

SERMG Quarterly Report (February 2009-April 2009)

* Note: Units of Activity are Bq/kg wet weight with the following exceptions: Eggs – Bq/egg; grass – Bq/square metre; honey – Bq/kg; milk and water – Bq/litre; soil, sediment and shellfish – Bq/dry weight.

- below limit of detection

n.a. not analysed

Berkshire, Buckinghamshire and Oxfordshire

Milton Keynes

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
03/03/2009	Kale	Milton Keynes	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	16	181
05/03/2009	River weed	Tongwell Brook	-	-	-	-	-	-	-	-	67	89
01/04/2009	River weed	Tongwell Brook	-	-	-	-	-	-	-	-	29	98

Reading

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
26/03/2009	Soil and Freshwater Sediment	Waterloo Meadows	-	-	-	-	-	-	-	5	-	264
26/03/2009	Grass - Noncultivated	Waterloo Meadows	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	30	290

West Oxfordshire

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
15/04/2009	Milk	Great Rollright	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	39

Wycombe

			Activity									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
11/02/2009	Onion & leek	Little Marlow	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	61

Devon and Cornwall

Exeter

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
03/03/2009	Soil and Freshwater Sediment	Local allotments	-	-	-	-	-	-	-	11	-	566
03/03/2009	Sediment	Topsham	-	-	-	-	-	-	-	5	5	625
14/04/2009	Mixed leaves	Local allotments	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	127
19/04/2009	Fruit	Local allotments	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	5	123

Plymouth

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
25/02/2009	Soil and Freshwater Sediment	Houndiscombe Park	-	-	-	-	-	-	-	26	3	745
25/02/2009	Grass - Noncultivated	Houndiscombe Park	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	92	97
27/03/2009	Sediment	Saltash	-	-	-	-	-	-	-	4	19	729
27/03/2009	Seaweed	Devils Point	-	-	-	-	-	-	-	-	-	294

Torbay

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
31/03/2009	Soil and Freshwater Sediment	Barcome Heights	-	-	-	-	-	-	-	3	-	839

Torridge

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
11/02/2009	Onions	Bideford	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	42
17/03/2009	Shellfish	Westward Ho!	-	-	-	-	-	-	-	-	37	387
17/03/2009	Seaweed	Westward Ho!	-	-	-	-	-	-	-	-	-	295
29/04/2009	Grass - Noncultivated	Torrington	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	34	113
29/04/2009	Soil and Freshwater Sediment	Torrington	-	-	-	-	-	-	-	8	-	678

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- below limit of detection

n.a. not analysed

Hampshire, Dorset, Wiltshire and Isle of Wight

Bournemouth

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
18/02/2009	Sediment	Hengistbury Head	-	-	-	-	-	-	-	2	11	138
18/02/2009	Seaweed	Hengistbury Head	-	-	-	-	-	<1	-	-	4	254
18/03/2009	Grass - Noncultivated	Northbourne	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	251
18/03/2009	Soil and Freshwater Sediment	Northbourne	-	-	-	-	-	-	-	9	-	257

Eastleigh

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
25/02/2009	Free Range Eggs	Hamble	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	3
31/03/2009	Grass - Noncultivated	Hamble	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	17	263
01/04/2009	Grass - Noncultivated	Eastleigh	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	<1	53	216
01/04/2009	Soil and Freshwater Sediment	Eastleigh	-	-	-	-	-	-	-	3	-	312

New Forest

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
17/02/2009	Sediment	Needs Ore Point	-	-	-	-	-	-	-	1	10	235
17/02/2009	Seaweed	Needs Ore Point	-	-	-	-	-	-	-	-	7	209
17/02/2009	Honey	Ringwood	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	25	-	98
17/02/2009	Potatoes	Totton	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	159

Southampton

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
25/03/2009	Grass - Noncultivated	Southampton	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	147	174
25/03/2009	Soil and Freshwater Sediment	Southampton	-	-	-	-	-	-	-	<1	-	354
22/04/2009	Seaweed	Weston Shore	6	-	-	-	-	-	-	-	-	213
22/04/2009	Sediment	Weston Shore	-	-	-	-	-	-	-	<1	5	159

West Sussex

Chichester

			Activity*									
			¹³¹ I	⁵⁴ Mn	⁶⁵ Zn	⁵⁷ Co	⁵⁸ Co	⁶⁰ Co	¹³⁴ Cs	¹³⁷ Cs	⁷ Be	⁴⁰ K
04/02/2009	Meat	Funtingdon	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	90
04/02/2009	Free Range Eggs	Chichester	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	-	3
09/03/2009	Soil and Freshwater Sediment	East Lavant	-	-	-	-	-	-	-	13	-	230
09/03/2009	Grass - Noncultivated	East Lavant	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-	-	106	167
07/04/2009	Shellfish	Chichester Harbour	-	-	-	-	-	-	-	-	-	-
22/04/2009	Seaweed	East Beach, Selsey	-	-	-	-	-	-	-	-	2	200