

Appendices

Appendix I

OSPAR database exports of Dutch beach litter monitoring, year 2014

RefNo	NL1	NL1	NL1	NL1	NL2	NL2	NL2	NL2
Beach name	Bergen	Bergen	Bergen	Bergen	Noordw	Noordw	Noordw	Noordw
Country	NLs	NLs	NLs	NLs	NLs	NLs	NLs	NLs
Survey date	8-1-2014	23-4-2014	1-7-2014	16-10-2014	7-1-2014	24-4-2014	25-6-2014	23-10-2014
Period	1	2	3	4	1	2	3	4
Plastic: Yokes [1]	0	0	1	0	0	0	0	0
Plastic: Bags [2]	9	10	12	2	12	3	8	3
Plastic: Small_bags [3]	20	29	19	5	7	17	0	17
Plastic: Bag_ends [112]	0	0	1	0	0	0	0	1
Plastic: Drinks [4]	1	4	7	4	13	11	4	7
Plastic: Cleaner [5]	0	0	1	0	2	0	3	0
Plastic: Food [6]	6	0	2	4	9	1	6	1
Plastic: Toiletries [7]	1	2	0	0	3	0	0	0
Plastic: Oil_small [8]	0	0	0	0	0	0	0	0
Plastic: Oil_large [9]	0	0	0	0	0	0	0	0
Plastic: Jerry_cans [10]	0	0	1	0	3	0	0	0
Plastic: Injection_gun [11]	1	0	0	0	0	0	0	0
Plastic: Other_bottles [12]	0	0	0	1	1	0	0	0
Plastic: Crates [13]	0	0	0	0	0	0	0	0
Plastic: Car_parts [14]	0	0	0	0	0	0	0	0
Plastic: Caps [15]	23	12	36	15	46	6	53	59

Plastic: Cigarettelighters [16]	0	1	0	1	1	0	1	0
Plastic: Pens [17]	2	1	2	0	3	0	5	3
Plastic: Combs [18]	0	0	0	0	0	0	0	0
Plastic: Crisp [19]	43	11	32	8	86	14	12	20
Plastic: Toys [20]	0	0	3	0	1	0	0	0
Plastic: Cups [21]	3	2	7	1	6	3	0	1
Plastic: Cutlery [22]	3	11	7	3	15	5	2	22
Plastic: Fertiliser [23]	0	0	0	0	2	0	1	0
Plastic: Meshbags [24]	2	0	0	2	3	0	3	0
Plastic: Gloves [25]	1	0	0	0	2	0	0	0
Plastic: Gloves_pro [113]	1	0	0	0	1	0	0	0
Plastic: Lobsterpots [26]	0	0	0	0	0	0	0	0
Plastic: Fish_tags [114]	0	0	0	2	1	0	1	0
Plastic: Octopus_pots [27]	0	0	0	0	0	0	0	0
Plastic: Oyster_nets [28]	0	0	0	0	0	0	1	0
Plastic: Oyster_trays [29]	0	0	0	0	0	0	0	0
Plastic: Mussel_sheeting [30]	0	0	0	0	0	0	0	0
Plastic: Rope [31]	6	7	10	6	17	4	18	4
Plastic: String [32]	154	94	158	158	619	107	187	159
Plastic: Fishing_net_small [115]	36	51	74	0	24	7	42	1
Plastic: Fishing_net_large [116]	0	10	8	0	6	5	1	1
Plastic: Tangled [33]	0	8	4	13	0	14	7	7
Plastic: Fishboxes [34]	0	1	0	0	0	0	0	0
Plastic: Fishing_line [35]	1	2	0	0	1	1	5	0
Plastic: Light_sticks [36]	1	0	0	0	0	0	0	0
Plastic: Floats [37]	0	0	0	0	0	1	0	0
Plastic: Buckets [38]	0	1	0	0	0	0	0	0
Plastic: Strapping [39]	8	0	2	1	4	4	2	4
Plastic: Industrial [40]	7	13	12	6	15	10	2	15

Plastic: Fibre_glass [41]	0	0	0	0	0	0	0	0
Plastic: Hard_hats [42]	0	1	0	0	0	0	0	0
Plastic: Shotgun [43]	0	1	5	1	3	0	2	1
Plastic: Shoes [44]	0	0	0	1	0	1	0	0
Plastic: Foam_sponge [45]	9	9	22	11	34	26	25	52
Plastic: Plastic_small [117]	44	20	85	20	63	17	71	151
Plastic: Plastic_large [46]	17	13	61	27	264	22	29	56
Plastic: Plastic_vlarge [47]	0	1	0	1	8	0	0	0
Plastic: Other [48]	9	10	12	1	12	5	27	2
Rubber: Balloons [49]	12	17	17	31	42	7	18	28
Rubber: Boots [50]	0	0	0	0	0	0	0	0
Rubber: Tyres [52]	1	0	1	0	3	0	3	0
Rubber: Other [53]	0	0	0	1	0	0	0	0
Cloth: Clothing [54]	0	1	5	1	2	6	1	2
Cloth: Furnishings [55]	0	0	0	0	0	0	0	0
Cloth: Sacking [56]	0	0	0	0	0	1	0	0
Cloth: Shoes [57]	0	0	0	0	0	0	0	0
Cloth: Other [59]	0	1	0	2	0	0	0	0
Paper: Bags [60]	0	0	0	0	0	0	0	0
Paper: Cardboard [61]	0	0	0	0	0	0	0	0
Paper: Purepak [118]	0	1	1	0	0	0	0	0
Paper: Tetrapak [62]	1	4	5	2	5	3	0	0
Paper: Cig_packets [63]	0	0	0	0	0	0	0	19
Paper: Cig_stubs [64]	0	1	0	0	5	2	3	0
Paper: Cups [65]	0	0	0	0	0	0	0	0
Paper: Newspapers [66]	0	0	0	0	0	0	0	0
Paper: Other [67]	0	0	0	0	0	0	0	0
Wood: Corks [68]	0	0	0	0	1	0	0	0
Wood: Pallets [69]	0	1	0	0	0	0	0	0

Wood: Crates [70]	0	0	0	0	0	0	0	0
Wood: Lobsterpots [71]	0	0	0	0	0	0	0	0
Wood: Fish_boxes [119]	0	0	0	0	0	0	0	0
Wood: Lolly [72]	0	0	0	0	0	0	0	0
Wood: Brushes [73]	0	0	1	0	0	0	0	0
Wood: Other_small [74]	0	0	1	0	0	1	3	1
Wood: Other_large [75]	0	0	0	0	3	1	1	0
Metal: Aerosol [76]	1	0	0	1	0	1	0	0
Metal: Caps [77]	0	0	0	1	0	0	0	0
Metal: Drink [78]	2	1	2	2	3	3	2	0
Metal: Bbqs [120]	0	0	0	0	0	0	0	0
Metal: Electrical [79]	0	0	0	0	0	0	0	0
Metal: Fishing [80]	0	0	0	0	0	0	0	0
Metal: Foil [81]	0	0	0	0	1	0	0	0
Metal: Food [82]	0	0	0	0	0	0	0	0
Metal: Scrap [83]	0	0	0	0	0	0	0	0
Metal: Oil [84]	0	0	0	0	0	0	0	0
Metal: Paint_tins [86]	0	0	0	0	0	0	0	0
Metal: Lobsterpots [87]	0	0	0	0	0	0	0	0
Metal: Wire [88]	0	0	0	0	0	0	0	0
Metal: Other_small [89]	0	0	0	0	0	0	0	0
Metal: Other_large [90]	0	0	0	0	0	0	0	0
Glass: Bottles [91]	0	0	1	1	1	0	8	0
Glass: Bulbs [92]	0	0	1	1	0	0	1	0
Glass: Other [93]	0	0	1	0	0	2	1	3
Pottery: Construction [94]	0	0	0	0	0	1	0	0
Pottery: Octopus_pots [95]	0	0	0	0	0	0	0	0
Pottery: Other [96]	0	0	0	0	0	0	0	0
San: Condoms [97]	0	0	0	0	0	0	0	0

San: Buds [98]	3	3	14	1	19	1	42	5
San: Towels [99]	0	2	0	0	5	0	0	0
San: Tampons [100]	2	1	1	1	1	0	1	0
San: Toilet [101]	0	0	0	0	0	0	0	0
San: Other [102]	0	0	0	0	0	0	0	0
Med: Containers [103]	0	0	1	0	0	0	0	0
Med: Syringes [104]	0	0	0	0	0	0	0	0
Med: Other [105]	0	0	0	0	0	0	1	0
Faeces: In_bags [121]	0	0	0	0	0	0	0	0
Pollutants: Wax_small [108]	0	0	0	0	0	0	0	0
Pollutants: Wax_medium [109]	0	0.19	0.06	0	0.08	0.02	0.18	0.01
Pollutants: Wax_large [110]	0	0	0	0	0.02	0	0	0
Pollutants: Other [111]	0	0	0	0	0	0	0	3.00

RefNo	NL3	NL3	NL3	NL3	NL4	NL4	NL4	NL4
Beach name	Veere	Veere	Veere	Veere	Tersch	Tersch	Tersch	Tersch
Country	NLs	NLs	NLs	NLs	NLs	NLs	NLs	NLs
Survey date	29-1-2014	8-5-2014	9-7-2014	28-10-2014	11-1-2014	20-4-2014	24-7-2014	25-10-14
Period	1	2	3	4	1	2	3	4
Plastic: Yokes [1]	0	0	0	0	0	0	0	0
Plastic: Bags [2]	1	1	0	1	6	3	0	2
Plastic: Small_bags [3]	1	2	0	0	4	20	6	8
Plastic: Bag_ends [112]	0	1	0	0	0	0	0	0
Plastic: Drinks [4]	0	0	3	4	1	4	6	5
Plastic: Cleaner [5]	0	0	1	0	1	0	0	1
Plastic: Food [6]	1	0	0	0	3	3	2	0
Plastic: Toiletries [7]	1	0	0	0	0	0	0	1
Plastic: Oil_small [8]	0	0	0	0	0	0	0	0
Plastic: Oil_large [9]	0	0	0	0	0	0	0	0
Plastic: Jerry_cans [10]	0	1	0	1	0	0	0	0
Plastic: Injection_gun [11]	0	0	0	0	0	1	0	0
Plastic: Other_bottles [12]	0	0	0	0	0	0	0	2
Plastic: Crates [13]	0	0	0	0	0	0	0	0
Plastic: Car_parts [14]	0	0	0	0	0	0	0	0
Plastic: Caps [15]	3	9	4	1	8	11	2	9
Plastic: Cigarettelighters [16]	0	0	0	0	0	1	0	0
Plastic: Pens [17]	1	1	0	0	0	0	0	0
Plastic: Combs [18]	0	0	0	0	0	0	0	0
Plastic: Crisp [19]	1	5	4	1	12	8	1	9
Plastic: Toys [20]	0	1	0	0	1	0	0	0
Plastic: Cups [21]	3	0	0	0	1	0	0	0
Plastic: Cutlery [22]	1	1	0	0	1	3	2	2
Plastic: Fertiliser [23]	0	0	0	0	0	0	0	0

Plastic: Meshbags [24]	0	1	0	0	2	0	0	0
Plastic: Gloves [25]	0	0	0	0	1	1	0	0
Plastic: Gloves_pro [113]	0	0	0	0	0	0	2	0
Plastic: Lobsterpots [26]	0	0	0	0	0	0	0	0
Plastic: Fish_tags [114]	0	0	0	0	0	0	0	1
Plastic: Octopus_pots [27]	0	0	0	0	0	0	0	0
Plastic: Oyster_nets [28]	0	0	0	0	0	0	0	0
Plastic: Oyster_trays [29]	0	0	0	0	0	0	0	0
Plastic: Mussel_sheeting [30]	0	0	0	0	0	0	0	0
Plastic: Rope [31]	0	2	1	1	0	8	2	3
Plastic: String [32]	24	27	25	3	110	66	38	51
Plastic: Fishing_net_small [115]	9	12	9	0	9	7	2	1
Plastic: Fishing_net_large [116]	1	4	2	0	1	0	3	0
Plastic: Tangled [33]	6	6	2	3	5	9	11	1
Plastic: Fishboxes [34]	0	0	0	0	0	0	1	0
Plastic: Fishing_line [35]	1	1	1	0	0	0	0	0
Plastic: Light_sticks [36]	0	0	0	0	0	0	0	0
Plastic: Floats [37]	0	0	0	0	0	0	0	0
Plastic: Buckets [38]	0	0	1	0	0	0	0	0
Plastic: Strapping [39]	0	1	0	0	0	3	3	3
Plastic: Industrial [40]	2	2	0	0	6	18	0	5
Plastic: Fibre_glass [41]	0	0	0	0	0	0	0	0
Plastic: Hard_hats [42]	0	0	0	0	0	0	0	0
Plastic: Shotgun [43]	0	1	0	0	0	1	0	0
Plastic: Shoes [44]	0	0	0	0	0	0	0	0
Plastic: Foam_sponge [45]	5	3	2	8	5	6	4	4
Plastic: Plastic_small [117]	2	5	23	5	23	7	0	15
Plastic: Plastic_large [46]	1	8	15	0	22	28	25	13
Plastic: Plastic_vlarge [47]	0	1	0	0	2	0	0	0

Plastic: Other [48]	5	12	11	0	3	1	0	1
Rubber: Balloons [49]	1	5	2	0	13	6	2	12
Rubber: Boots [50]	0	0	0	0	0	0	0	0
Rubber: Tyres [52]	0	0	1	0	0	0	1	0
Rubber: Other [53]	0	0	0	0	0	0	0	0
Cloth: Clothing [54]	0	0	2	0	0	0	0	1
Cloth: Furnishings [55]	0	0	0	0	0	0	0	0
Cloth: Sacking [56]	0	0	0	0	0	0	0	0
Cloth: Shoes [57]	0	0	0	0	0	0	0	0
Cloth: Other [59]	2	0	0	0	0	0	0	0
Paper: Bags [60]	0	0	0	0	0	0	0	0
Paper: Cardboard [61]	0	0	0	0	0	0	0	0
Paper: Purepak [118]	0	0	0	0	0	2	0	0
Paper: Tetrapak [62]	0	0	0	0	0	0	0	0
Paper: Cig_packets [63]	0	0	0	0	0	0	0	0
Paper: Cig_stubs [64]	0	0	1	0	0	0	0	0
Paper: Cups [65]	0	0	0	0	0	0	0	0
Paper: Newspapers [66]	0	0	0	0	0	0	0	0
Paper: Other [67]	1	0	0	0	0	0	0	0
Wood: Corks [68]	0	0	0	0	0	0	0	0
Wood: Pallets [69]	0	0	0	0	1	0	0	0
Wood: Crates [70]	0	0	0	0	0	0	0	0
Wood: Lobsterpots [71]	0	0	0	0	0	0	0	0
Wood: Fish_boxes [119]	0	0	0	0	0	0	0	0
Wood: Lolly [72]	0	0	0	0	0	0	1	0
Wood: Brushes [73]	0	0	0	0	0	2	0	0
Wood: Other_small [74]	1	0	2	3	1	0	0	0
Wood: Other_large [75]	0	0	0	0	1	0	0	1
Metal: Aerosol [76]	0	0	0	0	0	0	0	0

Metal: Caps [77]	0	0	0	0	0	0	0	0
Metal: Drink [78]	0	0	0	0	3	3	0	0
Metal: Bbqs [120]	0	0	0	0	0	0	0	0
Metal: Electrical [79]	0	0	0	0	0	0	0	0
Metal: Fishing [80]	0	0	0	0	0	0	0	0
Metal: Foil [81]	0	0	0	0	0	0	0	0
Metal: Food [82]	0	0	0	0	0	0	0	0
Metal: Scrap [83]	0	0	0	0	0	0	0	0
Metal: Oil [84]	0	0	0	0	0	0	0	0
Metal: Paint_tins [86]	0	0	0	0	0	0	0	0
Metal: Lobsterpots [87]	0	0	0	0	0	0	0	0
Metal: Wire [88]	0	0	0	0	0	0	0	0
Metal: Other_small [89]	0	0	0	1	1	0	0	0
Metal: Other_large [90]	0	0	0	0	0	0	0	0
Glass: Bottles [91]	0	0	0	0	1	0	2	2
Glass: Bulbs [92]	0	0	0	0	0	0	1	0
Glass: Other [93]	0	0	0	0	0	0	0	2
Pottery: Construction [94]	0	0	0	0	0	0	0	0
Pottery: Octopus_pots [95]	0	0	0	0	0	0	0	0
Pottery: Other [96]	0	0	0	0	1	0	0	0
San: Condoms [97]	0	0	0	0	0	0	0	0
San: Buds [98]	2	0	7	0	2	0	0	2
San: Towels [99]	0	0	1	0	0	0	0	1
San: Tampons [100]	0	0	0	0	0	0	0	0
San: Toilet [101]	0	0	0	0	1	0	0	0
San: Other [102]	0	0	0	0	0	0	0	0
Med: Containers [103]	0	0	0	0	0	0	0	0
Med: Syringes [104]	0	0	0	0	0	0	0	0
Med: Other [105]	0	0	0	0	0	0	0	0

Faeces: In_bags [121]	0	0	0	0	0	0	0	0
Pollutants: Wax_small [108]	0	0	0	0	0	0	0	0
Pollutants: Wax_medium [109]	0.01	0.03	0	0	0.01	0	0	0
Pollutants: Wax_large [110]	0	0	0	0	0	0	0	0
Pollutants: Other [111]	0	0	0	0	0	0	0	0

Appendix 2 Digital OSPAR database export of Dutch beach litter data 2002-2014.

Appendix 3 Digital scans of OSPAR litter survey forms, year 2014.

Appendix 4 Digital Litter Analyst evaluation tables of items (4.1), materials (4.2) and sources (4.3).