



ENVIRONMENT
AGENCY

Environment Agency

Special Waste Statistics

1994-7

Brenda Henderson
Olton Court
Sep-98



EA - Midlands Box 6



Our ref:
Your ref:

Date: 30 September 1998

Philip Paul
Zone 5/C2 Fifth Floor
Ashdown House
123 Victoria St
London
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Dear Philip



ENVIRONMENT
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WMRG	
Received:	5/10/98
Attention:	MC (263)
Passed to:	
File Ref:	1812

REPORTING REQUIREMENTS UNDER THE EC FRAMEWORK DIRECTIVE ON WASTE: HAZARDOUS WASTE

In order to enable the UK to meet its reporting requirements on the implementation of the EC Framework Directive on Waste (75/442/EEC as amended) I attach information on Special Wastes for the fiscal years 1994-97. The Environment Agency inherited responsibility for the provision of this information from the former Waste Regulation Authorities.

The information for this period, which covers Agency and Local Government reorganizations, is largely complete. Information for the years 1994/6 was obtained from notes consigned under the requirements of the Control of Pollution Act 1974. For September 96 to March 97 information was derived from notes consigned under the requirements of Section 62 of the Environment Act 1990 which included new categorizations of waste as 'Special'. This recategorization may have implications when establishing overall trends for this period.

The collection of this data has been very time-consuming. Because there were so many unknowns relating to where the information was and how it was stored we have not been able to take advantage of your offer of consultancy help in the form that we would have preferred. Hopefully if you consider there is any further verification work or reports are required in relation to these figures you may consider using consultancy for this to be the best option.

The data has been obtained from a number of sources as WRAs had not been formally requested to provide information since 1993 and some stopped preparing their summaries of special waste data. Others had their information on computer systems which are no longer supported. Other information has been lost when staff, who had the first-hand knowledge of the information required, had either moved on within or outside the Agency.

Information gathered under the 1996 regulations varies greatly in quality. In particular the quality of information provided on consignment notes was very poor due to unfamiliarity with the new regulations. Improvements to the SWaT tracking system in the Agency, along with increasing familiarity in industry has now resulted in steady improvements over 1997/8 and the 1998/9 data should be good.

Where there were outstanding consignment notes still to be entered for 1996/7 it was not considered viable to enter these at this stage. Accordingly a 1 in 8 sampling exercise of those

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not entered was undertaken to an established national protocol. The validity of this was verified with Derek Edwards, our statistician, and Barbara Leach of M E L Associates. Some sampling to the same protocol has also been carried out for previous years where no other data was available.

For 1994/7 pre-SWaT data a number of sources were used. In some cases, where there is no obvious correlation, I am submitting more than one set of figures for a particular county. Main sources were former WRA Annual Reports, old area computer systems and records, and informed estimates on the part of local staff with knowledge of the Waste facilities and movements, backed up by consignment note sampling. Where estimates have been used this is clearly identified. Records have been kept of all submissions and their sources.

All data has been provided in tonnes, by county and by fiscal year as agreed under the headings requested. Unless otherwise identified figures given are raw data. Where figures were not available for the 'Breakdown of Fates' information has been given by Waste Stream under the 1980 regulations.

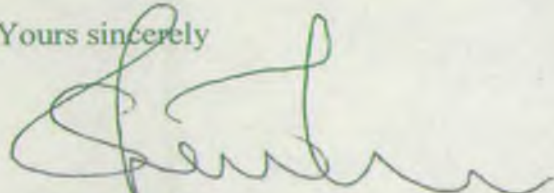
The data recovery for England only is as follows:-

	Arisings etc Percentage of WRAs/counties providing information	Breakdown of Fates Percentage of WRAs/counties providing information
1994/5	100%	93%
1995/6	89%	67%
1996 pre SWaT	59%	37%
1996/7 SWaT Period	37% + SWaT database*	43% + SWaT database*
(* Refers to O/S consignment note sampling for 1996/7.	n.b. Not all areas will have O/S consignment notes	Therefore 100% return not feasible.)

I am very pleased to include data from Wales where there has been a long history pre-Agency of difficulty in recording and collating statistics. The statistics provided have been quality assured where possible and are generally as accurate as can reasonably be obtained. I assume that you will liaise with the Welsh Office and advise them and us which figures you finally intend to use.

If you have any queries regarding this information, or if further information is required, please contact Ms Brenda Henderson who has managed this data collection exercise.

Yours sincerely



STEVE LEE
Head of Function

DETR Returns 1994/5



Raw Data

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	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Avon	37700	8119	0	0	8119	23600	14100	153	4729	0	0	6483	
Avon	33843					22478	11365						
Bedfordshire	21248	218241	7955	0	226196	3522	238280	0	222821	10125		0	5335
Bedfordshire						9165							
Berkshire	38558	2471	0	0	2471	38236	2793	0	564	55	1	2104	69
Buckinghamshire	8315	2248	0	0	2248	7686	2877	282	2500	0	0	0	95
Cambridgeshire*	10635.27	2876.82			2876.82	12618.76	249.8						
Cheshire*3	132157	149224			149224	80930	200451						
Cheshire*3	106947												
Cleveland	244187	8522			8522	112563	140146	6656	160443	73352		3736	
Cornwall	1389	0	0	0	0	1342	47	0	47	0	0	0	
Cumbria*3	12103				25570	8416	29257	7314	8777	12580		585	
Derbyshire	60515	85659			85659	52604	93570	7500	1570	77600	6900		
Devon	9102	408			408	4478	5032	31/0	49774904		128	0	
Durham	31372	10438				20934	16088		3530	12588			
Dorset	3909.203	650.41				3471.4003	650.41	0	477.975			172.435	
East Sussex	28219	13264	443	0	18765	28193	18791	2	0	0		13251	81
East Sussex					9133		13334						
Essex	56021	107633	909	0	107637	42547	121199	0	102590	88101	462	167	7104
Essex										11338			
Gloucestershire	1124.2				39707.2	1835.4	40831.4						
Greater Manchester*3	216478est	117478			117478	45220		2887.36	53416	32915.9		45620	153607
Greater Manchester*3	83986	127368			127368	43780	167574						
Greater London	145629	7517	478	0	7995	158944	36152	14802	12812	478	1902	0	6158
Hampshire	21159	19891	847	0	20738	18081	23816	19634	850	333	0	0	2999
Hereford & Worcester	16000est				some			some					some
Hertfordshire	17282	4998	0	0	4998	12290	10043	0	0	9336	0	1	706
Humberside*	52853	1485			1485	40089	12764						
I o W	333	0	0	0	0	329	4	0	4	0	0	0	0
Kent	31162	18613	0	2	18615	29174	22085	2	16979	0	462	2578	2064
Lancashire*	118881	60172.1	1595.9	100	61868.9	41377				139372			
Lincolnshire*	2504	63			63	2331	173						

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Leicestershire*	18281.19	2234.37			2234.37	17592.81	2922.75						
Merseyside*3	27354	25719			25719	38585	14488						
Norfolk*	8284.3	695.2			695.2	7335.4	1644.1	3.8	676.8	3.1	0.1	38.8	511.9
Norfolk*	9906.7	893.2			893.2	8408	2391.9						264.2
N Yorks*	11210.56	2963.76	15.41		2979.17	10678.68	531.88						
Northamptonshire	8155	25840			25840	6455	8214						
Northamptonshire	1700	6514				6455	8213						
Northumberland*	18012.7				19	17993.7	19						
Nottinghamshire*	29322				6112	24944	10490						
Oxfordshire	7570	1529	0	0	1529	7583	1517	0	1517	0	0	0	2099
Oxfordshire	9670						3616						
S Yorks	60000				78000	44000	18000	20	34841	37165			
Shropshire*	11003				5274	10819	5457						
Shropshire	12290.2				4745.2	12102.1	4933.3						
Somerset*2	4751.6					3203.8	1547.8						
Staffordshire	45395				16480	42048	19827	10	17930	1150			
Suffolk	27768	823	1	0	824	27585	1007	0	679	0	0	328	
Surrey	10289	802	0	0	802	9694	1135	0	354	0	0	0	781
Tyne & Wear	29373	20923				20373		2	18123			11798	
W Midlands	183454	180240	2048	3	182291	80378	285367	5755	1949	216111	27083	34469	
W Yorks	168740	90090			90090	105370	153460						
W Sussex	5643	119	0	0	119	5223	539	0	390	0	0	0	149
Warwickshire	68200				253700				321900				
Warwickshire*4	12340.63	39.39	0	0	39.39	10935.05	1405.59	0	1062.9	309.51	32.05	1.13	
Wiltshire	6077.2	11851.9	0	0	11851.9	12641.6	0	0	5001.2	7640.3	0	0	

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County* = Further information available by DoE Waste Stream classification

County*2 = Further information available from other years

County*3 = Information on fates available for region but estimated for county.

County*4 = Figures based on 1 in 8 sampling.

Totals (with caution) 2105924.75 1338616 14292.31 105 1757382.4 1396637.7 1768398.93 65023.16 50771438 730552.81 36970.15 121332.4 181759

Actual figures will not include alternatives or estimates.

by DoE Classification

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		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	Totals
		Inorganic Acids	Organic Acids & Related Compounds	Alkalis	Toxic Metals	Non Toxic Metal Compounds	Metals	Metal Oxides	Inorganic Compounds	Other Inorganic Compounds (Asbestos)	Organic Compounds	Polymeric Materials & Precursors	Fuel, Oil & Greases	Fine Chemicals & Biocides	Miscellaneous Chemical Waste	Filter Materials, Treatment Sludge & Contaminated Rubbish	Interceptor Waste, Tars, Paint, Dyes, Pigments	Miscellaneous Waste	Animal & Food waste	Clinical waste	
Former County WRAs																					
Cambridgeshire	isposal withi	20.69	20.7	1					22.17	15	94.76			10.09	6.15	0.45		49.73		9.07	
Cheshire	Within																				
	Imported																				
Cornwall	Within																				
	Imported																				
Derbyshire	Within																				
	Imported																				
Gloucestershire	Within																				
	Imported																				
Hampshire	Within	254	254	1791				408		3057	6304		1354	1870		2651	2716	500			
	Imported																				
Hereford & Worcester	Within																				
	Imported																				
Hertfordshire	Within	425	426	5839				2062		4207	3507		40	14		20	0	742			
	Imported								0	616	166	224	238	120	210	5201	380	1666			
Humberside	Within	233.5	233.5	189		376			0	616	166	224	238	120	210	5201	380	1666			
	Imported																				
Lo W	Within	8	9	7				13		241	28		12	1		13	0	1			
	Imported																				
Kent	Within	2255	2255	3862				2828		2347	6463		4216	214		1080	40	5582			
	Imported																				
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	Totals
Greater London	Within	7279	7279	2581				33232		77136	7814		241	73		7377	150	2467			
	Imported																				
Lancashire	Within	35892	35892							5936	54652					1005		5995			
(from annual report)		36641	36641	9942						6273	20427							7744			
Lincolnshire	Within	100	0	579	18					412	993	5	43	21	150	38	49			135	
	Imported																				
Leicestershire	Within	0		679	0	0		0	0	2.3	7.08	0	0	0	0	0	0	0	0	0	0
	Imported	1086.49		0	68.19	0		0	0	4.19	344.93	0	363.28	4.03	0	0.82	249.86	112.56	0	0	0
Merseyside	Within																				
	Imported																				
Norfolk	Within	3.1	3.1	0.6					16.8	771.4	596.1			5.5	2.1			100			
	Imported	1.1	1.1	0.9					17.2	59.5	629.6			48	2.4			134.4			
N Yorks	isposal withi	3.087667	3.087667	3.087667	23					349.9	146.768			0.012	2.91					0.03	
	Imported																				
Northamptonshire	Within																				
	Imported																				
Northumberland	Within	835.2333	835.2333	835.2333	217			249	3148.1	4954	5286.6			3.1	85.8		101.7	91.8		1363	
	Imported																				



		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	Totals
Former County WRAs																					
Nottinghamshire	Within	214.26	0	0.2	9.06	0	0	0	1.7	5450.15	189.17	2.27	50.29	15.64	90.71	1124.55	147.02	12.92			
	Imported	1280								2526	661						230	554			
Oxfordshire	Within	327	327	1506				1178		2636	1677		19	94			3	1245			
	Imported																				
Shropshire	Within									102.5				2			79				
	Imported	1793									2743						527				
Somerset(93/4 figs)	Within	0.1		0.1	0.9				0.6	65	26.2				7.2			1360.7	0.1		
94/5 arisings (no exp/rein breakdo	Within	850.5		89	0.4				149.6	994.7					557.9			1439.4			
Surrey	Within	124	125	85				127		559	675		37	10			7	7974			
	Imported																				
W Yorks	Within																				
	Imported																				
W Sussex	Within	495	498	182				1345		743	1454		0	34				481	0	433	
	Imported																				
Warwickshire	Within																				
	Imported																				
Wiltshire	Within																				
	Imported																				
	Imported																				

DETR Returns 1995/6



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[illegible]



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	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Lo W	4					4	0						
Lo W	57					0							
Lo W	793.405	0	0	0	0	578.405	215	0	203.15	0	0	0	11.85
Kent	42039.7	10801	4			31238.7	1678.8	59.1	1287.3				386.4
Kent	17626					16992							
Lancashire	368555	65688			65688	33093	401150						
Lancashire	371541	59746	5680	333	65756	36727	400570	1	320541	7008	657	72363	
Lincolnshire								5.854	715.921	487.554			1135.665
Lincolnshire	2350.743				1601.861	2293.012	1659.592		1601.59				
Leicestershire	30162	11213.57			11213.57	24239.67	17136.17						
Merseyside	22710				20767	34025	10826						
Norfolk								15.9	18.2	120			3.8
Norfolk	15095.8	758.7			758.7	14005	1090.8	1.9	389.5	0	0.3	41.7	292.8
N Yorks	12486.72	2069.668	34.231	0	2103.899	11856.96	629.7604						
Northamptonshire									8477	415			3833
Northamptonshire								2726.1	2371.2	2465.5			639.7
Northumberland	25370				6927	20511	11786	0	4859	0		6927	
Nottinghamshire	31809	6385					12172						
Oxfordshire	16052.4	5110.3	0	0	5110.3	19165.6	1997.1	0	1997.1	0	0	0	8191.2
Oxfordshire						126706	8797						
Shropshire	11577.2	3709			3709	11395	3891.2						
Somerset	5318					3808.9	1509.1						
S Yorks	13085.82					39312.9	63236.49	1.74	27202.9	35233.76		13883.73	
Staffordshire	42000	10020	360	0	9890	34740	6890	10	3940	0			2940
Suffolk	27405	1006	1	0	1007	27123	1289	98	750	0	0	441	
Surrey	6100				4627	5959	4989	0	4955	0		12	22
Tyne & Wear	40944	30689			30689	27330	13614	0	28500	0		15803	
W Midlands	170300	225167	2782	1	227950	61022	337228	5014	649	257466	29244	44855	
W Yorks													
W Sussex	6951				0	6264	705		659				
Warwickshire	To follow												
Wiltshire	5777.4	33998.1	0	0	33998.1	35098.7	0	104	21893.1	13101.6	0	0	

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Information Required to fill in Gaps on 1995/6 Returns

[illegible]



		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	Totals
		Inorganic Acids	Organic Acids & Related Compounds	Alkalis	Toxic Metals	Non Toxic Metal Compounds	Metals	Metal Oxides	Inorganic Compounds	Other Inorganic Compounds (Asbestos)	Organic Compounds	Polymeric Materials & Precursors	Fuel, Oil & Greases	Fine Chemicals & Biocides	Miscellaneous Chemical Waste	Filter Materials, Treatment Sludge & Contaminated Rubbish	Interceptor Waste, Tars, Paint, Dyes, Pigments	Miscellaneous Waste	Animal & Food waste	Clinical waste	
Former County WRAs	Within																				
To W	Imported																				
Greater London	Within																				
Lancashire	Imported																				
Lincolnshire	Within	141.625		326.409	48.271	0.06			0.001	530.435	930.796	2.49	50.643	55.38	99.477	52.41	72.055	35.578	0.1	8.256	
Leicestershire	Imported																				
	Within	161.22	0	4406.09	50	0	0	0	1.2	425.58	170.46	0	645	1.5	1	17	1	42.35	0	0.2	5922.6
Merseyside	Imported	1072.86	0	411	0	0	0	0	0	166.89	8973.96	1	59.01	2.17	22.73	0.12	173.01	330.49	0	0.33	11213.57
	Within																				
	Imported																				
Norfolk	Within	72.5		86.4																	
	Imported																				
N Yorks	Within																				
	Imported																				
Northamptonshire	Within	381		2584		115			855	3555	2256	922		190	611	1226		30			
	Imported																				
Nottinghamshire	Within																				
	Imported																				
Oxfordshire	Within																				
	Imported																				
Shropshire	Within																				
	Imported																				
Somerset	Within	890.6		23.5	0.4				838.3	154.4	1459.1				581.4			1362.3			
	Imported																				
Surrey	Within	19.8	19.8	2.6						377.2	30.1		4.9	0.5		95.6	6.7	98.4		2518.3	
	Imported																				
W Sussex	Within																				
	Imported																				
Warwickshire	Within																				
	Imported																				
Wiltshire	Within																				
	Imported																				

DETR Returns Apr 96 to Aug 96

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All samples multiplied by eight



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	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Avon													
Bedfordshire													
Berkshire	3688	1104	0	0	1104	3374	14187	162	233	18	0	630	375
Buckinghamshire	4106	16006	0	0	16006	3136	16980	0	125600	0	0	0	197
Cambridgeshire													
Cheshire													
Cleveland	53911						11668						
Cornwall	734	0	0	0	0	689	45						
Cumbria													
Derbyshire													
Devon	4282	46	0	0	46	2630	1698	0	1698	0	0	0	
Devon	5117	76			76		2563	6	2557				
Durham	9239				6149	4096	6524						
Dorset													
East Sussex	Do not have complete collated data for this period												
Gloucestershire (5/8 pro rata)	2037.5	30918.75			30918.75	3037.5							
Greater Manchester													
Greater London													
Hampshire	10339	5159	0	0	5159	9527	809	297	8	266	0	0	238
Hereford & Worcester													
Hertfordshire	7808.5	2854	0	0	2854	7188.5	3474	0	0	3232	0	0	242
Humberside													
Illo W	121.272					66.022	55.25		54				1.25
Kent	On their database												
Greater London	70182	3852	0	0	3852	76598	17422	7133	6174	230	916	0	2967
Lancashire	84515	28811	2536	92	31439	17899	98055	1	54051	4488	255	39260	
Lincolnshire	983.781				111.37	937.295	157.955	0	124.98	0	0	0	32.975
Leicestershire	10645.51	9046.05			9046.05		9321.716						
Merseyside													
Norfolk	3775.4	206.2			206.2	2999.2	776.2	80	432	2.2	0.2	13.4	52.1
N Yorks	1374	11504	13		11517		12891						

196.3unknown



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	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Northamptonshire													
Northumberland	6956				1387	4096	6524						
Nottinghamshire													
Oxfordshire	16980.3	1940.7	0	0	1940.7	17695.3	1225.7	0	1225.7	0	0	0	2289.8
S Yorks	43558.42				49142.3	34199.2	9359.22	0.12	16661.38	26547.19		15292.83	
Shropshire	5591.8	1832.7			1832.7	5427	1997.5						
Somerset	Consignment notes available												
Staffordshire	42000	9800	90	0	9890	34740	17150	Figures based on whole fiscal year					
Suffolk	15238	575	1	0	576	15060	754	67	516	0	0	171	
Surrey	3696.9					1160	2537		2512			25	0.2
Tyne & Wear	11246				6149	4096	6524						
W Midlands	103238	159813	5029	0	164842	38379	229701	2486	2452	178113	22783	23867	
W Yorks													
W Sussex	3413	9	0	0	9	2969	373	0	373	0	0	0	0
Warwickshire													
Wiltshire	5521.3	7892.1	0	0	7250.4	1911	88	5441	3337.5	0	0	2	

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Summary of Sample Consignment Forms for SWaT Backlogs 1996/7

All samples multiplied by 8

[illegible]



		Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Lancashire		535.45	709.855	40.045		749.9	1285.72		107.38		56.19	1122.15	
Lincolnshire	No O/S Backlog												
Leicestershire		3.06											
Merseyside													
Norfolk	All docs on bar four!												
N Yorks													
Northamptonshire	No O/S Backlog												
Northumberland													
Nottinghamshire		1111.344				4610.68						5716.33	5.6912
Oxfordshire	No O/S backlogs												
S Yorks*		5452.416	3718.488	74.68	0	3793.168	1659.248	0	348.4	315.768	240.208	790.872	
Shropshire													
Somerset													
Staffordshire								8.468	111.84	8.1		2411.168	359.3904
Suffolk	No O/S backlogs												
Tyne & Wear													
W Midlands													
W Yorks													
W Sussex	No O/S backlog												
Warwickshire									3603.453	(N Warks)			
Wiltshire													

Brenda Henderson Sept 1998

* Figs for exports n/a. Notes received relate only to waste imports.

DETR Returns SWaT Programme Sept 96 -Mar 97



All figures in tonnes

	Arisings (excl. Exports)	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Avon	6732.046	2520.922		0	2520.922	9252.968						
Bedfordshire	1489.723	115842.1	1221.817	0	117063.9	118553.7						
Bedfordshire(Thames)	7.30275	1.2285		0	1.2285	8.53125						
Berkshire	10024.75	1623.795		0	1623.795	11648.55						
Buckinghamshire	28606.75	16393.28	109.705	0	16502.98	45109.73						
Cambridgeshire	227.88	8384.137	10.15459	0	8394.292	8622.172						
Cheshire	67588.15	37338.9	2650.5	0	39989.4	107577.5						
Cleveland	90372.64	1923.431	314.38	0	2237.811	92610.45						
Cornwall	9316.997	1.9662	1.3638	0	3.33	9320.327						
Cumbria	11299.53	13740.81	3659.679	0	17400.49	28700.02						
Derbyshire	19862.84	29626.32	952.1	0	30578.42	50441.26						
Devon	3272.57	167.3471		0	167.3471	3439.917						
Durham	10141.55	2845.64	58.21875	0	2903.859	13045.41						
Dorset	946.0386	149.8574		0	149.8574	1095.896						
East Sussex	848.5908	3973.274	1977.4	0	5950.674	6799.265						
East Yorks & Yorks	1324.979	56.14823	4.64	0	60.78823	1385.767						
Essex	7111.41	87577.7	424.5	0	88002.2	95113.61						
Gloucestershire	19622.84	30500.38	194.868	0	30695.25	50318.09						
Greater Manchester	51706.14	32560.28	1384.896	0	33945.17	85651.31						
Greater London	9921.462	4349.147	31.54375	0	4380.691	14302.15						
Hampshire	14660.42	9597.567	499.466	0	10097.03	24757.46						
Hereford &	37.5747	3791.202	8.096	0	3799.298	3836.873						
Hertfordshire	10148.79	5899.349		0	5899.349	16048.14						
I o W	With Hampshire											
Kent	31812.71	82409.19	1019.185	0	83428.37	115241.1						
Lancashire	121948.7	49745.82	3354.65	0	53100.47	175049.2						
Lincolnshire	4139.69	24156.46	0.409	0	24156.87	28296.56						

	Anisings (excl. Exports)	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Retained		Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Leicestershire	1254.778	2351.176	2.568	0	2353.744	3608.522						
Norfolk	3552.33	5444.948	77.5314	0	5522.479	9074.809						
N Yorks	1688.1	1149.651	2.904	0	1152.555	2840.655						
Northamptonshire	1809.45	45969.13	1.8184	0	45970.95	47780.4						
Northumberland	6592.131	3635.999	521.82	0	4157.819	10749.95						
Nottinghamshire	10200.53	16062.52	176.2342	0	16238.76	26439.28						
Oxfordshire	1736.943	320.0151		0	320.0151	2056.958						
S Yorks	49799.11	58809.19	8182.8	0	66991.99	116791.1						
Shropshire	7258.66	112550.1		0	112550.1	119808.8						
Somerset	1516.486	45		0	45	1561.486						
Staffordshire	6403.895	5580.351		0	5580.351	11984.25						
Suffolk	2176.5	6816.784		0	6816.784	8993.284						
Surrey	10598.27	4929.3		0	4929.3	15527.57						
Tyne & Wear	47569.15	10128.23	1145.113	0	11273.34	58842.49						
W Midlands	94706.29	51358.31	749.6847	0	52107.99	146814.3						
W Yorks	176841.2	444170.5	2003.164	0	446173.7	623014.8						
W Sussex	1385.506	64.22389		0	64.22389	1449.73						
Warwickshire	45947.57	795.4625	2.46201	0	797.9245	46745.49						
Willshire	1108.76	3339.81	21.791	0	3361.601	4470.361						
No Arising/Destn given	604318.3				123.3804	123.3804						
Wales	45198		1202.815		28807.64	74005.64						
SEPA	33.9		33.9		33.9	33.9						
Totals	1654868	1338697	32002.18	0	1398427	2448943						

Table 2 Regional Breakdown

Anglian Region	86183.76	229964.1	1736.231	0	231700.3	317884
Midlands Region	207344.6	248943.3	2127.339	0	251070.6	458415.3
North East Region	384328.8	522718.8	12233.04	0	534951.8	919280.6
North West Region	252542.5	133384.8	11049.73	0	144434.5	396977
Southern Region	48707.23	96044.24	3496.064	0	99540.31	148247.5
South West Region	22926.74	6177.646	23.1548	0	6200.801	29127.54
Thames Region	69364.15	35340.67	143.2488	0	35483.92	104848.1
Wales	45198	27604.82	1202.815	0	28807.64	74005.64
No Arising Given	604318.3	SEPA Int'l	33.9 No Destn		123.3804	
SEPA Exports to Regions			32011.62 tonnes			
Totals	1720914	1300178	32045.52	0	1332313	2448786

Brenda Henderson
Dr Chris Hall
Sep-98

n.b Discrepancies are due to incomplete or poorly
entered records
Figures from sampling procedures should be added to
these totals where appropriate.



Environment Agency

Special Waste Statistics

Wales

1994-7

Brenda Henderson
Olton Court
Sep-98

From: Richard Bernhardt
To: MID.Solihull3.hendeb
Date: 11 September 1998 12:37pm
Subject: Special Waste - What you've been waiting for.

Attached Special Waste Returns for SE and SW Wales North to follow but probably Monday.

As you are aware the records inherited from the former WRA's in Wales (25 in SE and SW) are patchy to the say the least. From the quality of the returns made in previous years it is clear that the regulation of the 1980 Regs varied widely (and interpretation of the DETR return) and therefore having or not having records for a particular year / district could mean, Lost, never existed or indeed destroyed. To compound the problems, Local Government reorganisation coincided with the formation of the Agency and various district were combined disbanded and moved. I'm sure records have disappeared into the abyss/never transferred.

I attach two spreadsheets

Brenda (sorry but I have so many files called DETR I had to call it something distinctive) contains the raw data from the sampling exercise. It is clear that there are some significant gaps due in the main to the lack of/non existence of notes. The sampling of Apr- Sept 1996 has on the whole generated some reasonable figures.

Brenda1. This spreadsheet contains the Data that I recommend you forward to DETR as the return for Wales. The Apr Sept 1996 return is generally as per the sampling exercise. I have then used previous Welsh Office figures/ site returns and the Apr Sept 1996 data as the two reference points. The intervening years have been completed using these two reference points, the sampling exercise figures, site returns, local knowledge from EPO's/ Licensing Teams of particular arising /facilities. I have also undertaken an assessment of special waste arising in England based on population and used this assessment to QA the figures generated. In view of the boundary changes, I feel largely happy with the quality of the return.

Any queries please call.

Richard
7-26-2306

CC: Cardiff2.herbed, Cardiff2.millsm, Swansea1.evansa2...

From: Richard Bernhardt
To: MID.Solihull3.hendeb
Date: 15 September 1998 4:24pm
Subject: DETR

Brenda

Attached the results of the sampling exercise for North Wales. Unfortunately it has only been provided by Unitary Authority rather than District Council and Uintary. The quality of the data from the sampling exercise was considereably better than for SE and SW areas.

detwrx1 and detfrm1 are my massaged figures which as mentioned on the phone have yet to be agreed to by Cathy. The remaining three are the raw data from the sampling exercise.

To generate my figures, I used the same principales as for SE and SW ie previous Welsh Office figures local knowledge of EPO's etc (no site returns used) and comparisons with England. However I have relied to a greaterextend on the samling figures. The only problem with previous Welsh office figures is that the boundaries changed and hence Special waste sites may have changed councils.

I will let you know Cathy's comment as soonas I get them. prob thursday.

Richard

DETR Returns Wales 94-5 Best Estimates



	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S E Wales													
Radnorshire	169	0	0	0	0	169	0	0	0	0	0	0	0
Brecknock	90	0	0	0	0	90	0	0	0	0	0	0	0
Monmouth	940	0	0	0	0	940	0	0	0	0	0	0	0
Torfaen	5920	14699	0	0	14699	5000	15619	15619	0	0	0	0	0
Blaenau Gwent	2319	1100	0	0	1100	2470	949	0	909	0	0	0	40
Islwyn	410	0	0	0	0	410	0	0	0	0	0	0	0
Newport	18050	12050	0	0	12050	16150	13950	0	0	13950	0	0	0
Rhymney Valley	4510	3500	0	0	3500	4100	3910	0	0	3000	0	0	910
Cardiff	8791	426	0	0	426	8650	567	0	0	0	0	0	567
Taff Ely	2543	0	0	0	0	2543	0	0	0	0	0	0	0
Merthyr Tydfil	1785	3570	0	0	3570	1550	3804	0	3804	0	0	0	0
Cynon Valley	1956	0	0	0	0	1956	0	0	0	0	0	0	0
Rhondda	2331	0	0	0	0	2331	0	0	0	0	0	0	0
Ogwr	9356	924	0	0	924	3780	6500	0	6500	0	0	0	0
Vale of Glamorgan	3300	0	0	0	0	3300	0	0	0	0	0	0	0
Sub Total	62470	36269	0	0	36269	53439	45299	15619	11213	16950	0	0	1517

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S W Wales													
Ceredigion	154	0.6	0	0	0	154	0.6	0	0	0	0	0	0.6
Dinefwr	180	0	0	0	0	180	0	0	0	0	0	0	0
Lliw Valley	3592	0	0	0	0	3592	0	0	0	0	0	0	0
Neath	1986	0	0	0	0	1400	586	0	586	0	0	0	0
Port Talbot	3800	0	0	0	0	3800	0	0	0	0	0	0	0
Swansea	5100	625	0	0	625	5100	625	0	0	0	0	0	625
Llanelli	5010	0	0	0	0	5010	0	0	0	0	0	0	0
Carmarthen	282	4.2	0	0	4.2	283	3.2	0	0	0	0	0	3.2
Preseli													
Pembrokeshire	3510	0.5	0	0	0.5	3100	410.5	0	410	0	0	0	0.5
South Pembrokeshire	5753.04	539	0	0	539	5800	492	0	492	0	0	0	0
Sub Total	29367.04	1169.3	0	0	1168.7	28419	2117.3	0	1488	0	0	0	629.3

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
N Wales													
Anglesey	5953	976	0	0	976	5753	1175	0	0	0	0	1175	0
Conwy	43	112	0	0	112	33	122	0	0	0	0	0	122
Montgomeryshire	550	0	0	0	0	550	0	0	0	0	0	0	0
Gwynedd	1856	0	0	0	0	1056	800	0	800	0	0	0	1
Denbighshire	599	0	0	0	0	599	0	0	0	0	0	0	0
Wrexham	12578	0	0	0	0	12228	350	0	350	0	0	0	0
Flintshire	20118	4040	0	0	4040	20005	4153	0	0	0	0	2653	1500
Sub Total	41697	5128	0	0	5128	40224	6600	0	1150	0	0	3828	1623

DETR Returns Wales 94/5 - Sampling Exercise



S E Wales

Radnorshire

Brecknock

Monmouth

Torfaen

Blaenau Gwent

Islwyn

Newport

Rhymney Valley

Cardiff

Taff Ely

Merthyr Tydfil

Cynon Valley

Rhondda

Ogwr

Vale of Glamorgan

Sub Total

Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
97.04	375.87	0	0	363.89	97.04	363.89	363.89	0	0	0	0	0
0	720.07	0	0	87.35	0	87.35	0	0	87.35	0	0	0
8791	426	0	0	426	9217	0	0	0	0	0	0	0
2543.04	0	0	0	0	2543.04	0	0	0	0	0	0	0
0	952.48	0	0	92.16	0	3638.1	0	3638.1	0	0	0	0
182.32	0	0	0	0	182.32	0	0	0	0	0	0	0
68.68	0	0	0	0	68.68	0	0	0	0	0	0	0
41.28	924.8	0	0	924.8	4.88	961.2	0	961.2	0	0	0	0
0.16	0	0	0	0	0	0.16	0	0	0	0	0	0
11723.52	3399.22	0	0	1894.2	12112.96	5050.7	363.89	4599.3	87.35	0	0	0



ENVIRONMENT
AGENCY

S.W. Wales

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Ceredigion	154.32	0	0	0	0	154.32	0	0	0	0	0	0	0
Dinefwr	180.4	0	0	0	0	180.4	0	0	0	0	0	0	0
Lliw Valley	3592.8	0	0	0	0	3592.8	0	0	0	0	0	0	0
Neath	511.04	0	0	0	0	499.6	11.4	0	11.4	0	0	0	0
Port Talbot													
Swansea	699.52	124	0	0	0	179.6	0	0	0	0	0	0	0
Llanelli													
Carmarthen	282	4.2	0	0	4.2	278.96	3.04	0	0	0	0	0	3.04
Preseli													
Pembroke shire													
South													
Pembroke shire	5753.04	539.08	0	0	539.08	5275.44	477.6	0	477.6	0	0	0	0
Sub Total	11173.12	667.28	0	0	543.28	10161.12	492.04	0	489	0	0	0	3.04

N Wales New Unitary Authorities

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Anglesey	1953.448	0	0	0	0	1953.448	0	0	0	0	0	0	0
Conwy	13.832	112.592	0	0	0	13.832	0	0	0	0	0	0	0
Montgomeryshire	33.312	0	0	0	0	33.312	0	0	0	0	0	0	0
Gwynedd	1855.904	0	0	0	0	1855.904	0	0	0	0	0	0	0
Denbighshire	499.432	0	0	0	0	499.432	0	0	0	0	0	0	0
Wrexham	12578.58	0	0	0	0	12578.58	0	0	0	0	0	0	0
Flintshire	24118.66	0	0	0	0	24118.66	0	0	0	0	0	0	0
Sub Total	41053.18	112.592	0	0	0	41053.18	0	0	0	0	0	0	0

Brenda Henderson

Richard Bernhardt

010 OFTD Returns S.W. Wales Sampling Exercise

DETR Returns Wales 95/6 - Best Estimates



S E Wales

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/Re-use	Transfer Station
Radnorshire	159	0	0	0	0	159	0	0	0	0	0	0	0
Brecknock	87	0	0	0	0	87	0	0	0	0	0	0	0
Monmouth	980	0	0	0	0	980	0	0	0	0	0	0	0
Torfaen	6050	13100	0	0	13100	5750	13400	13400	0	0	0	0	0
Blaenau Gwent	4200	1323	0	0	1323	3980	1543	0	1480	0	0	0	63
Islwyn	390	0	0	0	0	390	0	0	0	0	0	0	0
Newport	17550	13230	0	0	13230	16980	13800	0	0	13800	0	0	0
Rhymney Valley	3120	2300	0	0	2300	3100	2320	0	0	2280	0	0	40
Cardiff	8150	1817	0	0	1817	8050	1917	0	0	450	0	0	1467
Taff Ely	3075	0	0	0	0	3075	0	0	0	0	0	0	0
Merthyr Tydfil	1890	7788	0	0	7788	1610	7508	0	7508	0	0	0	0
Cynon Valley	1645	0	0	0	0	1645	0	0	0	0	0	0	0
Rhondda	2015	0	0	0	0	2015	0	0	0	0	0	0	0
Ogwr	4252	1200	0	0	1200	3336	2114	0	2114	0	0	0	0
Vale of Glamorgan	3150	0	0	0	0	3150	0	0	0	0	0	0	0
Sub Total	56713	40758	0	0	40758	54307	42602	13400	11102	16530	0	0	1570

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S.W. Wales													
Ceredigion	128	0.5	0	0	0.5	127.5	1	0	0	0	0	0	1
Dinefwr	147	0	0	0	0	147	0	0	0	0	0	0	0
Lliw Valley	2750	0	0	0	0	2750	0	0	0	0	0	0	0
Neath	1270	0	0	0	0	1270	0	0	0	0	0	0	0
Port Talbot	4210	0	0	0	0	4210	0	0	0	0	0	0	0
Swansea	4150	743	0	0	743	4070	823	0	0	0	0	0	823
Llanelli	4835	0.5	0	0	0.5	4835	0.5	0	0	0	0	0	0.5
Carmarthen	225	0	0	0	0	225	0	0	0	0	0	0	0
Preseli													
Pembroke shire	2895	0.5	0	0	0.5	2150	745	0	745	0	0	0	0.5
South Pembroke shire	13598	639	0	0	639	13162	639	0	639	0	0	0	0
Sub Total	34208	1383.5	0	0	1383.5	32946.5	2208.5	0	1384	0	0	0	825

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
N. Wales													
Anglesey	6032	1192	0	0	1192	6002	1222	0	0	0	0	1222	0
Conwy	62	0.5	0	0	0.5	52	10	0	0	0	0	0	10
Montgomeryshire	585	0	0	0	0	585	0	0	0	0	0	0	0
Gwynedd	1812	0	0	0	0	1811	1	0	0	0	0	0	1
Denbighshire	450	0	0	0	0	450	0	0	0	0	0	0	0
Wrexham	8715	0	0	0	0	8715	325	0	325	0	0	0	0
Flintshire	14180	6603	205	0	6808	14080	6908	0	0	0	0	5780	1200
Sub Total	31836	7795.5	205	0	8000.5	31695	8466	0	325	0	0	7002	1211

DETR Returns Wales 95/6 - Sampling Exercise



	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S E Wales													
Radnorshire	0.336	0	0	0	0	0.336	0	0	0	0	0	0	0
Brecknock													
Monmouth	3.92	0	0	0	0	3.92	0	0	0	0	0	0	0
Torfaen	743.36	6671.11	0	0	6671.11	743.36	6671.11	6671.11	0	0	0	0	0
Blaenau Gwent	84.2	1323.52	0	0	1323.52	68.2	1339.52	0	1272.52	0	0	0	67
Islwyn	1.72	0	0	0	0	1.72	0	0	0	0	0	0	0
Newport	621.62	4651.93	0	0	4651.93	621.62	4651.93	0	0	4651.93	0	0	0
Rhymney Valley	339.6	0	0	0	0	339.6	0	0	0	0	0	0	0
Cardiff	5232	1817.98	0	0	1817.98	6726.54	323.44	0	0	0	11.8	0	311.64
Taff Ely	7879	0	0	0	0	7879	0	0	0	0	0	0	0
Merthyr Tydfil	266	2280.72	0	0	2280.72	266	601.04	0	601.04	0	0	0	0
Cynon Valley													
Rhondda	0.2	0	0	0	0	0.2	0	0	0	0	0	0	0
Ogwr	4252.4	336.9	0	0	336.9	2474.82	2114.48	0	2114.48	0	0	0	0
Vale of Glamorgan	270.28	0	0	0	0	270.28	0	0	0	0	0	0	0
Sub Total	19694.64	17082.16	0	0	17082.16	19395.6	15701.52	6671.11	3988.04	4651.93	11.8	0	378.64



	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S W Wales												
Ceredigion												
Dinefwr	21.4	0	0	0	21.4	0	0	0	0	0	0	0
Lliw Valley	337.76	0	0	0	337.76	0	0	0	0	0	0	0
Neath	818.8	0	0	0	818.8	0	0	0	0	0	0	0
Port Talbot	8	0	0	0	8	0	0	0	0	0	0	0
Swansea	1622.74	743.2	0	743.2	1601.54	18.8	0	18.8	10.4	0	0	735
Llanelli	4849.44	0	0	0	4849.44	0	0	0	0	0	0	0
Carmarthen	114.8	0	0	0	113.6	1.2	0	0	0	0	0	1.2
Preseli												
Pembroke shire	814.48	0	0	0	814.48	0	0	0	0	0	0	0
South Pembroke shire	13598.48	639	0	639	13598.48	639	0	639	0	0	0	0
Sub Total	22185.9	1382.2	0	1382.2	22163.5	659	0	657.8	10.4	0	0	736.2

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
N Wales													
Anglesey	6032.048	0	0	0	6032.048	0	0	0	0	0	0	0	0
Conwy	62.528	1	0	0	62.528	0	0	0	0	0	0	0	0
Montgomeryshire	285.552	0	0	0	285.552	0	0	0	0	0	0	0	0
Gwynedd	5812.808	0	0	0	5812.808	0	0	0	0	0	0	0	0
Denbighshire	0.92	0	0	0	0.92	0	0	0	0	0	0	0	0
Wrexham	7715.096	0	0	0	7715.096	0	0	0	0	0	0	0	0
Flintshire	14180.66	6603.44	0	0	14180.66	0	0	0	0	0	0	0	0
Sub Total	34089.61	6604.44	0	0	34089.61	0	0	0	0	0	0	0	0

Brenda Henderson

Richard Bernhardt September 1998

0.10 DETP Returns Wales 95/96 Sampling Exercise

DETR Returns Wales Apr 96 to Aug 96 - Best Estimates



Brenda Henderson Sept 98

Richard Bernhardt

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/Re-use	Transfer Station
S E Wales													
Vale of Glamorgan	2169.49	0	0	0	0	2169.49	0	0	0	0	0	0	0
Rhondda Cynon Taff	5206.31	0	0	0	0	5206.31	0	0	0	0	0	0	0
Merthyr Tydfil	892	6105.02	0	0	6105.02	800	6197.02	0	6197.02	0	0	0	0
Caerphilly	557.71	0	0	0	0	557.71	0	0	0	0	0	0	0
Cardiff	4993.66	0	0	0	0	4632.32	361.34	0	0	304.8	0	0	56.54
Newport	9447.42	12329.22	0	0	12329.22	8566.06	13210.58	0	0	13206.58	0	0	4
Torfaen	1961.63	14056.65	2187.56	0	16244.21	1961.63	16244.21	16244.21	0	0	0	0	0
Blaenau Gwent	3450.29	1779.22	0	0	1779.22	3299.66	1929.85	0	1890	0	0	0	39.85
Monmouthshire	108	0	0	0	0	108	0	0	0	0	0	0	0
Powys	9.9	0	0	0	0	9.955	0	0	0	0	0	0	0
Sub Total	28796.41	34270.11	2187.56	0	36457.67	27311.14	37943	16244.21	8087.02	13511.38	0	0	100.39

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/Re-use	Transfer Station
S W Wales													
Cardiganshire	2.56	0	0	0	0	2.56	0	0	0	0	0	0	0
Pembrokeshire	4783.52	0	0	0	0	4542.4	241.12	0	241.12	0	0	0	0
Cardiganshire	953.44	1.6	0	0	1.6	953.44	1.6	0	0	0	0	0	1.6
Swansea	2379.44	104	0	0	104	2480.02	1.8	0	0	0	0	0	1.8
Neath Port Talbot	4973.44	0	0	0	0	4973.44	0	0	0	0	0	0	0
Bridgend	1678.32	240.24	0	0	0	1678.32	240.24	0	0	0	0	0	0
Sub Total	14770.72	345.84	0	0	105.6	14630.18	484.76	0	241.12	0	0	0	3.4



	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
N Wales													
Anglesey	2884	350	0	0	350	2684	550	0	0	0	0	550	0
Conwy	21	0.5	0	0	0.5	20	1.5	0	0	0	0	0	1.5
Montgomeryshire	409	0	0	0	0	409	0	0	0	0	0	0	0
Gwynedd	1072	0	0	0	0	1071	0.72	0	0	0	0	0	0.72
Denbighshire	249	0	0	0	0	249	0	0	0	0	0	0	0
Wrexham	3490	0	0	0	0	3340	150	0	150	0	0	0	0
Flintshire	9905	320	0	0	320	6435	3150	0	0	0	0	2250	900
Sub Total	18030	670.5	0	0	670.5	14208	3852.22	0	150	0	0	2800	902.22

040 DETR Estimates 96/7 Wales

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Richard Bernhardt September 1998

DETR Returns Wales Apr 96 to Aug 96 - Sampling Exercise



	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling /Re-use	Transfer Station
S E Wales													
Vale of Glamorgan	2169.49	0	0	0	0	2169.49	0	0	0	0	0	0	0
Rhondda Cynon Taff	5206.31	0	0	0	0	5206.31	0	0	0	0	0	0	0
Merthyr Tydfil	892	6105.02	0	0	6105.02	800	6197.02	0	6197.02	0	0	0	0
Caerphilly	557.71	0	0	0	0	557.71	0	0	0	0	0	0	0
Cardiff	4993.66	0	0	0	0	4632.32	361.34	0	0	304.8	0	0	56.54
Newport	9447.42	12329.22	0	0	12329.22	8566.06	13210.58	0	0	13206.58	0	0	4
Torfaen	1961.63	14056.65	2187.56	0	16244.21	1961.63	16244.21	16244.21	0	0	0	0	0
Blaenau Gwent	3450.29	1779.22	0	0	1779.22	3299.66	1929.85	0	1890	0	0	0	39.85
Monmouthshire	108	0	0	0	0	108	0	0	0	0	0	0	0
Powys	9.9	0	0	0	0	9.955	0	0	0	0	0	0	0
Sub Total	28796.41	34270.11	2187.56	0	36457.67	27311.14	37943	16244.21	8087.02	13511.38	0	0	100.39

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exported	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
S W Wales													
Cardiganshire	2.56	0	0	0	0	2.56	0	0	0	0	0	0	0
Pembrokeshire	4783.52	0	0	0	0	4542.4	241.12	0	241.12	0	0	0	0
Carmarthenshire	953.44	1.6	0	0	1.6	953.44	1.6	0	0	0	0	0	1.6
Swansea	2379.44	104	0	0	104	2480.02	1.8	0	0	0	0	0	1.8
Neath Port Talbot	4973.44	0	0	0	0	4973.44	0	0	0	0	0	0	0
Bridgend	1678.32	240.24	0	0	0	1678.32	240.24	0	0	0	0	0	0
Sub Total	14770.72	345.84	0	0	105.6	14630.18	484.76	0	241.12	0	0	0	3.4

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Exports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
N Wales													
Anglesey	2884	350	0	0	350	2684	550	0	0	0	0	550	0
Conwy	21	0.5	0	0	0.5	20	1.5	0	0	0	0	0	1.5
Montgomeryshire	409	0	0	0	0	409	0	0	0	0	0	0	0
Gwynedd	1072	0	0	0	0	1071	0.72	0	0	0	0	0	0.72
Denbighshire	249	0	0	0	0	249	0	0	0	0	0	0	0
Wrexham													
Flintshire													
Sub Total	4635	350.5	0	0	350.5	4433	552.22	0	0	0	0	550	2.22

DETR Returns SWaT Programme Sept 96 - Mar 97



ENVIRONMENT
AGENCY

	Arisings	Imports from other WRAs	Imports from Scotland	Imports from N Ireland	Total Imports	Total Retained	Retained for Incineration	Retained Direct to Landfill	Retained for Treatment	Retained for Storage	Retained for Recycling/ Re-use	Transfer Station
Blaenau Gwent	5514.558				61.71325	5576.271						
Bridgend	2194.994				890.2054	3085.199						
Caerphilly	5135.12				2348.975	7484.094						
Cardiff	1810.739				1739.916	3550.654						
Carmarthenshire	517.7831				0	517.7831						
Conwy	43.00834				0	43.00834						
Flintshire	74.82778				232.7574	307.5852						
Gwynedd	17.374				0	17.374						
Isle of Anglesey	71.302				10.44	81.742						
Neath Port Talbot					11.844	11.844						
Newport	23991.9				15055.02	39046.92						
Pembrokeshire	1890.484				0	1890.484						
Rhondda Cynon Taff	1.72				0	1.72						
Swansea	2822.628				428.1866	3250.815						
Torfaen	909.1708				8003.457	8912.628						
Vale of Glamorgan	186.7074				3	189.7074						
Wrexham	15.68				22.123	37.803						
Wales	45198		1202.815		28807.64	74005.64						

Brenda Henderson Sept 1998