HCO <sub>3</sub> mg/L						
26-01-2012	7.71	314.00	22.88	188.50	20.26	17.86	7.82	0.65	0.65
09-05-2012	8.12	140.00	14.95	207.00	24.82	14.36	4.87	0.49	0.00
30-10-2012	7.52	54.60	8.69	50.83	5.27	16.83	0.00	1.21	0.18
09-11-2012	7.41	40.20	6.10	1247.50	39.45	15.40	5.09	0.00	0.45
15-11-2012	7.34	38.10	5.80	17.60	2.21	7.81	0.15	3.35	0.13
21-11-2012	7.30	58.40	8.39	39.33	2.39	6.38	2.16	3.62	0.15
13-12-2012	7.49	7.49	7.63	168.06	8.27	6.35	4.01	0.42	0.04
24-01-2013	8.34	62.70	8.24	168.33	7.97	7.18	1.23	0.43	0.26
28-02-2013	7.78	95.50	16.78	388.00	17.67	5.00	3.79	1.89	0.04
08-03-2013	7.81	88.30	13.73	123.50	6.04	5.43	2.14	1.12	0.08
18-03-2013	7.75	122.30	16.47	18.67	2.12	12.72	1.52	1.20	0.10
09-04-2013	7.49	71.30	12.81	14.67	1.93	10.81	3.30	0.00	0.06
16-04-2013	6.55	166.90	32.03	106.00	18.85	17.28	19.18	14.60	0.62

**Quadro 4.** Determinações em amostras dos reservatórios do talhão de erosão 3 (montado em solo derivado de xisto) (continuação)

data de colheita	N Total solúvel	P total	P total solúvel	P-PO <sub>4</sub>	Cl	Ca	Mg	Na	K	Fe
26-01-2012	9.12	0.84	0.70	0.44	21.10	20.09	8.73	16.56	10.17	1.22
09-05-2012	5.36	0.38	0.25	0.26	9.38	13.39	3.04	16.50	9.90	0.03
30-10-2012	1.39	0.81	0.35	0.32	5.64	2.59	1.38	3.06	15.79	0.70
09-11-2012	5.53	0.92	0.50	0.22	2.86	1.24	0.61	1.30	1.66	0.33
15-11-2012	3.63	0.60	0.58	0.30	1.01	1.20	1.38	21.86	2.01	0.45
21-11-2012	5.92	0.13	0.43	0.30	1.33	3.86	1.80	1.10	2.84	0.05
13-12-2012	4.46	0.16	0.12	0.06	10.27	4.03	2.29	4.02	3.18	0.07
24-01-2013	1.92	0.31	0.13	0.120	4.04	6.23	2.69	12.19	1.57	0.19
28-02-2013	5.72	0.45	0.22	0.13	6.34	5.12	2.78	3.51	4.35	1.45
08-03-2013	3.34	1.29	0.52	0.51	3.92	4.49	2.17	2.65	5.79	0.56
18-03-2013	2.82	0.65	0.35	0.33	4.70	8.53	2.77	3.85	5.92	1.02
09-04-2013	3.36	0.43	0.18	0.16	4.54	2.76	2.59	2.26	2.59	0.53
16-04-2013	34.40	1.07	0.92	0.73	11.05	2.65	4.57	3.97	7.34	0.38

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia.

Data de colheita	Hora de colheita	Método amostragem	Período de cheia	pH	Condução eléctrica (µS/cm)	Alcalinidade (mgHCO <sub>3</sub> -/L)	[POC] (g/L)	[DOC] (g/L)	[SSC] (mg/L)
2009-12-22	20:17:31	Sampler	Y	8.25	689	156.160	0.0025	0.0171	13.33
2009-12-23	01:57:52	Sampler	Y	8.20	536	113.053	0.0032	0.0126	30.00
2009-12-23	02:05:41	Sampler	Y	7.75	341	70.963	0.0090	0.0108	119.58
2009-12-23	02:12:40	Sampler	Y	7.88	280	56.933	0.0131	0.0094	215.00
2009-12-23	02:20:50	Sampler	Y	7.83	271	58.153	0.0063	0.0091	109.00
2009-12-23	02:36:19	Sampler	Y	7.72	238	56.323	0.0087	0.0083	163.44
2009-12-23	02:43:12	Sampler	Y	7.83	345	63.643	0.0071	0.0129	134.00
2009-12-23	02:46:59	Sampler	Y	7.67	226	53.273	0.0066	0.0434	149.00
2010-01-20	10:17:31	Manual	N	8.22	761	151.178	0.0010	0.0250	4.43
2010-02-05	11:27:52	Manual	N	8.49	826	158.600	0.0013	0.0294	6.34
2010-02-24	10:15:41	Manual	N	7.98	489	148.555	0.0016	0.0216	29.93
2010-03-09	10:14:40	Manual	N	7.94	372	98.617	0.0024	0.0212	28.64
2010-03-25	10:20:54	Manual	N	8.22	738	174.867	0.0014	0.0504	19.70
2010-04-09	11:06:19	Manual	N	8.24	701	198.758	0.0010	0.0475	10.87
2010-04-28	10:43:15	Manual	N	8.32	771	211.975	0.0009	0.0372	8.62
2010-05-27	10:46:59	Manual	N	7.99	814	188.592	0.0011	0.0142	2.02
2010-06-22	10:18:40	Manual	N	7.81	924	173.342	0.0012	0.0234	5.10
2010-10-08	20:54:44	Sampler	Y	8.55	916	119.153	0.0028	0.0125	149.00
2010-10-08	21:00:36	Sampler	Y	8.28	910	115.900	0.0400	0.0105	1.64
2010-10-08	21:03:39	Sampler	Y	8.09	301	76.453	0.0555	0.0087	5.68
2010-10-08	21:09:54	Sampler	Y	8.05	248	85.603	0.0321	0.0087	7.80
2010-10-08	21:45:25	Sampler	Y	8.80	259	88.653	0.0150	0.0070	2.44
2010-10-08	23:19:36	Sampler	Y	8.14	321	66.897	0.0089	0.0078	4.35
2010-10-09	01:15:25	Sampler	Y	8.18	430	103.700	0.0067	0.0080	3.75
2010-10-09	03:55:04	Sampler	Y	7.78	561	122.000	0.0060	0.0100	188.57
2010-10-15	09:47:30	Manual	N	8.08	950	237.900	0.0067	0.0157	83.79
2010-10-22	10:30:15	Manual	N	8.48	1009	236.883	0.0028	0.0089	60.46
2010-10-29	10:14:20	Manual	N	8.04	1047	228.750	0.0019	0.0098	17.24
2010-10-29	15:17:43	Sampler	Y	7.85	598	82.350	0.0889	0.0076	1398.33
2010-10-29	15:22:28	Sampler	Y	8.03	395	64.050	0.0734	0.0063	1349.20
2010-10-29	15:26:36	Sampler	Y	7.96	343	85.400	0.0387	0.0065	731.15
2010-10-29	16:02:55	Sampler	N	8.13	442	79.300	0.0118	0.0071	220.33
2010-10-29	16:28:10	Sampler	N	7.79	406	128.100	0.0039	0.0068	61.70
2010-10-30	19:10:35	Sampler	N	7.57	544	79.300	0.0107	0.0083	70.71
2010-10-30	19:15:20	Sampler	N	7.91	346	79.300	0.0029	0.0050	37.33
2010-10-30	19:18:09	Sampler	N	8.11	283	64.050	0.0099	0.0065	190.00
2010-10-30	19:20:49	Sampler	N	8.06	240	51.850	0.0195	0.0052	417.69
2010-10-30	19:24:03	Sampler	N	7.97	232	54.900	0.0200	0.0069	463.89
2010-10-30	19:29:32	Sampler	N	8.16	210	45.750	0.0216	0.0046	531.00
2010-10-30	20:50:03	Sampler	N	8.25	234	45.750	0.0096	0.0057	324.29
2010-10-30	21:32:15	Sampler	Y	8.29	342	61.000	0.0152	0.0184	413.85
2010-10-31	13:51:36	Sampler	Y	8.34	418	103.700	0.0069	0.0049	115.77
2010-11-01	14:25:11	Sampler	Y	8.58	721	183.000	0.0039	0.0057	76.39
2010-11-01	20:55:50	Sampler	Y	8.57	758	198.250	0.0059	0.0072	135.48
2010-11-02	09:47:35	Manual	N	8.37	447	143.350	0.0005	0.0078	5.95
2010-11-02	04:49:25	Sampler	N	8.27	799	210.450	0.0012	0.0068	13.30

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóe, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	Hora de colheita	Método amostr.	Período de cheia	pH	Condut. eléctrica (µS/cm)	Alcalinidade (mgHCO <sub>3</sub> <sup>-</sup> /L)	[POC] (g/L)	[DOC] (g/L)	[SSC] (mg/L)
2010-11-02	12:09:11	Sampler	N	8.03	782	204.350	0.0082	0.0094	154.51
2010-11-02	14:03:07	Sampler	N	8.09	816	213.500	0.0045	0.0074	65.56
2010-11-09	09:57:20	Manual	N	8.38	859	143.350	0.0014	0.0129	12.80
2010-11-17	09:42:38	Manual	N	8.58	895	183.610	0.0006	0.0113	6.19
2010-11-24	10:11:33	Manual	N	8.46	826	158.600	0.0021	0.0105	7.49
2010-12-03	09:58:20	Manual	N	8.52	928	200.690	0.0007	0.0132	6.55
2010-12-09	10:17:25	Manual	N	8.36	655	136.640	0.0012	0.0136	22.51
2010-12-15	10:11:35	Manual	N	8.55	992	199.470	0.0005	0.0136	4.07
2011-01-11	09:58:35	Manual	N	8.42	723	155.855	0.0014	0.0142	20.74
2011-01-18	09:37:30	Manual	N	8.16	834	192.760	0.0009	0.0111	10.34
2011-01-27	09:35:36	Manual	N	8.55	816	172.223	0.0006	0.0104	4.07
2011-02-09	10:23:35	Manual	N	8.51	837	141.927	0.0007	0.0067	13.40
2011-02-09	10:20:35	Manual	N	8.41	854	202.927	0.0010	0.0105	18.30
2011-02-15	05:26:35	Sampler	Y	8.43	665	158.600	0.0028	0.0069	45.13
2011-02-15	05:31:27	Sampler	Y	8.07	498	109.800	0.0008	0.0052	10.50
2011-02-15	05:35:37	Sampler	Y	8.33	469	97.600	0.0019	0.0049	40.00
2011-02-15	05:42:47	Sampler	Y	7.80	472	97.600	0.0012	0.0059	24.50
2011-02-15	15:34:50	Sampler	Y	8.21	475	109.800	0.0017	0.0141	29.77
2011-02-15	17:27:12	Sampler	Y	8.22	445	97.397	0.0031	0.0138	65.12
2011-02-15	21:47:00	Sampler	N	7.93	267	97.600	0.0093	0.0133	317.14
2011-02-16	10:15:10	Manual	N	7.85	266	61.813	0.0183	0.0064	48.95
2011-02-16	12:54:42	Sampler	N	8.04	266	60.797	0.0059	0.0132	192.86
2011-02-16	13:43:32	Sampler	N	7.82	273	63.847	0.0054	0.0146	177.00
2011-02-16	14:29:51	Sampler	N	8.08	460	103.903	0.0051	0.0137	125.24
2011-02-16	18:26:18	Sampler	N	8.35	526	115.900	0.0035	0.0135	75.00
2011-02-23	10:05:25	Manual	N	8.37	764	191.642	0.0037	0.0150	114.43
2011-03-02	10:05:20	Manual	N	8.28	808	198.250	0.0007	0.0200	6.80
2011-03-14	03:14:35	Sampler	Y	8.61	717	176.900	0.0049	0.0135	80.63
2011-03-14	03:25:06	Sampler	Y	8.48	433	109.800	0.0049	0.0139	115.63
2011-03-14	03:43:40	Sampler	Y	8.43	369	97.600	0.0046	0.0143	128.13
2011-03-14	05:37:54	Sampler	Y	8.37	318	85.400	0.0061	0.0151	147.22
2011-03-14	05:56:21	Sampler	Y	8.44	369	100.650	0.0085	0.0136	206.00
2011-03-14	06:13:06	Sampler	Y	8.31	345	94.550	0.0079	0.0129	211.58
2011-03-14	08:52:21	Sampler	Y	8.16	203	54.900	0.0071	0.0144	192.78
2011-03-14	09:48:06	Sampler	Y	8.09	221	61.000	0.0052	0.0157	139.50
2011-03-16	10:28:20	Manual	N	8.27	617	148.433	0.0010	0.0153	15.49
2011-03-23	10:17:25	Manual	N	8.51	767	183.508	0.0021	0.0134	16.53
2011-04-01	09:11:35	Manual	N	8.53	785	205.875	0.0030	0.0152	23.80
2011-04-08	09:58:35	Manual	N	8.52	832	131.150	0.0007	0.0135	6.87
2011-04-14	10:20:40	Manual	N	8.38	887	114.883	0.0014	0.0136	12.22
2011-04-19	13:37:20	Sampler	Y	8.38	364	97.600	0.0194	0.0123	266.75
2011-04-19	14:25:51	Sampler	Y	8.44	524	91.500	0.0102	0.0121	169.44
2011-04-19	16:00:14	Sampler	Y	8.37	397	122.000	0.0056	0.0115	126.13
2011-04-19	16:03:52	Sampler	Y	8.44	603	122.000	0.0233	0.0147	446.50
2011-04-19	16:08:36	Sampler	Y	8.45	739	137.250	0.0108	0.0161	206.32
2011-04-19	17:52:37	Sampler	Y	8.32	342	79.333	0.0016	0.0119	30.83

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	Hora de colheita	Método amostragem	Período de cheia	pH	Condut. eléctrica (µS/cm)	Alcalinidade (mgHCO <sub>3</sub> <sup>-</sup> /L)	[POC] (g/L)	[DOC] (g/L)	[SSC] (mg/L)
2011-04-19	18:17:45	Sampler	Y	8.14	331	82.350	0.0642	0.0118	1447.89
2011-04-19	19:12:04	Sampler	Y	8.31	299	76.250	0.0642	0.0118	1447.89
2011-04-20	09:25:40	Manual	N	8.45	472	194.692	0.0048	0.0135	237.24
2011-04-20	20:45:46	Sampler	Y	8.46	423	106.750	0.0099	0.0181	215.63
2011-04-21	00:00:24	Sampler	Y	8.44	401	91.500	0.0099	0.0181	215.63
2011-04-27	09:25:40	Manual	N	8.69	816	194.692	0.0057	0.0159	19.20
2011-05-03	10:11:35	Manual	N	8.12	425	100.650	0.0025	0.0144	42.76
2011-05-11	09:50:35	Manual	N	8.43	824	200.792	0.0057	0.0129	29.32
2011-05-19	09:55:20	Manual	N	8.27	642	144.367	0.0077	0.0139	85.72
2011-05-26	09:52:35	Manual	N	8.14	836	202.317	0.0023	0.0128	28.13
2011-06-01	10:15:10	Manual	N	8.31	826	198.758	0.0010	0.0177	10.73
2011-06-16	10:28:20	Manual	N	8.31	804	190.117	0.0011	0.0169	7.47
2011-06-28	09:40:35	Manual	N	8.02	796	185.542	0.0012	0.0182	9.23
2011-07-12	09:30:15	Manual	N	8.09	965	203.333	0.0058	0.0220	40.29
2011-10-20	09:45:35	Manual	N	7.71	848	80.571	0.0053	0.0110	89.60
2011-10-26	19:50:06	Sampler	Y	8.09	344	45.750	0.0045	0.0013	64.75
2011-10-26	20:05:06	Sampler	Y	8.15	218	28.975	0.0112	0.0002	229.00
2011-10-26	20:20:06	Sampler	Y	8.24	317	38.125	0.0024	0.0000	44.83
2011-10-26	20:35:06	Sampler	Y	8.23	187	25.925	0.0094	0.0009	225.25
2011-11-10	10:15:20	Manual	N	8.23	799	79.808	0.0010	0.0061	16.68
2011-11-25	10:05:10	Manual	N	8.41	838	103.293	0.0006	0.0047	13.63
2011-12-02	09:15:30	Manual	N	8.48	848	104.208	0.0021	0.0041	18.44
2012-01-26	09:55:10	Manual	N	8.28	876	83.214	0.0054	0.0022	44.98
2012-04-05	10:15:20	Manual	N	8.58	810	85.146	0.0014	0.0009	14.65
2012-05-09	10:25:15	Manual	N	8.63	884	98.261	0.0041	0.0040	12.20
2012-10-19	09:22:08	Manual	N	8.10	1818	64.152	0.0072	0.0288	99.91
2012-10-24	10:56:13	Sampler	Y	7.85	231	20.740	0.0216	0.0147	377.50
2012-10-24	11:02:37	Sampler	Y	7.82	188	17.385	0.0122	0.0130	223.50
2012-10-24	11:08:37	Sampler	Y	7.79	176	17.690	0.0146	0.0130	314.00
2012-10-24	11:37:11	Sampler	Y	7.80	183	15.860	0.0059	0.0135	122.00
2012-10-24	11:58:02	Sampler	Y	7.84	208	17.690	0.0073	0.0132	90.00
2012-10-24	15:44:21	Sampler	Y	8.11	373	29.585	0.0021	0.0155	43.00
2012-10-30	09:45:20	Manual	N	8.148	1483	57.238	0.0047	0.0215	51.86
2012-11-02	19:37:28	Sampler	Y	7.98	196	15.860	0.0108	0.0129	221.50
2012-11-02	20:47:15	Sampler	Y	8.07	237	21.045	0.0041	0.0130	78.33
2012-11-03	00:26:24	Sampler	Y	7.99	207	21.350	0.0155	0.0136	348.25
2012-11-03	0:33:35	Sampler	Y	8.04	173	18.300	0.0176	0.0131	402.33
2012-11-03	1:39:57	Sampler	Y	7.94	170	17.995	0.0109	0.0135	596.50
2012-11-03	3:09:43	Sampler	Y	8.00	240	21.045	0.0117	0.0140	338.00
2012-11-03	3:47:06	Sampler	Y	8.20	313	28.365	0.0147	0.0149	592.00
2012-11-03	4:45:45	Sampler	Y	8.21	389	34.160	0.0082	0.0162	334.50
2012-11-09	10:15:55	Manual	N	8.50	668	55.917	0.0017	0.0190	29.14
2012-11-09	12:46:35	Sampler	Y	8.30	447	40.870	0.0352	0.0118	1174.00
2012-11-09	12:50:23	Sampler	Y	7.89	305	26.840	0.0261	0.0076	740.75
2012-11-09	13:35:20	Sampler	Y	8.13	249	23.485	0.0029	0.0104	90.40
2012-11-09	15:02:11	Sampler	Y	7.98	312	29.585	0.0093	0.0109	377.50

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	Hora de colheita	Método amostragem.	Período de cheia	pH	Conduct. eléctrica (µS/cm)	Alcalinidade (mgHCO <sub>3</sub> <sup>-</sup> /L)	[POC] (g/L)	[DOC] (g/L)	[SSC] (mg/L)
2012-11-09	15:53:11	Sampler	Y	8.31	367	39.040	0.0121	0.0136	452.00
2012-11-09	18:30:39	Sampler	Y	7.96	176	21.960	0.0164	0.0092	328.00
2012-11-15	10:06:40	Manual	N	8.69	980	86.112	0.0051	0.0191	123.85
2012-11-16	1:56:14	Sampler	Y	8.13	375	37.515	0.0042	0.0077	85.50
2012-11-16	2:45:49	Sampler	Y	8.12	250	24.705	0.0176	0.0064	230.00
2012-11-16	3:23:46	Sampler	Y	8.15	262	27.145	0.0045	0.0056	121.33
2012-11-16	4:42:55	Sampler	Y	8.26	315	33.855	0.0052	0.0094	170.00
2012-11-16	8:17:38	Sampler	Y	8.54	482	49.715	0.0022	0.0108	34.75
2012-11-17	6:17:41	Sampler	Y	8.52	511	57.035	0.0014	0.0082	112.80
2012-11-17	15:04:35	Sampler	N	8.30	319	55.510	0.0081	0.0068	41.33
2012-11-21	10:20:15	Manual	N	8.34	688	63.847	0.0023	0.0167	118.38
2012-12-13	9:55:20	Manual	N	8.62	823	86.925	0.0013	0.0115	49.06
2012-12-15	21:47:07	Sampler	Y	8.90	444	46.665	0.0035	0.0054	65.33
2012-12-15	13:04:37	Sampler	Y	8.67	323	35.075	0.0040	0.0051	85.33
2012-12-15	13:29:32	Sampler	Y	9.00	349	38.125	0.0043	0.0062	96.33
2012-12-15	14:47:29	Sampler	Y	9.07	387	42.700	0.0034	0.0074	82.00
2012-12-15	14:13:29	Sampler	Y	8.81	213	24.705	0.0056	0.0043	141.00
2012-12-17	5:42:38	Sampler	Y	9.19	409	44.530	0.0039	0.0088	93.50
2013-01-24	10:12:30	Manual	N	9.08	550	51.138	0.0014	0.0087	45.78
2013-02-14	11:20:52	Manual	N	9.01	745	76.606	0.0011	0.0088	4.98
2013-02-21	21:47:07	Sampler	Y	8.58	397	40.260	0.0555	0.0038	1124.50
2013-02-22	13:04:37	Sampler	Y	8.82	443	48.190	0.0041	0.0053	94.50
2013-02-22	13:29:32	Sampler	Y	8.37	310	29.890	0.0284	0.0029	659.00
2013-02-22	14:47:29	Sampler	Y	8.60	284	28.670	0.0078	0.0015	240.50
2013-02-23	14:13:29	Sampler	Y	8.94	340	39.955	0.0026	0.0040	63.00
2013-02-24	05:42:38	Sampler	Y	9.06	533	61.915	0.0013	0.0049	27.83
2013-02-28	10:05:56	Manual	N	9.04	852	73.861	0.0051	0.0077	9.82
2013-03-05	02:10:13	Sampler	Y	8.59	533	59.780	0.0023	0.0070	48.25
2013-03-05	05:47:58	Sampler	Y	8.61	412	48.495	0.0021	0.0095	46.75
2013-03-05	06:05:00	Sampler	Y	8.29	357	42.700	0.0134	0.0053	299.50
2013-03-05	06:16:00	Sampler	Y	8.50	239	26.840	0.0122	0.0039	323.50
2013-03-05	06:29:00	Sampler	Y	7.95	242	23.485	0.0142	0.0040	400.00
2013-03-05	06:43:00	Sampler	Y	8.22	208	22.875	0.0110	0.0052	344.00
2013-03-05	12:18:00	Sampler	Y	8.19	149	19.825	0.0042	0.0064	137.00
2013-03-08	11:20:26	Manual	N	8.42	295	25.264	0.0071	0.0078	344.33
2013-03-08	13:37:00	Sampler	Y	7.96	203	24.400	0.0082	0.0082	295.00
2013-03-08	13:48:00	Sampler	Y	8.16	213	25.925	0.0063	0.0064	251.50
2013-03-08	13:57:00	Sampler	Y	7.88	235	26.230	0.0123	0.0100	425.00
2013-03-08	14:04:00	Sampler	Y	7.85	329	33.550	0.0274	0.0062	873.00
2013-03-08	15:08:00	Sampler	Y	8.02	202	18.910	0.0193	0.0049	819.00
2013-03-08	16:06:00	Sampler	Y	7.70	258	24.705	0.0249	0.0066	741.00
2013-03-08	16:51:00	Sampler	Y	7.69	247	23.180	0.0122	0.0060	510.00
2013-03-08	17:32:00	Sampler	Y	7.83	245	21.960	0.0094	0.0070	372.00
2013-03-18	10:09:38	Manual	N	8.58	253	84.129	0.0013	0.0097	11.12
2013-03-19	11:49:00	Sampler	Y	8.25	524	54.900	0.0051	0.0093	126.00
2013-03-19	12:46:00	Sampler	Y	8.43	481	49.105	0.0044	0.0100	104.00

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>Hora de colheita</b>	<b>Método amostragem.</b>	<b>Período de cheia</b>	<b>pH</b>	<b>Condut. eléctrica (µS/cm)</b>	<b>Alcalinidade (mgHCO<sub>3</sub><sup>-</sup>/L)</b>	<b>[POC] (g/L)</b>	<b>[DOC] (g/L)</b>	<b>[SSC] (mg/L)</b>
2013-03-19	13:38:00	Sampler	Y	8.25	497	48.190	0.0089	0.0093	198.00
2013-03-19	14:36:00	Sampler	Y	8.28	343	34.770	0.0091	0.0072	318.50
2013-03-19	14:45:00	Sampler	Y	8.03	279	31.415	0.0127	0.0057	384.00
2013-04-09	10:40:38	Manual	N	8.49	765	88.094	0.0013	0.0089	9.60
2013-04-16	10:20:42	Manual	N	8.36	809	85.959	0.0014	0.0104	10.23
2013-05-21	10:30:20	Manual	N	8.29	810	59.424	0.0010	0.0116	7.92

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	[N-NO3] (mg/L)	[N-NH4] (mg/L)	TDN_[N]tot dissous (mg/L)	[N]tot (mg/L)	TP_[P]tot (mg/L)	TDP_[P]tot dissous (mg/L)	[P-PO4] (mg/L)	[P] Particulado (mg/L)
2009-12-22	2.620	0.060	4.240	4.392	0.488	0.220	0.029	0.268
2009-12-23	2.930	0.090	4.500	4.712	0.720	0.641	0.207	0.079
2009-12-23	2.817	0.040	4.377	5.289	1.070	0.427	0.278	0.643
2009-12-23	2.450	0.090	4.280	5.490	1.476	0.163	0.122	1.313
2009-12-23	2.143	0.000	3.923	4.429	0.955	0.653	0.194	0.302
2009-12-23	1.947	0.000	2.657	3.453	1.240	0.433	0.024	0.807
2009-12-23	1.873	0.050	3.143	3.805	0.954	0.308	0.019	0.646
2009-12-23	2.337	0.100	3.297	3.893	1.207	0.691	0.003	0.516
2010-01-20	4.197	1.113	6.823	6.886	0.369	0.185	0.075	0.184
2010-02-05	2.768	0.247	4.377	4.592	0.169	0.093	0.024	0.075
2010-02-24	2.613	0.142	4.680	4.934	0.373	0.179	0.102	0.194
2010-03-09	1.660	0.077	4.307	4.643	0.235	0.134	0.080	0.102
2010-03-25	3.363	0.212	9.710	9.886	0.174	0.093	0.048	0.064
2010-04-09	4.812	0.090	5.523	5.670	0.124	0.034	0.002	0.090
2010-04-28	1.813	0.095	6.183	6.392	0.047	0.024	0.013	0.023
2010-05-27	1.335	0.112	4.937	5.029	0.337	0.009	0.000	0.328
2010-06-22	0.622	2.552	7.952	8.180	0.693	0.646	0.459	0.047
2010-10-08	0.450	5.930	9.660	10.217	2.541	0.700	0.616	1.841
2010-10-08	0.620	2.200	5.540	9.890	3.640	0.385	0.383	3.255
2010-10-08	0.600	1.540	4.620	9.862	2.940	0.423	0.354	2.516
2010-10-08	0.750	1.160	4.700	7.866	2.378	0.408	0.335	1.970
2010-10-08	1.460	1.300	4.980	6.669	0.806	0.289	0.095	0.517
2010-10-08	1.940	2.840	8.680	9.834	0.996	0.397	0.397	0.599
2010-10-09	2.440	4.060	10.000	10.818	1.140	0.538	0.538	0.602
2010-10-09	3.400	4.150	10.980	11.709	1.145	0.544	0.543	0.601
2010-10-15	1.560	0.387	5.015	5.860	0.593	0.344	0.165	0.216
2010-10-22	1.327	0.520	2.970	3.336	0.220	0.149	0.105	0.072
2010-10-29	0.988	0.058	3.857	4.055	0.257	0.203	0.146	0.054
2010-10-29	0.880	0.100	3.220	11.323	5.146	0.408	0.085	4.738
2010-10-29	2.810	0.000	7.120	13.235	3.379	0.649	0.318	2.730
2010-10-29	2.580	0.190	4.880	8.548	2.688	0.502	0.396	2.186
2010-10-29	4.210	0.370	5.540	6.890	1.306	0.584	0.496	0.721
2010-10-29	4.030	0.220	5.160	5.652	1.229	0.696	0.473	0.533
2010-10-30	0.410	2.410	5.120	6.497	2.919	0.688	0.659	2.230
2010-10-30	1.640	0.440	3.840	4.207	2.995	0.887	0.411	2.108
2010-10-30	2.020	0.200	3.380	4.439	1.052	0.498	0.307	0.555
2010-10-30	1.850	0.150	3.200	5.129	1.306	0.385	0.316	0.921
2010-10-30	1.480	0.300	3.000	5.026	1.767	0.376	0.287	1.390
2010-10-30	1.550	0.170	3.000	5.230	1.183	0.380	0.261	0.803
2010-10-30	3.580	0.340	4.160	5.399	0.653	0.259	0.227	0.394
2010-10-30	3.370	0.290	4.220	6.003	1.306	0.450	0.437	0.856
2010-10-31	3.660	0.170	4.180	4.992	0.223	0.221	0.211	0.001
2010-11-01	5.930	0.460	6.390	6.822	0.206	0.118	0.008	0.088
2010-11-01	4.890	0.470	6.040	6.591	0.163	0.118	0.118	0.045
2010-11-02	3.830	0.095	3.767	3.854	0.157	0.105	0.084	0.052
2010-11-02	5.150	0.240	5.490	5.637	0.123	0.123	0.079	0.000

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxoe, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	[N-NO3] (mg/L)	[N-NH4] (mg/L)	TDN_[N]tot dissous (mg/L)	[N]tot (mg/L)	TP_[P]tot (mg/L)	TDP_[P]tot dissous (mg/L)	[P-PO4] (mg/L)	[P] Particulado (mg/L)
2010-11-02	6.290	0.200	6.490	7.268	0.276	0.272	0.220	0.004
2010-11-02	5.620	0.200	6.000	6.437	0.246	0.204	0.172	0.041
2010-11-09	0.467	0.130	2.320	9.550	0.321	0.147	0.070	0.150
2010-11-17	1.728	0.000	3.400	3.457	0.312	0.080	0.036	0.232
2010-11-24	1.827	0.000	3.440	3.666	0.127	0.095	0.078	0.032
2010-12-03	2.102	0.000	3.663	3.764	0.634	0.124	0.096	0.510
2010-12-09	2.353	0.000	3.630	3.818	0.557	0.146	0.052	0.411
2010-12-15	2.349	0.000	3.293	3.369	0.349	0.085	0.077	0.264
2011-01-11	2.802	0.000	4.163	5.392	0.431	0.186	0.157	0.245
2011-01-18	2.037	0.202	5.057	5.204	0.270	0.104	0.069	0.166
2011-01-27	1.755	0.025	4.130	4.233	0.209	0.093	0.075	0.116
2011-02-09	2.655	0.290	6.020	6.123	0.182	0.079	0.071	0.103
2011-02-09	2.513	0.038	5.580	5.719	0.168	0.071	0.071	0.096
2011-02-15	2.650	0.000	3.900	4.316	1.047	0.315	0.293	0.732
2011-02-15	2.620	0.000	3.540	3.693	0.773	0.318	0.310	0.454
2011-02-15	2.420	0.000	3.740	4.034	0.708	0.337	0.313	0.371
2011-02-15	2.650	0.000	4.120	4.341	0.686	0.324	0.311	0.362
2011-02-15	1.790	0.000	3.080	3.402	0.462	0.184	0.141	0.278
2011-02-15	1.490	0.000	3.300	3.760	0.477	0.201	0.181	0.276
2011-02-15	1.250	0.000	2.660	3.884	0.304	0.131	0.099	0.173
2011-02-16	1.600	0.000	2.660	5.136	0.539	0.129	0.089	0.410
2011-02-16	1.050	0.000	3.340	4.238	0.325	0.149	0.136	0.175
2011-02-16	1.230	0.000	2.660	3.521	0.282	0.122	0.105	0.159
2011-02-16	1.370	0.000	2.520	3.347	0.354	0.181	0.173	0.173
2011-02-16	1.480	0.000	2.540	3.117	0.513	0.174	0.160	0.339
2011-02-23	2.768	0.000	3.677	3.371	0.200	0.106	0.089	0.094
2011-03-02	2.838	0.000	3.227	3.319	0.126	0.038	0.026	0.088
2011-03-14	2.440	0.000	4.580	5.390	0.801	0.249	0.212	0.552
2011-03-14	1.840	0.000	2.780	3.827	0.440	0.229	0.196	0.211
2011-03-14	1.640	0.000	3.020	4.063	0.426	0.232	0.135	0.194
2011-03-14	0.240	0.000	3.820	4.915	0.318	0.211	0.185	0.107
2011-03-14	0.260	0.000	2.260	2.911	0.556	0.204	0.143	0.352
2011-03-14	1.680	0.070	6.500	7.136	0.426	0.175	0.160	0.251
2011-03-14	0.090	0.090	1.680	2.254	0.231	0.105	0.105	0.126
2011-03-14	0.000	0.000	1.200	1.563	0.157	0.094	0.094	0.062
2011-03-16	2.310	0.000	4.813	5.008	0.298	0.085	0.083	0.213
2011-03-23	2.125	0.097	3.327	3.346	0.107	0.074	0.042	0.032
2011-04-01	1.179	0.117	2.530	2.716	0.093	0.058	0.044	0.035
2011-04-08	1.835	0.100	3.297	3.305	0.120	0.058	0.029	0.063
2011-04-14	2.062	0.040	3.617	3.633	0.111	0.055	0.052	0.056
2011-04-19	0.140	0.080	1.240	3.271	1.388	0.429	0.421	0.958
2011-04-19	2.030	0.020	3.480	4.144	0.681	0.438	0.299	0.243
2011-04-19	1.980	0.070	3.480	3.932	0.550	0.372	0.298	0.178
2011-04-19	2.210	0.040	3.960	5.930	0.800	0.361	0.283	0.439
2011-04-19	2.170	0.110	3.900	4.643	0.581	0.296	0.276	0.285
2011-04-19	2.090	0.010	3.920	3.941	0.438	0.355	0.294	0.083



**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	[N-NO3] (mg/L)	[N-NH4] (mg/L)	TDN_[N]tot dissous (mg/L)	[N]tot (mg/L)	TP_[P]tot (mg/L)	TDP_[P]tot dissous (mg/L)	[P-PO4] (mg/L)	[P] Particulado (mg/L)
2011-04-19	1.780	0.020	3.000	7.823	4.188	0.304	0.291	3.884
2011-04-19	0.180	0.030	1.140	1.832	3.155	0.229	0.221	2.926
2011-04-20	1.243	0.032	2.847	3.174	0.500	0.275	0.242	0.225
2011-04-20	1.650	0.040	3.160	3.811	0.656	0.312	0.310	0.345
2011-04-21	1.260	0.020	2.660	3.311	0.456	0.208	0.201	0.248
2011-04-27	2.367	0.083	3.753	4.096	0.215	0.166	0.112	0.049
2011-05-03	0.880	0.023	2.270	3.553	0.175	0.123	0.059	0.052
2011-05-11	2.552	0.168	3.927	4.313	0.240	0.127	0.084	0.112
2011-05-19	1.775	0.208	3.313	3.944	0.454	0.133	0.072	0.321
2011-05-26	1.887	0.432	2.595	5.860	1.509	0.127	0.084	1.382
2011-06-01	2.018	0.020	2.533	3.652	1.185	0.150	0.109	1.034
2011-06-16	1.743	0.000	2.233	5.435	2.187	0.248	0.200	1.939
2011-06-28	1.248	0.023	2.093	2.136	0.140	0.091	0.038	0.049
2011-07-12	1.090	0.000	1.447	0.155	0.155	0.109	0.015	0.046
2011-10-20	1.082	0.173	6.410	5.829	1.216	0.727	0.532	0.490
2011-10-26	1.410	0.250	5.960	6.428	0.896	0.673	0.606	0.222
2011-10-26	2.010	0.000	5.260	6.430	0.869	0.386	0.305	0.483
2011-10-26	2.450	0.090	5.400	5.674	0.889	0.552	0.484	0.338
2011-10-26	1.690	0.010	5.140	6.134	0.615	0.334	0.336	0.281
2011-11-10	2.220	0.063	6.280	6.359	0.225	0.150	0.102	0.075
2011-11-25	2.137	0.058	5.957	5.649	0.256	0.112	0.042	0.144
2011-12-02	1.765	0.063	5.777	5.993	0.306	0.147	0.048	0.159
2012-01-26	1.732	0.220	5.653	5.108	0.187	0.116	0.000	0.071
2012-04-05	0.807	0.000	4.273	4.341	0.625	0.128	0.083	0.496
2012-05-09	0.495	0.000	5.470	5.579	0.514	0.155	0.145	0.359
2012-10-19	7.013	0.022	10.027	10.719	1.766	0.392	0.289	1.374
2012-10-24	1.350	0.220	1.570	3.634	1.674	1.126	0.675	0.548
2012-10-24	1.820	0.050	2.340	3.460	1.108	1.140	0.512	-0.032
2012-10-24	2.570	0.000	4.440	5.872	1.033	1.008	0.495	0.025
2012-10-24	2.700	0.000	2.700	3.319	1.089	0.688	0.466	0.401
2012-10-24	1.740	0.000	1.940	2.780	1.246	0.589	0.413	0.657
2012-10-24	2.000	0.000	2.000	2.307	1.334	0.494	0.450	0.840
2012-10-30	2.232	2.053	4.400	11.396	1.958	0.298	0.230	1.659
2012-11-02	0.040	0.720	9.940	10.995	1.119	0.422	0.297	0.697
2012-11-02	0.040	0.380	10.420	10.862	0.940	0.518	0.360	0.422
2012-11-03	0.000	0.410	8.560	9.905	3.080	0.876	0.319	2.204
2012-11-03	0.000	0.460	8.260	9.798	3.905	1.069	0.368	2.836
2012-11-03	0.000	0.410	9.180	10.348	1.230	1.076	0.347	0.154
2012-11-03	0.110	0.420	9.560	11.182	2.205	0.917	0.448	1.288
2012-11-03	0.620	0.410	11.280	13.125	1.815	1.344	0.661	0.471
2012-11-03	0.640	0.370	13.980	15.057	1.664	1.226	0.667	0.438
2012-11-09	3.332	0.290	13.527	13.687	2.942	0.278	0.194	2.663
2012-11-09	2.100	0.210	4.790	7.707	0.672	0.301	0.280	0.371
2012-11-09	1.590	0.300	4.730	6.824	0.644	0.604	0.357	0.040
2012-11-09	1.380	0.190	3.870	4.145	1.378	1.001	0.366	0.377

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

Data de colheita	[N-NO3] (mg/L)	[N-NH4] (mg/L)	TDN_[N]tot dissous (mg/L)	[N]tot (mg/L)	TP_[P]tot (mg/L)	TDP_[P]tot dissous (mg/L)	[P-PO4] (mg/L)	[P] Particulado (mg/L)
2012-11-09	1.330	0.210	2.490	3.578	0.907	0.868	0.375	0.039
2012-11-09	0.550	0.260	2.410	3.698	0.910	0.874	0.195	0.036
2012-11-09	1.960	0.130	2.410	4.465	0.556	0.524	0.304	0.032
2012-11-15	3.055	0.333	3.990	4.398	2.423	0.366	0.178	2.058
2012-11-16	0.020	0.080	5.450	5.783	0.397	0.351	0.130	0.046
2012-11-16	1.070	0.080	3.390	6.033	0.404	0.361	0.215	0.043
2012-11-16	0.870	0.130	4.850	5.242	0.546	0.495	0.276	0.051
2012-11-16	0.350	0.080	6.730	7.270	0.868	0.606	0.563	0.262
2012-11-16	0.370	0.050	3.090	3.391	0.921	0.428	0.377	0.493
2012-11-17	1.150	0.060	3.750	3.867	0.702	0.263	0.173	0.439
2012-11-17	2.390	0.060	4.150	4.873	0.971	0.600	0.200	0.371
2012-11-21	1.990	0.470	5.433	5.803	0.523	0.336	0.168	0.187
2012-12-13	0.652	0.023	2.525	2.618	0.702	0.152	0.062	0.550
2012-12-15	1.610	0.020	2.140	2.454	1.764	0.344	0.237	1.420
2012-12-15	0.270	0.070	3.080	3.461	1.176	0.401	0.299	0.775
2012-12-15	0.930	0.030	3.080	3.541	1.093	0.525	0.303	0.568
2012-12-15	1.670	0.090	5.560	5.943	1.038	0.553	0.328	0.485
2012-12-15	1.590	0.050	2.060	2.633	0.474	0.313	0.162	0.161
2012-12-17	1.480	0.030	3.160	3.562	1.014	0.984	0.520	0.030
2013-01-24	1.353	0.015	2.717	2.969	0.797	0.342	0.232	0.456
2013-02-14	2.343	0.000	4.137	3.396	1.663	0.210	0.083	1.453
2013-02-21	1.870	0.020	2.600	6.400	1.216	0.261	0.253	0.955
2013-02-22	3.090	0.040	3.200	3.479	0.774	0.209	0.162	0.565
2013-02-22	2.200	0.060	2.480	4.210	1.057	0.336	0.312	0.721
2013-02-22	3.490	0.060	4.920	5.469	0.776	0.296	0.230	0.480
2013-02-23	1.420	0.050	2.760	3.110	0.942	0.143	0.130	0.799
2013-02-24	2.100	0.050	2.820	2.917	0.992	0.581	0.128	0.411
2013-02-28	1.903	0.000	5.230	5.369	1.240	0.133	0.068	1.107
2013-03-05	2.600	0.100	4.380	4.585	1.093	0.209	0.188	0.884
2013-03-05	1.790	0.070	4.000	4.197	0.836	0.221	0.195	0.615
2013-03-05	1.850	0.030	3.620	4.681	1.040	0.284	0.254	0.756
2013-03-05	1.400	0.070	5.260	6.201	1.172	0.300	0.277	0.872
2013-03-05	1.280	0.060	3.820	5.101	0.849	0.406	0.361	0.443
2013-03-05	2.540	0.060	3.060	4.007	1.194	0.318	0.283	0.876
2013-03-05	0.000	1.540	1.540	1.987	0.385	0.130	0.108	0.255
2013-03-08	0.693	0.057	0.057	2.995	0.693	0.057	0.000	0.637
2013-03-08	0.960	0.030	4.220	5.183	0.755	0.327	0.303	0.428
2013-03-08	1.000	0.040	2.120	2.796	1.076	0.355	0.341	0.721
2013-03-08	1.040	0.040	3.100	4.309	0.500	0.351	0.312	0.149
2013-03-08	0.650	0.110	2.880	5.134	0.617	0.318	0.222	0.299
2013-03-08	0.880	0.050	2.400	3.853	0.434	0.130	0.130	0.304
2013-03-08	0.660	0.050	3.320	5.730	1.482	0.170	0.130	1.312
2013-03-08	0.500	0.050	2.580	4.083	0.786	0.130	0.127	0.656
2013-03-08	1.970	0.040	2.740	4.254	0.807	0.130	0.084	0.677
2013-03-18	2.617	0.040	5.503	5.585	0.697	0.136	0.100	0.561
2013-03-19	1.700	0.060	4.540	5.117	1.108	0.193	0.164	0.915

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[N-NO3] (mg/L)</b>	<b>[N-NH4] (mg/L)</b>	<b>TDN_[N]tot dissous (mg/L)</b>	<b>[N]tot (mg/L)</b>	<b>TP_[P]tot (mg/L)</b>	<b>TDP_[P]tot dissous (mg/L)</b>	<b>[P-PO4] (mg/L)</b>	<b>[P] Particulado (mg/L)</b>
2013-03-19	1.320	0.070	3.780	4.372	1.172	0.374	0.311	0.798
2013-03-19	1.150	0.040	5.220	6.101	1.386	0.186	0.184	1.200
2013-03-19	0.970	0.060	3.880	4.795	0.965	0.299	0.265	0.666
2013-03-19	0.600	0.060	4.300	5.799	0.805	0.284	0.263	0.521
2013-04-09	2.658	0.080	4.860	4.944	1.012	0.130	0.060	0.882
2013-04-16	2.312	0.088	5.820	5.910	0.984	0.130	0.036	0.854
2013-05-21	1.468	0.067	4.120	4.211	0.879	0.130	0.025	0.749

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[Cl-] (mg/L)[</b>	<b>[Na+] (mg/L)</b>	<b>[K+] (mg/L)</b>	<b>[Mg<sup>2+</sup>] (mg/L)</b>	<b>[Ca<sup>2+</sup>] (mg/L)</b>	<b>[Fe] (mg/L)</b>
2009-12-22	65.180	24.000	13.960	10.580	47.280	0.017
2009-12-23	54.598	32.440	11.320	13.380	61.780	0.009
2009-12-23	74.441	46.250	10.650	8.720	37.140	0.006
2009-12-23	23.536	15.320	3.160	8.060	33.760	0.000
2009-12-23	28.098	17.480	4.960	9.780	41.680	0.000
2009-12-23	18.044	10.840	2.840	7.340	30.060	0.000
2009-12-23	41.858	19.200	3.520	8.820	36.980	0.000
2009-12-23	15.115	9.720	3.080	8.340	34.620	0.000
2010-01-20	100.056	38.917	5.443	22.333	87.597	0.024
2010-02-05	121.413	40.760	3.943	27.187	85.630	0.016
2010-02-24	80.252	21.050	4.628	12.533	57.918	0.024
2010-03-09	69.543	15.013	3.663	9.813	39.853	0.367
2010-03-25	101.556	34.220	2.628	22.080	84.993	0.011
2010-04-09	110.858	35.677	1.972	24.667	61.617	0.012
2010-04-28	110.856	37.447	2.178	23.880	80.950	0.012
2010-05-27	121.381	40.157	1.300	25.853	84.517	0.009
2010-06-22	122.558	33.583	4.915	28.533	78.583	0.054
2010-10-08	110.896	93.400	12.660	22.840	73.900	0.468
2010-10-08	43.753	11.500	6.820	7.920	33.540	0.124
2010-10-08	30.700	19.120	5.960	4.820	28.140	0.053
2010-10-08	30.700	15.480	4.840	3.260	23.880	0.022
2010-10-08	29.370	16.220	4.940	4.020	26.180	0.048
2010-10-08	38.310	11.700	6.020	4.940	27.160	0.051
2010-10-09	54.598	23.200	8.060	7.520	34.440	0.076
2010-10-09	65.180	33.900	8.840	11.360	47.460	0.090
2010-10-15	176.529	71.800	5.413	32.667	82.713	0.065
2010-10-22	147.306	71.767	4.803	34.437	84.930	0.190
2010-10-29	168.641	80.417	4.623	37.900	86.003	0.073
2010-10-29	65.326	30.700	8.080	14.000	50.620	0.301
2010-10-29	33.715	10.800	6.620	6.200	31.720	0.104
2010-10-29	26.739	18.460	7.540	4.660	26.900	0.099
2010-10-29	43.750	24.300	5.840	7.740	38.680	0.100
2010-10-29	41.615	24.300	5.700	7.180	35.200	0.096
2010-10-30	51.291	28.000	6.860	11.200	46.840	0.156
2010-10-30	31.047	8.800	5.640	6.320	29.720	0.128
2010-10-30	19.426	14.660	4.940	4.220	23.780	0.152
2010-10-30	17.611	11.720	4.340	3.460	22.900	0.167
2010-10-30	13.925	10.700	3.680	2.920	20.700	0.161
2010-10-30	14.588	8.520	3.860	2.740	21.180	0.147
2010-10-30	22.696	13.240	4.780	3.460	23.800	0.190
2010-10-30	37.077	20.160	7.160	6.720	30.080	0.202
2010-10-31	40.014	16.400	6.540	9.760	39.100	0.239
2010-11-01	67.696	41.100	5.220	20.100	73.840	0.240
2010-11-01	75.202	50.800	5.720	21.780	81.480	0.224
2010-11-02	100.174	43.967	5.753	23.320	76.790	0.176
2010-11-02	74.379	44.100	5.960	23.240	83.940	0.312

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[Cl-] (mg/L)[</b>	<b>[Na+] (mg/L)</b>	<b>[K+] (mg/L)</b>	<b>[Mg<sup>2+</sup>] (mg/L)</b>	<b>[Ca<sup>2+</sup>] (mg/L)</b>	<b>[Fe] (mg/L)</b>
2010-11-02	74.379	44.100	6.100	21.900	82.380	0.242
2010-11-02	77.964	53.900	5.680	23.920	85.400	0.358
2010-11-09	106.964	42.567	4.843	21.077	68.627	0.182
2010-11-17	98.482	43.133	3.943	23.650	75.630	0.160
2010-11-24	89.980	39.650	4.773	20.313	64.127	0.093
2010-12-03	117.921	48.817	4.740	27.413	82.723	0.032
2010-12-09	80.069	37.725	6.073	18.320	81.690	0.199
2010-12-15	128.797	51.643	5.430	29.892	123.555	0.199
2011-01-11	81.827	43.053	5.837	22.580	95.720	0.199
2011-01-18	136.390	41.000	4.327	25.690	92.417	0.199
2011-01-27	123.851	40.083	4.700	23.707	89.217	0.199
2011-02-09	128.618	39.967	2.763	25.007	92.657	0.199
2011-02-09	127.768	41.350	2.967	26.007	94.623	0.018
2011-02-15	64.328	38.720	5.160	17.220	66.240	0.761
2011-02-15	48.484	32.840	5.190	12.300	48.440	0.370
2011-02-15	44.124	31.760	5.010	11.440	45.720	0.389
2011-02-15	46.253	31.640	5.430	11.680	46.160	0.439
2011-02-15	42.092	30.120	1.980	11.440	46.260	1.651
2011-02-15	44.124	29.160	1.960	10.440	42.240	1.352
2011-02-15	21.761	15.740	3.320	6.060	25.600	0.950
2011-02-16	17.628	27.010	4.452	15.803	55.983	1.031
2011-02-16	22.811	16.340	3.780	5.580	24.120	1.656
2011-02-16	23.912	17.000	3.480	6.340	27.300	0.865
2011-02-16	48.484	29.920	3.820	13.000	49.600	1.177
2011-02-16	50.824	31.120	3.640	11.500	46.080	1.736
2011-02-23	78.645	28.848	3.995	13.953	59.323	0.059
2011-03-02	96.229	43.750	2.470	25.453	94.553	0.039
2011-03-14	89.773	38.750	3.780	19.640	81.760	0.838
2011-03-14	44.998	23.350	3.640	11.080	50.100	0.540
2011-03-14	31.857	19.250	3.840	9.180	44.300	0.875
2011-03-14	24.893	16.450	3.580	7.860	37.620	0.978
2011-03-14	28.864	18.000	3.660	9.400	44.580	1.123
2011-03-14	92.278	16.000	3.860	9.360	38.980	2.520
2011-03-14	34.210	8.500	4.060	4.780	21.300	3.395
2011-03-14	40.363	10.500	4.140	5.440	22.760	2.716
2011-03-16	59.965	31.258	3.483	17.267	69.487	0.235
2011-03-23	83.247	35.945	2.493	24.187	92.130	0.060
2011-04-01	95.713	39.060	3.360	23.993	85.197	0.022
2011-04-08	123.145	42.667	4.277	25.533	94.453	0.039
2011-04-14	152.255	44.925	4.113	27.713	100.830	0.065
2011-04-19	62.735	25.800	6.960	8.240	39.480	0.064
2011-04-19	97.508	32.650	7.140	13.560	52.900	0.036
2011-04-19	70.047	26.500	8.100	9.600	40.840	0.084
2011-04-19	108.874	35.800	9.340	16.080	59.340	0.056
2011-04-19	135.734	40.500	9.880	21.760	70.660	0.074
2011-04-19	50.320	23.150	7.240	8.200	36.120	0.277

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[Cl-] (mg/L)</b>	<b>[Na+] (mg/L)</b>	<b>[K+] (mg/L)</b>	<b>[Mg<sup>2+</sup>] (mg/L)</b>	<b>[Ca<sup>2+</sup>] (mg/L)</b>	<b>[Fe] (mg/L)</b>
2011-04-19	74.017	22.250	6.880	7.800	36.560	0.192
2011-04-19	66.290	16.900	6.980	5.320	31.220	0.262
2011-04-20	78.053	28.950	7.870	11.640	50.530	0.197
2011-04-20	34.789	24.100	7.020	11.320	48.900	0.325
2011-04-21	41.090	24.000	6.880	11.800	39.560	0.346
2011-04-27	64.390	46.617	4.507	24.060	90.430	0.054
2011-05-03	40.293	24.858	6.010	11.573	46.603	0.406
2011-05-11	73.971	45.450	3.970	25.073	91.933	0.084
2011-05-19	61.519	31.800	7.467	17.553	73.377	0.079
2011-05-26	63.162	44.150	4.210	25.227	96.067	0.139
2011-06-01	75.299	47.217	2.473	26.985	90.033	0.195
2011-06-16	92.706	48.758	1.817	27.330	79.120	0.155
2011-06-28	94.760	43.425	2.053	25.385	70.210	0.059
2011-07-12	124.290	91.617	4.987	28.850	92.967	0.106
2011-10-20	63.059	46.767	20.919	24.098	83.585	0.200
2011-10-26	17.410	15.180	4.301	7.120	34.550	0.003
2011-10-26	6.656	8.280	3.128	2.810	24.000	0.000
2011-10-26	12.636	14.260	3.519	6.420	34.360	0.000
2011-10-26	5.855	5.980	3.128	1.890	21.620	0.000
2011-11-10	57.517	46.383	3.910	59.483	88.490	0.102
2011-11-25	75.084	47.533	2.998	24.106	95.733	0.030
2011-12-02	76.437	48.683	5.083	21.463	97.588	0.059
2012-01-26	87.143	47.150	2.151	17.420	101.367	0.028
2012-04-05	98.717	42.317	3.643	29.483	92.993	0.000
2012-05-09	113.409	43.158	3.628	29.842	95.187	0.000
2012-10-19	355.417	130.544	5.777	69.628	106.805	0.042
2012-10-24	16.659	9.934	3.757	3.287	19.271	0.047
2012-10-24	10.741	7.471	3.263	2.183	15.650	0.027
2012-10-24	9.625	6.357	2.955	1.834	15.497	0.031
2012-10-24	11.987	8.228	3.117	2.519	15.042	0.029
2012-10-24	12.663	9.988	3.553	3.218	16.693	0.063
2012-10-24	20.746	15.714	4.085	7.150	32.252	0.030
2012-10-30	200.094	97.171	4.949	63.889	115.163	0.068
2012-11-02	4.245	13.192	6.392	1.724	22.260	0.000
2012-11-02	6.397	25.100	6.744	3.256	22.300	0.000
2012-11-03	3.702	27.960	4.441	2.048	23.660	0.000
2012-11-03	2.294	29.300	4.351	1.356	24.660	0.000
2012-11-03	3.458	11.924	4.731	1.768	18.420	0.000
2012-11-03	7.334	37.230	7.456	3.802	22.480	0.024
2012-11-03	13.567	17.520	7.656	6.150	30.920	0.093
2012-11-03	19.095	25.270	8.390	7.078	33.660	0.050
2012-11-09	74.950	33.217	5.867	16.373	66.020	0.000
2012-11-09	23.441	23.690	6.528	9.904	44.960	0.000
2012-11-09	11.052	19.910	4.228	5.032	31.100	0.000
2012-11-09	7.334	11.430	4.848	4.210	26.638	0.000
2012-11-09	9.640	19.490	5.332	6.260	38.150	0.036

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxoé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[Cl-] (mg/L)</b>	<b>[Na+] (mg/L)</b>	<b>[K+] (mg/L)</b>	<b>[Mg<sup>2+</sup>] (mg/L)</b>	<b>[Ca<sup>2+</sup>] (mg/L)</b>	<b>[Fe] (mg/L)</b>
2012-11-09	11.834	70.100	7.348	7.190	44.524	0.000
2012-11-09	3.702	20.099	4.882	2.954	17.194	0.062
2012-11-15	152.115	49.375	5.2385	28.126	95.141	0.000
2012-11-16	15.555	16.660	4.834	8.216	38.242	0.000
2012-11-16	8.408	19.230	4.888	4.664	23.990	0.000
2012-11-16	9.640	12.010	3.746	5.142	26.578	0.000
2012-11-16	10.322	24.660	5.296	6.402	31.382	0.000
2012-11-16	20.446	17.860	6.12	11.428	53.718	0.000
2012-11-17	23.441	34.010	4.618	13.626	55.050	0.000
2012-11-17	12.671	15.210	5.244	6.49	32.248	0.000
2012-11-21	68.439	37.732	5.158	19.019	69.841	0.000
2012-12-13	127.475	46.192	3.841	30.453	95.752	0.000
2012-12-15	39.529	41.240	3.952	11.500	47.992	0.000
2012-12-15	24.791	12.300	4.988	7.300	35.588	0.000
2012-12-15	27.499	18.380	5.490	8.420	38.414	0.000
2012-12-15	28.962	15.150	4.716	9.225	42.424	0.085
2012-12-15	11.998	35.100	3.924	4.942	25.180	0.821
2012-12-17	30.503	16.200	4.214	10.130	46.076	0.219
2013-01-24	72.356	30.310	3.995	18.363	54.854	0.395
2013-02-14	138.991	42.665	2.081	33.266	92.049	0.000
2013-02-21	23.814	12.800	2.836	8.970	38.154	0.000
2013-02-22	30.294	17.800	3.058	11.230	47.268	0.050
2013-02-22	16.598	9.870	2.592	6.004	29.342	0.000
2013-02-22	17.627	9.530	3.216	5.764	28.65	0.015
2013-02-23	21.114	11.730	2.360	9.182	39.202	0.570
2013-02-24	34.168	19.820	2.316	15.210	61.312	0.039
2013-02-28	91.184	35.442	2.582	29.700	90.465	0.000
2013-03-05	40.927	21.040	3.394	14.720	58.214	0.000
2013-03-05	25.291	15.900	2.862	10.785	45.274	0.000
2013-03-05	19.881	12.740	4.112	8.365	39.284	0.000
2013-03-05	6.731	8.246	3.338	2.935	23.748	0.000
2013-03-05	9.094	6.144	2.298	1.895	22.220	0.000
2013-03-05	7.149	6.302	2.312	1.855	21.978	0.000
2013-03-05	7.149	3.932	2.642	0.880	16.080	0.407
2013-03-08	2.333	0.716	0.130	0.096	28.367	0.018
2013-03-08	5.653	6.278	2.802	3.400	22.500	0.370
2013-03-08	6.392	6.540	4.036	3.928	23.868	0.357
2013-03-08	6.392	7.116	3.204	4.402	25.662	0.332
2013-03-08	10.448	6.760	3.566	5.898	31.386	0.400
2013-03-08	4.999	3.816	2.382	2.288	17.104	0.000
2013-03-08	11.110	7.404	3.332	4.252	24.252	0.140
2013-03-08	14.205	6.876	2.856	4.514	23.106	0.244
2013-03-08	17.079	7.060	4.642	5.160	26.796	0.176
2013-03-18	149.632	32.260	3.836	26.820	85.141	0.000
2013-03-19	74.924	21.430	3.202	15.375	52.804	0.000
2013-03-19	65.351	19.250	3.338	15.390	47.924	0.000

**Quadro 5.** Determinações nas amostras de água colhidas no rio Enxóé, entre Dezembro de 2009 e Maio 2013. Encontra-se indicado se a amostragem foi manual ou automática e se a colheita foi ou não durante um evento de cheia (continuação).

<b>Data de colheita</b>	<b>[Cl-] (mg/L)</b>	<b>[Na+] (mg/L)</b>	<b>[K+] (mg/L)</b>	<b>[Mg<sup>2+</sup>] (mg/L)</b>	<b>[Ca<sup>2+</sup>] (mg/L)</b>	<b>[Fe] (mg/L)</b>
2013-03-19	80.224	18.710	4.564	15.120	45.822	0.000
2013-03-19	53.235	11.820	3.560	10.635	30.778	0.000
2013-03-19	28.776	9.000	4.422	7.755	25.726	0.000
2013-04-09	57.503	28.967	2.340	24.364	85.074	0.000
2013-04-16	156.535	31.457	1.853	27.460	85.566	0.000
2013-05-21	300.765	46.590	0.843	30.163	87.550	0.000