

Tender - Waste Monitoring

KING SHAKA INTERNATIONAL AIRPORT

APRIL 2016 - MARCH 2017



	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Total	Average
% WASTE RECYCLED / RE-USED	37%	33%	45%	31%	40%	41%	39%	40%	25%	28%	31%	34%	35%	35%
% WASTE LANDFILLED	63%	67%	55%	69%	60%	59%	61%	60%	75%	72%	69%	66%	65%	65%
TOTAL WASTE GENERATED	92 727	93 301	84 334	100 371	90 824	94 035	105 551	89 166	100 262	85 353	83 593	81 766	1 101 283	91 774
WASTE TO LANDFILL (KG)														
NON HAZARDOUS GENERAL WASTE	49 780	54 460	40 000	61 500	47 280	46 340	56 720	48 700	64 920	55 680	51 680	48 220	625 280	52 107
HAZARDOUS WASTE														
GALLEY WASTE	8 240	7 730	6 030	7 410	6 850	6 890	7 150	4 970	10 570	5 700	5 890	5 760	83 190	6 933
EMPTY MOTOR OIL CANS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD-HOC (NOT INCL)	0	0	0	0	493	2 093	0	0	0	0	0	0	2 490	208
TOTAL HAZARDOUS WASTE	8 240	7 730	6 030	7 410	7 250	8 980	7 150	4 970	10 570	5 700	5 890	5 760	85 680	7 140
TOTAL WASTE TO LANDFILL	58 020	62 190	46 030	68 910	54 530	55 320	63 870	53 670	75 490	61 380	57 570	53 980	710 960	59 247
WASTE RECYCLED (KG)														
PLASTIC														
PET	1 285	1 283	1 357	1 347	1 715	1 627	1 350	1 545	1 520	1 118	1 087	1 801	17 035	1 420
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	457	402	537	547	485	448	596	577	469	262	360	721	5 871	488
LDPE SOFT	3 700	1 000	0	0	4 591	0	3 926	0	0	3 680	0	0	16 897	1 408
HD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLASTIC PS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLASTIC MIX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	5 442	2 685	1 894	1 894	6 801	2 075	5 872	2 122	1 989	1 380	5 127	2 522	39 803	3 317
PAPER														
COMMON MIX WASTE	0	0	23 400	16 920	17 900	22 020	23 280	22 580	14 640	12 060	13 240	12 280	178 320	14 860
NEWSPAPER	18 220	15 920	0	0	0	0	0	0	0	0	0	0	34 140	2 845
CARDBOARD	5 560	6 260	6 320	6 100	6 380	5 940	6 781	4 912	5 354	3 780	3 640	5 258	66 285	5 524
WHITE OFFICE PAPER	780	1 140	927	720	1 040	840	240	460	134	0	280	0	6 561	547
SUB TOTAL	24 560	23 320	30 647	23 740	25 320	28 800	30 301	27 952	20 128	15 840	17 160	17 538	285 306	23 776
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	0	0	960	0	0	0	0	0	0	960	80
CANS	1 440	1 078	1 598	1 200	0	1 370	905	784	0	1 720	480	1 100	11 675	973
FOIL	0	57	80	0	0	0	140	0	0	0	0	0	277	23
SUB TOTAL	1 440	1 135	1 678	1 200	0	2 330	1 045	784	0	1 720	480	1 100	12 912	1 076
OTHER														
FLUORESCENT TUBES	0	80	174	0	175	110	71	95	0	170	163	0	1 038	87
LAMP COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETRA PAK	140	380	300	360	340	280	280	400	0	378	340	480	3 678	307
GLASS	3 125	3 511	3 595	4 267	3 658	4 309	3 655	4 012	2 655	4 485	2 753	5 271	45 296	3 775
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINTER CARTRIDGES	0	0	16	0	0	0	31	0	0	0	0	0	47	4
FOOD WASTE	0	0	0	0	0	811	457	100	0	0	0	875	2 243	187
SUB TOTAL	3 265	3 971	4 085	4 627	4 173	5 510	4 463	4 638	2 655	5 033	3 256	6 626	52 302	4 359
TOTAL WASTE RECYCLED	34 707	31 111	38 304	31 461	36 294	38 715	41 681	35 496	24 772	23 973	26 023	27 786	390 323	32 527
SUMMARY														
TOTAL WASTE GENERATED	92 727	93 301	84 334	100 371	90 824	94 035	105 551	89 166	100 262	85 353	83 593	81 766	1 101 283	91 774

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	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Total	Average
% WASTE RECYCLED / RE-USED	25%	37%	32%	26%	42%	48%	54%	59%	38%	50%	52%	34%	41%	43%
% WASTE LANDFILLED	75%	63%	68%	74%	58%	52%	46%	41%	62%	50%	48%	66%	59%	57%
TOTAL WASTE GENERATED	72 776	88 365	68 995	80 972	93 142	83 971	97 382	80 603	94 076	106 556	70 916	80 717	1 018 471	84 873
WASTE TO LANDFILL (KG)														
NON HAZARDOUS														
GENERAL WASTE	48 460	50 040	42 200	52 700	42 960	38 380	39 720	28 840	51 800	46 440	28 740	48 410	518 690	43 224
HAZARDOUS WASTE														
GALLEY WASTE	5 890	5 940	4 900	6 990	5 500	5 050	5 310	4 060	6 690	6 320	5 060	5 030	66 740	5 562
EMPTY MOTOR OIL CANS	0	0	0	0	0	0	0	0	0	0	0	225	225	19
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	5 400	450
AD-HOC (NOT INCL)	0	0	0	0	5 400	0	0	0	0	0	0	0	0	0
TOTAL HAZARDOUS WASTE	5 890	5 940	4 900	6 990	10 900	5 050	5 310	4 060	6 690	6 320	5 060	5 255	72 365	6 030
TOTAL WASTE TO LANDFILL	54 350	55 980	47 100	59 690	53 860	43 430	45 030	32 900	58 490	52 760	33 800	53 665	591 055	49 255
WASTE RECYCLED (KG)														
PLASTIC														
PET	1 355	1 422	1 244	1 331	1 885	1 295	1 095	2 298	1 913	2 706	1 236	2 011	19 791	1 649
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	611	718	533	423	470	240	110	320	115	130	137	131	3 938	328
LDPE SOFT	0	3 461	0	1 200	1 570	1 430	2 720	3 970	980	3 390	1 440	1 080	21 241	1 770
HD	0	140	0	0	480	230	620	365	410	711	180	320	3 456	288
PLASTIC PS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLASTIC MIX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	1 966	5 741	1 777	2 954	4 405	3 195	5 842	7 160	4 045	7 813	3 728	4 062	52 688	4 391
PAPER														
COMMON MIX WASTE	7 972	15 070	103	154	486	1 709	2 146	1 709	3 180	3 180	1 220	1 498	60 984	5 082
NEWSPAPER	0	0	7 360	7 520	0	18 140	18 040	17 360	15 280	14 440	3 280	101 400	8 450	
CARDBOARD	4 178	4 037	4 717	3 906	5 860	5 900	8 773	5 260	4 408	7 000	4 700	4 821	63 560	5 297
WHITE OFFICE PAPER	160	300	320	220	1 740	760	1 392	879	1 140	1 460	720	600	9 691	808
SUB TOTAL	12 310	19 407	12 500	11 800	17 880	23 826	28 791	26 325	24 617	26 920	21 080	10 179	235 635	19 636
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	0	3 720	0	0	0	0	0	0	0	3 720	310
CANS	540	520	460	400	940	1 100	1 240	1 650	927	1 809	1 185	625	11 396	950
FOIL	0	0	0	0	500	0	0	0	0	360	0	0	860	72
SUB TOTAL	540	520	460	400	5 160	1 100	1 240	1 650	927	2 169	1 185	625	15 976	1 331
OTHER														
FLUORESCENT TUBES	0	211	187	0	0	0	0	0	172	0	0	0	160	128
LAMP COMPONENTS	0	0	0	0	0	0	3 380	191	0	0	0	0	3 571	298
TETRA PAK	304	408	280	420	478	338	520	480	420	720	380	340	5 088	424
GLASS	2 866	4 521	3 980	2 656	5 603	4 140	6 168	5 976	1 160	8 640	4 188	5 232	55 130	4 594
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINTER CARTRIDGES	0	0	14	0	0	0	0	0	0	0	0	0	74	6
FOOD WASTE	440	1 577	2 637	3 052	5 756	7 142	6 411	5 921	4 245	7 534	6 555	6 454	57 724	4 810
SUB TOTAL	3 610	6 717	7 158	6 128	11 837	12 420	16 479	12 568	16 894	11 123	12 186	12 186	123 117	10 260
TOTAL WASTE RECYCLED	18 426	32 385	21 895	21 282	39 282	40 541	52 352	47 703	35 586	53 796	37 116	27 052	427 416	35 618
SUMMARY														
TOTAL WASTE GENERATED	72 776	88 365	68 995	80 972	93 142	83 971	97 382	80 603	94 076	106 556	70 916	80 717	1 018 471	84 873

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	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total	Average
% WASTE RECYCLED / RE-USED	50%	52%	57%	50%	56%	55%	53%	58%	44%	52%	56%	51%	53%	53%
% WASTE LANDFILLED	50%	48%	43%	50%	44%	45%	47%	42%	56%	48%	44%	49%	47%	47%
TOTAL WASTE GENERATED	102 440	83 246	78 444	94 288	73 427	77 756	88 558	82 018	85 804	99 982	81 266	99 474	1 046 703	87 225
WASTE TO LANDFILL (KG)														
NON HAZARDOUS														
GENERAL WASTE	44 860	34 250	29 000	37 000	27 000	30 000	35 990	27 750	40 500	41 000	29 750	42 560	419 660	34 972
HAZARDOUS WASTE														
GALLEY WASTE	5 880	5 400	5 040	6 670	5 160	5 290	5 600	6 510	7 350	6 530	5 500	5 760	70 690	5 891
EMPTY MOTOR OIL CANS	0	0	0	0	0	0	0	0	0	0	500	0	500	42
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD-HOC (NOT INCL)	0	0	0	3 060	0	0	0	0	0	0	0	0	3 060	255
TOTAL HAZARDOUS WASTE	5 880	5 400	5 040	9 730	5 160	5 290	5 600	6 510	7 350	6 530	6 000	5 760	74 250	6 188
TOTAL WASTE TO LANDFILL	50 740	39 650	34 040	46 730	32 160	35 290	41 590	34 260	47 850	47 530	35 750	48 320	493 910	41 159
WASTE RECYCLED (KG)														
PLASTIC														
PET	2 323	2 738	848	1 691	2 266	936	3 255	1 283	2 584	2 228	1 926	2 145	24 223	2 019
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	195	340	145	277	445	377	631	231	526	743	375	281	4 566	381
LDPE SOFT	1 580	2 742	1 970	1 620	2 640	2 341	2 209	2 550	0	2 350	2 100	2 100	22 102	1 842
HD	1 040	538	720	1 339	449	90	694	355	782	2 734	1 605	422	10 768	897
PLASTIC PS	152	102	43	111	138	84	159	71	130	894	137	75	2 096	175
PLASTIC MIX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	43	38	29	55	106	77	120	32	90	6 599	6 392	5 022	19 601	1 550
SUB TOTAL	5 333	6 496	3 755	5 093	6 044	3 905	7 068	4 522	4 112	13 198	12 785	10 045	82 356	6 863
PAPER														
COMMON MIX WASTE	1 229	2 520	1 860	2 186	2 976	850	3 590	1 420	1 823	2 121	1 538	2 164	24 277	2 023
NEWSPAPER	25 544	8 674	16 926	13 738	6 474	9 468	4 160	11 622	2 428	10 230	6 361	14 640	130 265	10 855
CARDBOARD	4 160	6 849	4 575	5 880	4 042	8 320	4 987	6 615	6 640	4 100	5 860	5 020	66 848	5 571
WHITE OFFICE PAPER	900	1 780	920	1 620	1 040	1 610	653	1 322	2 380	2 040	1 420	800	16 485	1 374
SUB TOTAL	31 833	19 623	24 281	23 424	14 532	20 248	13 390	20 979	13 271	18 491	15 179	22 624	237 875	19 823
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANS	781	1 986	895	618	1 251	924	1 244	1 073	722	1 568	1 085	1 205	13 352	1 113
FOIL	0	268	0	0	0	0	0	0	0	0	0	0	268	22
SUB TOTAL	781	2 254	895	618	1 251	924	1 244	1 073	722	1 568	1 085	1 205	13 620	1 135
OTHER														
FLUORESCENT TUBES	0	160	169	214	261	0	236	240	0	202	0	0	1 482	124
LAMP COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETRA PAK	280	520	340	484	0	0	0	1 420	124	586	309	476	4 539	378
GLASS	4 880	4 921	4 516	3 812	6 907	4 580	4 662	6 675	4 260	4 423	4 816	6 093	60 545	5 045
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	500	0	500	42
PRINTER CARTRIDGES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD WASTE	8 593	9 622	10 448	13 913	12 272	12 809	20 368	12 849	15 465	13 984	10 842	10 711	151 876	12 856
SUB TOTAL	13 753	15 223	15 473	18 423	19 440	17 389	25 266	21 184	19 849	19 195	16 467	17 280	218 942	18 245
TOTAL WASTE RECYCLED	51 700	43 596	44 404	47 558	41 267	42 466	46 968	47 758	37 954	52 452	45 516	51 154	552 793	46 066
SUMMARY														
TOTAL WASTE GENERATED	102 440	83 246	78 444	94 288	73 427	77 756	88 558	82 018	85 804	99 982	81 266	99 474	1 046 703	87 225

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	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total	Average
% WASTE RECYCLED / RE-USED	49%	52%	49%	47%	58%	51%	48%	47%	48%	51%	47%	44%	49%	49%
% WASTE LANDFILLED	51%	48%	51%	53%	42%	49%	52%	53%	52%	49%	53%	56%	51%	51%
TOTAL WASTE GENERATED	97 394	86 730	88 972	100 157	86 955	78 571	104 829	78 076	115 492	101 109	84 649	80 056	1 102 990	91 916
WASTE TO LANDFILL (KG)														
NON HAZARDOUS														
GENERAL WASTE	45 250	36 500	39 970	44 750	32 750	33 500	47 170	37 000	55 030	42 940	39 500	40 670	495 030	41 253
HAZARDOUS WASTE														
GALLEY WASTE	4 620	5 120	5 560	6 970	4 120	5 140	6 840	4 120	5 420	6 609	4 950	4 000	63 469	5 289
EMPTY MOTOR OIL CANS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	940	0	0	0	0	0	0	0	0	940	78
AD-HOC (NOT INCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HAZARDOUS WASTE	4 620	5 120	5 560	7 910	4 120	5 140	6 840	4 120	5 420	6 609	4 950	4 000	64 409	5 367
TOTAL WASTE TO LANDFILL	49 870	41 620	45 530	52 660	36 870	38 640	54 010	41 120	60 450	49 549	44 450	44 670	559 439	46 620
WASTE RECYCLED (KG)														
PLASTIC														
PET	1 796	1 616	1 654	1 820	2 150	2 077	2 220	2 340	2 220	1 810	1 650	2 010	23 363	1 947
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	303	437	765	465	449	460	753	140	198	230	200	190	4 590	383
LDPE SOFT	2 100	0	820	1 750	0	2 230	2 130	0	2 080	1 980	1 890	1 870	16 850	1 404
HD	383	2 407	1 140	380	2 181	380	439	1 910	450	1 310	390	340	11 710	976
PLASTIC PS	58	156	43	121	155	101	188	0	0	0	0	0	822	69
PLASTIC MIX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	35	69	20	72	68	41	81	0	0	0	0	0	386	32
SUB TOTAL	4 675	4 685	4 442	4 608	5 003	5 289	5 811	4 390	4 948	5 330	4 130	4 410	57 721	4 610
PAPER														
COMMON MIX WASTE	2 250	1 100	1 640	1 930	2 050	1 690	2 820	3 030	1 710	1 060	0	0	19 280	1 607
NEWSPAPER	11 420	15 840	10 230	10 127	10 466	7 478	9 987	2 502	10 079	11 377	10 411	0	109 917	9 160
CARDBOARD	4 780	6 220	5 940	5 720	5 200	6 460	5 500	4 680	7 640	6 400	4 780	4 860	68 180	5 682
WHITE OFFICE PAPER	740	840	920	800	960	840	1 120	820	1 060	1 180	740	620	10 640	887
SUB TOTAL	19 190	24 000	18 730	18 577	18 676	16 468	19 427	11 032	20 489	20 017	15 931	5 480	208 017	17 335
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	0	0	0	0	0	760	0	0	0	760	63
CANS	1 168	1 277	1 438	777	1 090	1 201	1 950	1 650	585	2 472	1 084	659	15 350	1 279
FOIL	0	0	0	0	0	0	0	0	480	0	0	0	480	40
SUB TOTAL	1 168	1 277	1 438	777	1 090	1 201	1 950	1 650	1 825	2 472	1 084	659	16 590	1 382
OTHER														
FLUORESCENT TUBES	221	210	1 438	0	495	220	164	0	155	162	233	0	3 296	275
LAMP COMPONENTS	0	98	0	0	0	0	0	0	0	0	0	0	98	8
TETRA PAK	260	440	300	250	470	470	410	360	330	370	370	420	4 450	371
GLASS	5 360	5 449	4 556	9 650	6 620	3 959	7 554	4 303	7 488	4 772	3 456	5 232	68 399	5 700
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINTER CARTRIDGES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD WASTE	16 650	8 951	12 539	13 635	17 732	12 325	15 504	15 221	19 807	18 437	14 995	19 185	184 980	15 415
SUB TOTAL	22 491	15 148	18 832	23 535	25 316	16 974	23 632	19 884	27 780	23 741	19 054	24 837	261 223	21 769
TOTAL WASTE RECYCLED	47 524	45 110	43 442	47 497	50 065	39 931	50 819	36 956	55 042	51 560	40 199	35 386	543 551	45 296
SUMMARY														
TOTAL WASTE GENERATED	97 394	86 730	88 972	100 157	86 955	78 571	104 829	78 076	115 492	101 109	84 649	80 056	1 102 990	91 916

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	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Total	Average
% WASTE RECYCLED / RE-USED	45%	63%	39%	49%	56%	42%	53%	34%	57%	43%	48%	58%	49%	49%
% WASTE LANDFILLED	55%	37%	61%	51%	45%	58%	47%	66%	43%	57%	52%	42%	51%	51%
TOTAL WASTE GENERATED	6 362	1 477	3 260	12 211	10 482	15 283	26 516	19 525	45 665	33 450	27 139	41 507	242 877	24 288
WASTE TO LANDFILL (KG)														
NON HAZARDOUS														
GENERAL WASTE	3 500	540	2 000	5 760	4 700	8 860	12 360	11 900	18 447	18 447	14 000	16 620	117 134	11 713
HAZARDOUS WASTE														
GALLEY WASTE								1 020	1 020	740		710	3 490	349
EMPTY MOTOR OIL CANS														
OTHER														
AD-HOC (NOT INCL)				489									489	49
TOTAL HAZARDOUS WASTE	0	0	0	489	0	0	0	1 020	1 020	740	0	710	3 979	398
TOTAL WASTE TO LANDFILL	3 500	540	2 000	6 249	4 700	8 860	12 360	12 920	19 467	19 187	14 000	17 330	121 113	12 111
WASTE RECYCLED (KG)														
PLASTIC														
PET	0	0	0	350	0	480	700	500	1 100	730	840	1 200	5 900	590
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	0	0	0	60	0	60	90	0	150	60	120	180	720	72
LDPE SOFT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HD	0	0	0	740	0	700	690	0	1 630	710	660	1 410	6 540	654
PLASTIC PS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLASTIC MX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	1 150	0	1 240	1 480	500	2 880	1 500	1 620	2 790	13 160	1 316
PAPER														
COMMON MIX WASTE	0	0	0	0	0	0	34	0	0	0	0	1 640	1 674	167
NEWSPAPER	0	0	0	0	0	2 960	1 086	360	5 990	1 140	1 960	1 340	14 836	1 484
CARDBOARD	0	0	0	0	1 280	0	3 120	1 200	4 007	1 540	1 840	3 060	16 047	1 605
WHITE OFFICE PAPER	0	0	0	0	1 240	0	1 040	160	580	260	920	440	4 640	464
SUB TOTAL	0	0	0	0	2 520	2 960	5 280	1 720	10 577	2 940	4 720	6 480	37 197	3 720
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	696	275	0	0	0	0	0	0	0	971	97
CANS	0	0	0	0	0	0	539	0	0	714	455	0	1 708	171
FOIL	0	0	0	166	0	0	0	0	0	0	0	0	166	17
SUB TOTAL	0	0	0	862	275	0	539	0	0	714	455	0	2 845	284
OTHER														
FLUORESCENT TUBES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAMP COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETRA PAK	0	0	0	180	0	80	70	0	170	90	110	210	910	91
GLASS	0	0	0	1 431	0	0	3 664	1 134	2 649	1 120	0	3 406	13 404	1 340
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINTER CARTRIDGES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD WASTE	2 862	937	1 260	2 339	2 987	2 143	3 123	3 251	9 922	7 899	6 234	11 319	54 276	5 428
SUB TOTAL	2 862	937	1 260	3 950	2 987	2 223	6 857	4 385	12 741	9 109	6 344	14 935	68 590	6 859
TOTAL WASTE RECYCLED	2 862	937	1 260	5 962	5 782	6 423	14 156	6 605	26 198	14 263	13 139	24 205	121 792	12 179
SUMMARY														
TOTAL WASTE GENERATED	6 362	1 477	3 260	12 211	10 482	15 283	26 516	19 525	45 665	33 450	27 139	41 535	242 905	24 290

Tender - Waste Monitoring

KING SHAKA INTERNATIONAL AIRPORT
APRIL 2021 - MARCH 2022



	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total	Average
% WASTE RECYCLED / RE-USED	51%	57%	61%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% WASTE LANDFILLED	49%	43%	39%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL WASTE GENERATED	40 054	41 802	40 355	0	0	0	0	0	0	0	0	0	122 211	40 737
WASTE TO LANDFILL (KG)														
NON HAZARDOUS														
GENERAL WASTE	16 800	17 600	15 140	0	0	0	0	0	0	0	0	0	49 540	16 513
HAZARDOUS WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALLEY WASTE	0	560	500	0	0	0	0	0	0	0	0	0	1 060	353
EMPTY MOTOR OIL CANS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER-SOLVENT SLUDGE	3 020	0	0	0	0	0	0	0	0	0	0	0	3 020	1 007
AD-HOC (NOT INCL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HAZARDOUS WASTE	3 020	560	500	0	0	0	0	0	0	0	0	0	4 080	1 360
TOTAL WASTE TO LANDFILL	19 820	18 160	15 640	0	0	0	0	0	0	0	0	0	53 620	17 873
WASTE RECYCLED (KG)														
PLASTIC														
PET	0	1 904	1 070	0	0	0	0	0	0	0	0	0	2 974	991
PET MIXED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDPE SOFT	0	0	950	0	0	0	0	0	0	0	0	0	950	317
HD	0	1 760	218	0	0	0	0	0	0	0	0	0	1 978	659
PLASTIC PS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLASTIC MIX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	3 664	2 238	0	0	0	0	0	0	0	0	0	5 902	1 967
PAPER														
COMMON MIX WASTE	680	900	580	0	0	0	0	0	0	0	0	0	2 160	720
NEWSPAPER	1 890	1 920	1 260	0	0	0	0	0	0	0	0	0	5 070	1 690
CARDBOARD	3 480	3 260	2 420	0	0	0	0	0	0	0	0	0	9 160	3 053
WHITE OFFICE PAPER	480	460	420	0	0	0	0	0	0	0	0	0	1 360	453
SUB TOTAL	6 530	6 540	4 680	0	0	0	0	0	0	0	0	0	17 750	5 917
OIL														
MACHINE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD GRADE OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METAL														
SCRAP METAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANS	1 163	344	404	0	0	0	0	0	0	0	0	0	1 911	637
FOIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL	1 163	344	404	0	0	0	0	0	0	0	0	0	1 911	637
OTHER														
FLUORESCENT TUBES	662	0	0	0	0	0	0	0	0	0	0	0	662	221
LAMP COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETRA PAK	0	200	160	0	0	0	0	0	0	0	0	0	360	120
GLASS	2 005	3 578	1 433	0	0	0	0	0	0	0	0	0	7 016	2 339
RE-USED DRUMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRINTER CARTRIDGES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOOD WASTE	9 874	9 316	15 800	0	0	0	0	0	0	0	0	0	34 990	11 663
SUB TOTAL	12 541	13 094	17 393	0	0	0	0	0	0	0	0	0	43 028	14 343
TOTAL WASTE RECYCLED	20 234	23 642	24 715	0	0	0	0	0	0	0	0	0	68 591	22 864
SUMMARY														
TOTAL WASTE GENERATED	40 054	41 802	40 355	0	0	0	0	0	0	0	0	0	122 211	40 737

KING SHAKA INTERNATIONAL AIRPORT



AIRPORTS COMPANY
SOUTH AFRICA

PROJECTED WASTE RECYCLING QUANTITIES

WASTE RECYCLED (KG)		PER MONTH (AVERAGE)	
		UNIT	QUANTITY
PLASTIC	PET	ton	1.26
	PET MIXED	ton	0.00
	PP	ton	0.27
	LDPE SOFT	ton	1.05
	HD	ton	0.46
	PLASTIC PS	ton	0.06
	PLASTIC MIX	ton	0.04
	BOPP	ton	0.26
SUB TOTAL			3.39
PAPER	COMMON MIX WASTE	ton	3.86
	NEWSPAPER	ton	5.33
	CARDBOARD	ton	3.91
	WHITE OFFICE PAPER	ton	0.66
SUB TOTAL			13.76
OIL	MACHINE OIL	litres	0.00
	FOOD GRADE OIL	litres	0.00
SUB TOTAL			0.00
METAL	SCRAP METAL	ton	0.09
	CANS	ton	0.75
	FOIL	ton	0.03
SUB TOTAL			0.86
OTHER	FLUORESCENT TUBES	ton	0.11
	LAMP COMPONENTS	ton	0.05
	TETRA PAK	ton	0.26
	GLASS	ton	3.36
	RE-USED DRUMS	ton	0.01
	PRINTER CARTRIDGES	ton	0.00
	FOOD WASTE	ton	6.55
SUB TOTAL			10.33
TOTAL WASTE RECYCLED			28.34