

**S3 Table 1. Abiotic data within water bodies of saltworking sites along Atlantic seaboard Iberia to south coast of England. See main text for further information.**

The key to water body type is:

Saltern

Lagoon

R - First Reservoir

EP - Evaporation Pond

AR - abandoned reservoir

**Region UK**

<b>Location No.</b>	1	1	1	1	1	1	1	2	2	2	2	2	2	2
<b>Location Name</b>	Solent S	Solent S	Solent S	Solent S	Solent S	Solent S	Solent S	Solent N	Solent N	Solent N	Solent N	Solent N	Solent N	Solent N
<b>Site (water body)</b>	a	b	c	d	e	f	g	a	b	c	d	e	f	g
<b>Year sampled (March/April)</b>	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
Latitude (Deg Min North)	50 45	50 45	50 45	50 45	50 45	50 45	50 43	50 45	50 45	50 45	50 45	50 45	50 41	50 41
Pond Type	Saltern	Saltern	Saltern	Lagoon	Lagoon	Lagoon	Saltern	Saltern	Saltern	Saltern	Saltern	Saltern	Lagoon	Lagoon
Field Temperature deg C	18.8	19.1	18.8	19.1	20.8	22.3	18.7	10.1	11.7	11.8	10.1	10.1	20.4	15.7
Field Salinity ppt	36.1	32.3	33.9	11.8	17.5	32	37.3	32.7	23.6	22.7	15.1	15.1	32	30.6
% Clay	92.8	99.3	99.3	2.3	76.8	27.6	92.8	42.1	15.7	4.7	29.0	84.8	49.6	97.6
% Sand (>125 um)	7.2	0.6	0.6	97.7	23.2	72.4	7.2	57.9	84.3	95.3	71.0	15.2	50.4	2.4
% Organic	7.5	7.8	7.8	1.9	7.8	5.4	7.5	4.9	1.1	1.3	5.9	2.0	3.4	7.3
% Macrophyte	25	0	0	0	15	1	10	0	0	0	0	0	5	15
Depth (cm)	20	30	35	15	5	5	15	5	5	5	5	5	15	30

**Region France North**

<b>Location No.</b>	1	1	1	1	1	1	1	2	2	2	2	2	2	2
<b>Location Name</b>	Batz	Batz	Batz	Batz	Batz	Batz	Batz	Nantes	Nantes	Nantes	Nantes	Nantes	Nantes	Nantes
<b>Site (water body)</b>	a	b	c	d	e	f	g	a	b	c	d	e	f	g
<b>Year sampled (March/April)</b>	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
Latitude (Deg Min North)	47 17	47 17	47 17	47 17	47 17	47 17	47 17	46 52	46 52	46 52	46 52	46 52	46 52	46 52
Pond Type	R	EP	R	EP	EP	R	EP	R	AR	AR	R	R	R	AR
Field Temperature deg C	8.5	12.8	10.6	10.7	12.2	9.5	17.1	6.1	8.3	11.5	13.7	10.7	13.6	6.4
Field Salinity ppt	30.1	22.4	33.7	22.9	23.6	22.5	25.8	15.1	11.9	16.7	17.9	13.8	10.4	6.5
% Clay	97.8	88.9	97.9	99.4	97.7	93.4	98.1	91.2	99.5	99.3	97.8	98.0	90.0	92.1
% Sand (>125 um)	6.2	11.1	2.1	0.6	2.3	6.6	1.9	8.7	0.5	0.7	2.2	2.0	10.0	7.9
% Organic	3.5	5.2	4.5	3.9	5.9	5.4	3.8	3.9	8.0	7.7	4.2	2.6	3.2	5.0
% Macrophyte	1	100	0	0	80	0	90	0	10	40	0	1	60	1
Depth (cm)	4	3	20	2	4	5	2	30	4	20	5	20	30	12

**Region France South**

<b>Location No.</b>	1	1	1	1	1	1	1	2	2	2	2	2	2	2
<b>Location Name</b>	Ile de Re	Ile de Re	Ile de Re	Ile de Re	Ile de Re	Ile de Re	Ile de Re	d'Oleron	d'Oleron	d'Oleron	d'Oleron	d'Oleron	d'Oleron	d'Oleron
<b>Site (water body)</b>	a	b	c	d	e	f	g	a	b	c	d	e	f	g
<b>Year sampled (March/April)</b>	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
Latitude (Deg Min North)	46 13	46 13	46 13	46 13	46 13	46 13	46 13	45 57	45 57	45 57	45 57	45 57	45 57	45 57
Pond Type	R	EP	EP	EP	EP	EP	EP	R	EP	EP	EP	EP	EP	EP
Field Temperature deg C	4.6	4.9	17.7	17.2	5.7	16.8	16.7	5.6	4.1	5.4	12.8	13.9	8.9	4.9
Field Salinity ppt	29.6	17.6	39.8	21.3	13.7	24	23.2	29	30.2	30.1	20.2	15.3	15.8	21.4
% Clay	97.7	95.6	99.2	99.4	95.6	99.3	98.7	22.7	58.8	59.8	97.5	97.9	81.0	80.4
% Sand (>125 um)	2.3	4.4	0.8	0.6	4.5	0.7	1.3	77.3	41.1	40.2	2.5	2.1	19.0	19.6
% Organic	4.1	3.9	5.0	3.7	4.5	4.0	4.1	1.4	2.2	2.9	6.3	12.0	4.7	2.2
% Macrophyte	90	50	24	90	20	0	80	90	0	25	10	80	10	0
Depth (cm)	5	10	4	4	5	5	5	15	15	15	5	2	10	5

**Region Iberia North**

<b>Location No.</b>	1	1	1	1	1	1	1	2	2	2	2	2	2	2
<b>Location Name</b>	Aveiro	Aveiro	Aveiro	Aveiro	Aveiro	Aveiro	Aveiro	Figueira	Figueira	Figueira	Figueira	Figueira	Figueira	Figueira
<b>Site (water body)</b>	a	b	c	d	e	f	g	a	b	c	d	e	f	g
<b>Year sampled (March/April)</b>	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
Latitude (Deg Min North)	40 37	40 37	40 37	40 37	40 37	40 37	40 37	40 07	40 07	40 07	40 07	40 07	40 07	40 07
Pond Type	R	R	R	EP	EP	EP	EP	R	R	R	R	R	R	R
Field Temperature deg C	20.1	18.8	27.7	30	31	30.5	26.8	29.2	29.2	29.2	29.5	29.5	29.5	29.5
Field Salinity ppt	30	31.3	30.7	31.6	39.6	40.8	35.6	34.7	34.7	34.7	20.6	20.6	20.6	20.6
% Clay	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
% Sand (>125 um)	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
% Organic	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
% Macrophyte	40	0	35	0	0	0	0	80	80	80	100	100	100	0
Depth (cm)	40	5	20	5	5	3	5	10	10	10	0	5	5	0

**Region Iberia South**

<b>Location No.</b>	1	1	1	1	1	1	1	2	2	2	2	2	2	2
<b>Location Name</b>	Algarve	Algarve	Algarve	Algarve	Algarve	Algarve	Algarve	Cadiz	Cadiz	Cadiz	Cadiz	Cadiz	Cadiz	Cadiz
<b>Site (water body)</b>	a	b	c	d	e	f	g	a	b	c	d	e	f	g
<b>Year sampled (March/April)</b>	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
Latitude (Deg Min North)	37 13	37 13	37 13	37 13	37 13	37 13	37 13	36 28	36 28	36 28	36 28	36 28	36 28	36 28
Pond Type	AR	AR	AR	AR	AR	R	R	R	R	R	R	R	EP	EP
Field Temperature deg C	19.8	27.7	24.9	20.3	25.1	28.3	28.6	13	13	13 .3	16.6	15.4	15.4	15.2
Field Salinity ppt	90	90	90	90	74.6	52.7	90	46.2	40	45.6	56	55.5	55.8	56.2
% Clay	94.4	99.6	99.8	99.7	99.7	99.9	99.8	68.1	90.1	38.2	99.7	99.6	98.9	94.6
% Sand (>125 um)	5.6	0.4	0.2	0.3	0.3	0.1	0.2	31.9	9.9	61.8	0.3	0.4	1.1	5.4
% Organic	6.7	8.1	10.4	4.1	4.0	6.7	4.4	3.8	5.8	7.6	8.2	6.9	8.6	4.4
% Macrophyte	1	1	0	0	0	0	0	50	20	50	0	90	0	40
Depth (cm)	29	47	2	14	6	10	4	30.5	30.5	45	15	10	25	35