

**Local Authority  
Waste Arisings Survey  
2000/2001**

**Results for  
Western Isles Council**



**A Survey by the Scottish Environment Protection Agency**

## PART A: WASTE COLLECTION SERVICE

During 2000/01 a total of 13518 domestic properties and 1331 commercial and industrial premises received a regular waste collection service within Western Isles. Households were provided with the types of waste containment shown in Table A1.

Containment Type	Percent Provided
360 Wheeled Bin	2%
240 Wheeled Bin	98%
Total	100%

Table A2 shows the organisations that provided waste collection services.

Type of Organisation	Name of Organisation	Service Provided
LA Service Provider	Comhairle Nan Eilean Siar	Abandoned Vehicles
Private Contractor	Denis Auto	Abandoned Vehicles
Other	Local Voluntary Organisations	Beach Cleaning
LA Service Provider	Comhairle Nan Eilean Siar	Bring Recycling Schemes (Eg Bottle Banks)
LA Service Provider	Comhairle Nan Eilean Siar	Bulky Wastes (Not For Recycling)
Private Contractor	Malcolm Smith & Sons	Bulky Wastes (Not For Recycling)
LA Service Provider	Comhairle Nan Eilean Siar	Clearance of Fly-Tipped Waste
LA Service Provider	Comhairle Nan Eilean Siar	Commercial Or Industrial Waste (Not For Recycling)
Private Contractor	Malcolm Smith & Sons	Commercial Or Industrial Waste (Not For Recycling)
LA Service Provider	Comhairle Nan Eilean Siar	Garden Wastes (Not For Composting)
Private Contractor	Malcolm Smith & Sons	Garden Wastes (Not For Composting)
LA Service Provider	Comhairle Nan Eilean Siar	Household Clinical Wastes
LA Service Provider	Comhairle Nan Eilean Siar	Household Hazardous Wastes
LA Service Provider	Comhairle Nan Eilean Siar	MRFs
LA Service Provider	Comhairle Nan Eilean Siar	Mainstream Household/ Commercial Mixed waste Collection
LA Service Provider	Comhairle Nan Eilean Siar	Operating Civic Amenity Sites
LA Service Provider	Comhairle Nan Eilean Siar	Parks And Garden Waste (Not For Composting)
Private Contractor	Mitchell & Struthers	Parks And Garden Waste (Not For Composting)
LA Service Provider	Comhairle Nan Eilean Siar	Separate Collections Of Litter
LA Service Provider	Comhairle Nan Eilean Siar	Street Cleansing And Litter
LA Service Provider	Comhairle Nan Eilean Siar	Waste Disposal

## PART B: WASTE DISPOSAL

The total quantity of waste disposed by or on behalf of Western Isles Council during 2000/01 was **28346.2** tonnes. All of this waste was disposed of within the Western Isles.

A mixed collection of household and commercial waste was operated within the area. It was estimated by the local authority that 90% of waste collected in this way came from domestic premises, with the remaining 10% originating from commercial sources. Separate collections of commercial and industrial waste were also operated.

Table B1 shows the quantities and sources of waste disposed by or on behalf of Western Isles Council.

<b>Table B1: Total Waste Disposal</b>	
<b>Source of Waste</b>	<b>Tonnes</b>
Household waste	14236.96
Commercial waste	2245.17
Industrial waste	7664.26
Other non-household waste	4199.81
<b>Total</b>	<b>28346.2</b>

Tables B2 and B3 show the quantities of household and non-household waste disposed of by or on behalf of Western Isles Council<sup>1</sup>.

<b>Table B2: Household Waste Disposal within Western Isles</b>	
<b>Type of Waste Collection</b>	<b>Tonnes</b>
Mainstream Household Collection Round Waste	10905.25
Civic Amenity Waste (Not Recycled/Composted)	582.18
Garden Wastes (Not For Composting)	958.43
Bulky Wastes (Not For Recycling)	1055.11
Street Cleansing And Litter	735.99
<b>Total</b>	<b>14236.96</b>

<b>Table B3: Non-Household Waste Disposal within Western Isles</b>	
<b>Type of Waste</b>	<b>Tonnes</b>
Mainstream Household Collection round Waste	1211.69
Industrial Waste (Not For Recycling)	7664.26
Commercial Waste (Not For Recycling)	714.01
Garden Wastes (Not For Composting)	319.47
Abandoned Vehicles	21
Beach Cleaning	4034.34
Parks And Garden Waste (Not For Composting)	144.47
<b>Total</b>	<b>14109.24</b>

<sup>1</sup> Figures for street cleansing and litter have been classified as 100% Household.

Table B4 shows the disposal method used for waste disposed of by or on behalf of Western Isles Council.

<b>Table B4: Waste Disposal Methods</b>	
<b>Disposal Method</b>	<b>Tonnes</b>
Landfill Without Methane Recovery - Without MME	28346.2
Total	28346.2

## PART C: WASTE RECYCLING AND COMPOSTING

The total quantity of waste collected for recycling by or on behalf of Western Isles Council during 2000/01 was **63.8** tonnes. This figure is equal to the total waste actually recycled, as none of the waste collected for this purpose was disposed of. No waste was collected for composting.

Materials for recycling were collected through 2 civic amenity sites, and a number of other bring (drop-off) facilities. Table C1 shows the types and quantities of material recycled, and the methods used for collection.

**Table C1: Waste Recycling**

Material	Tonnes Collected	Tonnes Disposed	Tonnes Recycled	Collection Type	No. of Sites
Glass	3.56	0	3.56	Bring Recycling/Compost	2
Paper	11.62	0	11.62	Bring Recycling/Compost	1
Mixed Cans	0.6	0	0.6	Bring Recycling/Compost	2
Mixed Plastics	0	0	0	Bring Recycling/Compost	2
Cfcs From Fridges And Freezers	0.001	0	0.001	Bring Recycling/Compost	1
Oils	43.32	0	43.32	Bring Recycling/Compost	1
Batteries	4.7	0	4.7	Bring Recycling/Compost	-
Total	63.8	0	63.8		

No composting bins were distributed to the public during or prior to 2000/01. Table C2 shows the amount of waste that was composted within the Western Isles area.<sup>2</sup>

**Table C2: Composting**

Type of Composting	Tonnes
Home Composting <sup>3</sup>	-
Total	-

The sources of waste collected for recycling and composting are shown in table C3.

**Table C3: Sources of Waste Collected for Recycling and Composting**

Source of Waste	Tonnes
Household	5.18
Commercial	58.63
Industrial	0
Other Non-household	0
Total	63.8

<sup>2</sup> Home composting figures are estimates and have not been added to the figures for recycling or for total waste arisings.

<sup>3</sup> There is no agreed methodology for estimating quantities of waste composted at home within a given Local Authority. Therefore, SEPA has not been able to provide an estimate for 2000/2001.

## PART D: WASTE ARISING

From the data given in Parts B and C above, the total Municipal Solid Waste arisings in the Western Isles area during 2000/01 are calculated as **28410.01** tonnes. These arisings can be broken down by source as shown in Table D1.

<b>Source of Waste</b>	<b>Tonnes Arising</b>
Household	14242.14
Commercial	2303.8
Industrial	7664.26
Other	4199.81
Total	28410.01

## NOTES ON VERIFICATION OF DATA BY WESTERN ISLES COUNCIL AND ASSUMPTIONS MADE BY SEPA

The following data was verified by Western Isles Council:

4.7 tonnes of batteries were collected for recycling at bring sites.

1% of the oils collected for recycling were from householders, with the remaining 99% coming from commercial premises (garages).

5% of the paper collected for recycling is from households, with the remaining 95% coming from commercial premises.