Country			Fiji								FSM								Kiribati				Palau		PNG		RMI			Solomon Islands				Samoa		Tonga		Tuvalu		Vanuatu			
Name of City/Town			Suva	Nadi	Lautoka	Ba (estimation)	Sigatoka	Rakiraki (estimation)	Tavua	Source	Yap	Source	Chuuk	Source	Kosrae	Source	Pohnpei	Source	BTC	TUC		Source	Koror	Source	Port moresby	Source	Majuro	Ibeye	Source	Honiara	Source	Gizo	Source	Apia	Source	Vavau	Source	Funafuti	Source	Port Vila	Source	Luganville	Source
Population			74,481	11,777	43,473	6,826	9,622	4,952	1,079	"Nadi, Lautoka-2008 Sigatoka-2007 Sensus2007	11,850	SSWMS	53, 595	SSWMS	6,616	Sensus2010	35,981	Sensus2010	15,938	35,224		Census 2010	19,907	census 2005	401,376	NCDC (2014) based on 2011 final census data	23,676	9,345	Sensus 1999	64,609	Census (2009)	3,148	Gizo zoning survey (2013)	36,735	2011	14,936	2011			44,039	C/Pv presentation (2013)	13,156	
GNI (USD/capita)																																												
Visitors Arrival																																		127,410	2011									
Area (km²)						Estimation in 2011		Estimation in 2011																												121								
1. Waste Generation Amount																																												
	Household waste	g/capita/day	884	374	432	448	432	397	N/A	Estimated from LCC and NTC survey result	510	J-AWARE1		J-AWARE1	100	J-AWARE1	100	J-AWARE1	271	361			250	Koror State Generation survey, 2004	380	NCDC (2011-2014)	22.25	6-7	MAWC(2013),KALG	860	Honiara Waste Characterization Audit Report 2011	N/A		380	2011	505				430	PVM survey (2011)	900	Luganville Waste Characterization Report (2013)
	Commecial/Industrial waste	ton/day		11	8	2.4	11.8	0.3	N/A	Appendix1 Sigatoka-Hotel	3.3	J-AWARE 3	5.1	J-AWARE1	2.3	J-AWARE1	18.7	J-AWARE 3	0.6	1.5			15	Incoming waste survey, 2007	118	10-Jul-14	4.067		MAWC (2013)	0.09	Honiara Waste Characterization Audit Report 2011	N/A								13.73 kg/ business/ day	PVM survey (2011)	13.5kg/business/day	Luganville Waste Characterization Report (2013)
	Market Waste	ton/day	11	3.8	3.3	1.1	0.54	0.3	N/A		1	J-AWARE 3	1.5	J-AWARE 3	0.6	J-AWARE1	1.4	J-AWARE 3					N.A		5.7	Incoming waste survey, March 2014				N/A		N/A				0.07				5.8	PVM survey (2011)	approx 3 tonnes per day	Luganville Waste Characterization Report (2013)
2. Waste Composition				Household	Household						Household		Household *3		Household		Household						Landfill site		Household		Landfill site			Household		Household		Household						Household		Household	
	Organic	%	N/A	73.3	67.5	N/A	N/A	N/A	N/A		20.1		33.8		**25.9**		**33.8**		74.0%	74.0%			28%		40.6%		42.67			53.3		42.6		42.5		45				72.6		63	
	Paper	%	N/A	12.1	12.9	N/A	N/A	N/A	N/A		12.8		8.9		**14.9**		**8.9**		7.0%	7.0%			15%		23.2%		11.2			6.6		10.4		7.2		23.4				2.8		3	
	Plactic	%	N/A	7.1	7.9	N/A	N/A	N/A	N/A		37.2		22.5		**20**		**22.5**		6.6%	6.6%			33%		11.5%		12.49			19.5		33.4		13.04		12.2				7		19	
	Glass	%	N/A	0.9	1.5	N/A	N/A	N/A	N/A		9.2		4.7		**8.7**		**4.7**		2.6%	2.6%			5%		6.7%		3.18			1.1		0.0		2.17		9.8				2.2		4	
	Metal	%	N/A	1.3	2.5	N/A	N/A	N/A	N/A		14.8		11.4		**15**		**11.4**		8.4%	8.4%			10%		13.8%		11			2.4		3.1		8.83		4.5				6.2		9	
	Texitile	%	N/A	0.9	1.5	N/A	N/A	N/A	N/A		4.2		1.2		**6.3**		**1.2**		1.0%	1.0%			2%		2.6%		7.06			2.9		6.5		6.79		1.7				1.8		0	
	Others	%	N/A	1.3	3.3	N/A	N/A	N/A	N/A		1.8		17.5		**9.2**		**17.5**		0.5%	0.5%			7%		1.6%		12.4			14.4		4.1		19.47	15.08-Diapers	3.6				7.4		2	
				2008	2008	2013					J-Aware 1		J-Aware1		J-Aware1		J-Aware1		2009	2009		NZAID UDP 2009	No indicated		NCDC (2014)				MAWC (2013)	Available	Honiara Waste Characterization Audit Report 2011	Available	Gizo Characterization survey (2011)	2011	Solid Waste Characterization and Generation Study 2011. SAFTLE				Available	Solid Waste Survey Results for Port Vila Municipality (2013)	Available	Luganville Waste Characterization Report (2013)
4. Waste Collection (Household)																																												
	Number of Zones		11	3	4	5		2		Wards	Colonia town		7 villages		4 munocopalities		4 municipalities	"Clean Pohnpei"	3	3			NA		3		East part of Majuro	All of Ebeye area	MAWC, KALG	10		6	Gizo zoning survey (2013)	13	MNRE records					10 collection routes		20 collection routes	
	Approximate number households being serviced			11,777	43,473						200.00	SSWMS	5000										NA							N/A		N/A				4,470				Total 9,000 HH, coverage NA		Total HH: 2,582 coverage NA	
	Collection frequency	Times/week	3 (resident area), 6 (commercial area) 6 (commercial)	2	2	3	3	2	3		Gov. build. (3times/week) Household (once a week)	SSWMS	once a week	Info from operator	Once/month		At least once a month		2 (council) + 1 (green bag)	2 (council) + 1 (green bag)			NA		2		Once/week	Everyday	MAWC, KALG	1		1		2	MNRE records	once per month (depends on community)				2 days/ week		1/week residential 4/week business	
	Collection operation	Contract-out (C) or direct (D)	both	C	C	contract - out/direct	C	C	D		(C)		(D)		(D)		(D)		both	both			NA		C		(C) Solid Waste Management Authority	(D)		C: 6 zones D: 4 zones		D		Contract out	MNRE records	D (by community)				D (some businesses and residents contract out but their numbers are not available)		D	
	if contracted-out	Number of contractors	3-4	1	1	1	1	1			1.00								1	1			NA		2		MAWC			5		-		7	MNRE records								
	if directly operated	Numer of staff involved in waste collection	12 (including co-zone)			2 council workers							2		2 compactor and 2 flat bed		2 compactor and flat bed						NA		5-6 persons monitoring					15		5				depends on community				About 20		2 drivers 4 waste collectors	
	Number of collection vehicles					1 contractor / 1 council vechile			1		1.00		2+old 1		2 compactor and 2 flat bed		2 compactor and flat bed						NA				3	1		5		2		9	MNRE records	1-2 (depends on community)				7		3	
	Collection Coverage Rate	% (number of household)									9.80	website of FSM Gov	7 villages out of 10										NA		N/A					N/A		N/A		91%	MNRE estimates					N/A		N/A	
		% (population)	100	100	100	100.0	100	100	100				7 villages out of 10										NA		60%	NCDC estimate				N/A		N/A		96%	MNRE estimates	40.3	FY2014			N/A		N/A	
5. Waste Disposal																							NA																					
	Name of disposal site		Naboro		Vunato	Maururu	Sigatoka	Rakiraki	(Maururu)		Not officialy named		Nueuo dumpsite		Lelu landfill site		Dekehtik Dumpsite		Betio	Nanikai	Bikenibeu		M-Dock landfill		Baruni		Majuro Landfill	Ebeye dumpsite	MAWC	Ranadi		Gizo dumpsite		Tafaigata	MNRE records	Kalaka				Bouffa		Luagnville Waste disposal site	
	Land owner of the site	Government or Private	Government		Government	Private	Government	Government			State Government		Private		State Gov.		State Gov.		gov	gov	gov		Koror State Government		Government		National Gov.	Local Gov.		Government		Government		Government	MNRE records	Government				Leased by Government for 30 years		Private, leased by LMC	
	Established When?		2005		1968	1984	1979				1970s	SSWMS	1990s	SSWMS	2008	SSWMS					2013		around 1960	presentation of BPW	over 20 years ago	NCDC estimate, no official document could be found				N/A		N/A		2003	MNRE records	1981				N/A		N/A	
	Size/area of the site	ha	7ha (Stage 1), more than 45ha at the end		20	3.2	1.2				Exsiting dumpsite (about 1,460 square	SSWMS	2,500 square meters	Survery in 2012					1.8	1	0.6	SAPHE	5	presentation of BPW (13acres)	9	Surrounding plots under procurement process	4 acre			6		2		~4.06	MNRE records	1.2				N/A		8	
	State of the site	Open Dump -> O Controlled Dump -> C Sanitary Landfill -> S	S		C	C	C	O			Exsiting dumpsite is O, new landfill is S		C		S		C/S		C	C	C		S		O		C	O		O		O		S		C				S		O	
	Leachate collection	Yes or No	Yes		No	No	No	No			Yes to new landfil, No to an existing dumpsite		there is a pond but no pipes installed		Yes		Yes		no	no	no		Yes		No		No	No		No		No		Yes	MNRE records	Yes				Yes		No	
	Monitoring of the Leachate (if Yes, frequency)	Yes or No	Yes		Yes (planned)	no	No	No			No		No		Yes		No		no regular (done by NZ UDP)	no regular (done by NZ UDP)	no regular (done by NZ UDP)		No		No		No	No		No		No		Yes	MNRE records	Yes				Yes (monthly)		No	
	Incoming waste (Average)	ton/day	66.7		58.9		15.7			Sigatoka-2013	2.3	Average of PW Incoming data sheet in 2012	3.2	Survery conducted in Mar. 2011	0.7	J-AWARE2	13.8	J-AWARE2					30	presentation of BPW	160.1	Incoming waste survey, March 2014	24		MAWC	76.7		N/A		26.75	Weighbridge	1.93	2012 (before community-based garbage collection			25-30		10	
	(household)	ton/day		13	48	8	4	5	1																		10																	
	(Business)	ton/day					11.7																				14																	
	(Market)																										N/A																	
		ton/year	24,020		21,204	2,150	5,652				828		1168						975			SAPHE	10800											8,025.00	Weighbridge	694.8							
	Estimate life span from today	Year	over 2045		15 years (2008-)		5 years (2013-)				New(10-15 years) Existing (depending on the rehabilitation)	info. from an engineer of PW	about 3years	just estimation					Condition: No illigal dumping,compaction ---		Condition:No illigal dumping, No compaction ---->4.4years Condition:No illigal dumping, compaction ---->9.4 years	NZAID UDP in 2009	2-3	just estimation	3	Without obtaining of surrounding plots	Already fulled up			12-16		N/A		20	MNRE estimates	8 years (2012-)				30		20	
	Development of Operational Manual	Yes or No			No	No	drafted	No			Manual was drafted		No		Yes								Yes		Yes	Preliminary O&M manual developed, Jul 2014	No	No		No		No		Yes	Existing Manual	Yes	FY2014			No		No	
	Landfill equipment	# of Bulldozer/Landfill Compactor			1 Bulldozer			rented			0		1		1		1						1		1	Contractor's equipment	1	0		0		0		1	MNRE records					2 (bulldozers)		Bulldozer hired every two months	
		# of Backhoe/Excavator			1 Excavator	1 council excavator	1 digger				1		0		0		0						0		1	Contractor's equipment	1	0		0		0		1	MNRE records					1 (excavator)		0	
		# of Loader			0						0		0		0		1		rent	rent	rent		0		0		1	0		1		0		0	MNRE records					0		0	
	Landfill operation	Contract-out (C) or direct (D)	C		D	D	D	D			(D)		(D)		(D)		(D)		D	D	D		(D)		C		(C)	(D)		D		D		C	MNRE	D				D		D	
	Tipping fee	local currency per ton	25		depends	$25 <1ton, $45<3ton, $70>3ton	depends(established category)	depends		LCC-depend on the category	No tipping fee		No tipping fee		No tipping fee		No tipping fee		no	no	no		No tipping fee				No tipping fee	No tipping fee		Not collected		Not collected				-							
		local currency per vehicle																							Municipal waste: 65.32 kina, Hazardous waste = 189.07 kina					Not collected		Not collected		5, 10,20,30	MNRE records	-				VT 650 (small) VT 1,300 (medium) VT 3,250 (large)		VT 600 (small) VT 1,200 (medium) VT 1,800 (large)	
	(if tippinng fee is charged, the money is going where - waste management account or general account?)				general account	general account	general account	general account																	General account									Govt	MNRE records							LMC Waste Management Account	
	Approximate number of waste pickers				25	no	15				3	just estimatio	10	just estimatio	0		5		10				3	just estimatio	508		0	5		50		0		20	MNRE records	0				20		6	
	Measures to control waste pickers	Yes or No	Yes		Yes		Yes	No			No		No		No		No		No	Yes	Yes		No		Yes		No	No		No		-		Yes	MNRE records					Yes		No	
	(describe the measures, if yes)		control of entrance (no entrance)		Registration system, OHS training		Registration system													control of entrance	control of entrance				Hiring of leaders as permanent employees by WMD									Registered Rules and agreement	MNRE records					Registration		-	
6. Financial Situaton			in 2014			in 2013		in 2014				US$	325,000.00	US$		US$		US$	in 2013	in 2014																								
	Total annual Revenue (Whole)	local currency	30,827,211	4,100,785	5,526,839	17,000	1,215,330	314,512				US$	320,000.00	US$		US$		US$	592,721	729,402					285,035,000		NA	NA		30,087,323	HCC Approved Budget (2014)	N/A		$34,800	Ministry budget 2013-2014	1500 (2010)				N/A		72,870,067	2012-2013 year
	Total Expenditure/budget (Whole)	local currency	23,297,350	3,994.936	5,465,670	30,000	1,380,945	325,809				US$	92,949.00	US$		US$		US$	585,714	726,226					228,286,000		NA	NA		25,567,075	HCC Approved Budget (2014)	12,626,364	Jan - Sep, 2014	$2,232,980	Ministry budget 2013-2014	56,148.97 (2010)				N/A		76,335,015	2012-2013 year

	Expenditure/budget for waste management										0.00	US$	62,453.00	US$		US$		US$									NA	NA														
	a) Administration cost	local currency	51,500	116,736	52,000		37,492		4,232		14,000.00	US$	18,000.00	US$		US$		US$	138,501	10,000					1,086,000		NA	NA		N/A		N/A		222,470	Ministry budget 2013-2014	54,649 (2010)				5,059,000		740,000	*4
	b) Waste collection	local currency	500,000	559,000	292,460		40,307	29,700	24,960		36,000.00	US$	8,500.00	US$		US$		US$	33,000	50,000					6,800,000	FY2014	NA	NA		980,000		24,762		1,196,585	Ministry budget 2013-2014					40,003,187	2011/2012, PVMC	2,812,000	*5
	c) Waste Disposal	local currency	948,750		151,483		59,639.26		4,680		0.00	US$	0.00	US$		US$		US$		20,000					4,500,000		NA	NA		70,000				299,805	Ministry budget 2013-2014	1,499.97				13,453,438		1,650,000	*6
	d) Other	local currency		525,005	563,277		137,560			Public Area Cleaning Education & Awareness	0.00	US$	0.00	US$		US$		US$	3,840	10,000		$50.00 for chairman, $45.00 to each committee			3,825,000		NA	NA		50,000	FY2014	0	2013									0	
	e) Revenue from waste management activities	local currency	391,875	180,487	1,163,645		180,487			NTC- Garbage fee, Market wate collection fee	50,000.00	US$	88953	US$		US$		US$							8,000,000		NA	NA		102,000		0		34,800						63,997,302		4,820,000	*7
	Total Expenditure for SWM (a+b+c+d-e)	local currency	1,108,375	1,020,254	-104,425		94,512		33,872										175,341	90,000			650,000	Koror SWM Manual (2013)	8,211,000		NA	NA		998,000		24,762		1,684,060		56,148.97				58,515,625		382,000	

*1 The data was collected during June-July 2014.

*2 Population of Suva,Nandi, Lautoka, Tabua, Ba are only forTown Boundly. Population of Sigatoka and Rakiraki is for hole area (both town boundly and rural area.).

*3 Waste composition Data of Chuuk is estimation.

*4 The budget incls prinitng education awareness materials radio and print advertising special events and waste characterisation

*5 Incls truck repayments, protective clothing for staff, truck repairs and fuel

*6 Inlcs bulldozer hire plus sign and site maintenance

*7 Gate fees, business house waste collection fee, compost sales, hire of flat bed truck for waste disposal