

Algal Report - 2008

Water sample results

Government Laboratory

Thie-scroodie-stoo Yn Reiltys

Department of Local Government and the Environment

The concentrations of algae that trigger additional sampling are:

PSP – presence of cells

DSP – 100 cells per litre

ASP – grouped *Pseudo-nitzschia* – 150 000 cells per litre in England, Wales & Scotland and 50 000 cells per litre in Ireland

Date	Latitude N	Longitude W	IS ident		Location	Depth	ASP cells per litre	DSP cells per litre	PSP cells per litre
11-Feb-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-surface	120	0	0
11-Feb-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-bed	160	0	0
11-Feb-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-surface	320	0	0
11-Feb-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-bed	120	0	0
11-Feb-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	120	0	0
11-Feb-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	80	0	0
11-Feb-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	160	0	0
11-Feb-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	200	0	0
11-Feb-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	200	0	0
11-Feb-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	200	0	0
25-Mar-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-surface	80	40	0
25-Mar-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-bed	2560	0	0

Date	Latitude N	Longitude W	IS ident		Location	Depth	ASP cells per litre	DSP cells per litre	PSP cells per litre
25-Mar-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-surface	40	0	0
25-Mar-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-bed	120	0	0
25-Mar-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	400	40	0
25-Mar-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	80	80	0
25-Mar-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	200	0	0
25-Mar-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	280	0	0
25-Mar-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	400	0	0
25-Mar-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	240	0	0
02-May-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-surface	220	40	0
02-May-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-bed	1280	20	0
02-May-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-surface	2940	20	0
02-May-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-bed	4200	0	0
02-May-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	940	0	0
02-May-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	220	0	0
02-May-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	60	0	0
02-May-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	500	100	0
02-May-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	1200	0	0
02-May-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	900	0	0
12-May-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-surface	2040	0	0
12-May-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-bed	2280	20	0
12-May-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-surface	2020	40	0
12-May-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-bed	2240	60	0
12-May-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	7160	60	0

Date	Latitude N	Longitude W	IS ident		Location	Depth	ASP cells per litre	DSP cells per litre	PSP cells per litre
12-May-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	2440	0	0
12-May-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	10440	80	0
12-May-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	8720	0	0
12-May-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	3240	0	0
12-May-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	2700	0	0
01-Jun-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	41240	80	0
04-Jun-08	54 08.76	04 27.53	IS 15	east of IoM	Douglas	near-surface	5920	80	0
12-Jun-08	54 09.05	04 27.57	IS 15	east of IoM	Douglas	near-surface	18520	0	0
12-Jun-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	8300	0	0
12-Jun-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	41500	0	0
19-Jun-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	5240	20	0
19-Jun-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	12280	20	0
19-Jun-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	2120	20	0
19-Jun-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	2020	0	0
19-Jun-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	6260	0	0
19-Jun-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	7140	40	0
24-Jun-08			IS 14	west of IoM	Port Erin Bay	near-surface	15620	20	0
2-Jul-08			IS 14	west of IoM	Port Erin Bay	near-surface	980	0	0
18-Jul-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-surface	1780	340	0
18-Jul-08	54 05.50	04 50.00	IS 14	west of IoM	Bradda	near-bed	3420	60	0
18-Jul-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-surface	7640	80	0
18-Jul-08	54 21.50	04 38.00	IS 09	west of IoM	Targets	near-bed	7650	80	0
18-Jul-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-surface	40	40	0

Date	Latitude N	Longitude W	IS ident		Location	Depth	ASP cells per litre	DSP cells per litre	PSP cells per litre
18-Jul-08	54 20.47	04 17.47	IS 10	east of IoM	Ramsey	near-bed	640	0	0
18-Jul-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-surface	5160	0	0
18-Jul-08	54 12.00	04 23.00	IS 15	east of IoM	Laxey	near-bed	7920	0	0
18-Jul-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-surface	2060	20	0
18-Jul-08	54 05.00	04 30.00	IS 14	east of IoM	Santon	near-bed	1520	0	0