



**Japanese Technical Cooperation Project
for Promotion of Regional Initiative
on Solid Waste Management in Pacific Island Countries
(J-PRISM)
Report of Waste Picker Survey
at Ranadi Landfill**

July 2014

Honiara, Solomon Islands

Pictures of Waste Picker Survey at Ranadi Landfill



Survey at Ranadi landfill



Survey Team at Ranadi landfill



Survey at Ranadi landfill



Survey at Ranadi landfill



Dumping area (taken from the backside toward the entrance)

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Chapter 1 Outline of Waste Picker Survey

The waste picker survey was conducted for 3 days (July 18, 19, 21) at Ranadi landfill, Honiara, Solomon Islands with the initiative of Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries (J-PRISM), Honiara City Council and Ministry of Environment, Climate Change, Disaster Management and Meteorology.

59 households (heads of households or equivalent) were interviewed, based on the interview sheet (Attachment 1). The items of the interviews were: 1) Name of family head, 2) Residence, 3) Living year at Ranadi landfill, 4) Collected recyclables, 5) Family members.

These information including the list of waste pickers will be utilized to the future operation of Ranadi landfill.

The outline of waste picker survey is shown in Table 1.

Table 1: Outline of Waste Picker Survey

Location	Ranadi Landfill, Honiara, Solomon Islands
Schedule	July 18/ 19/ 21, 2014 8:30- 17:30
Purposes	To grasp the basic data of waste picking activities To analyze how to manage waste pickers and to form the better relation with them To improve the rehabilitation/ operation plan and the dumpsite operation itself
Survey interviewers	1. Honiara City Council: - Joe Kelesi (Landfill supervisor, Public Works Division) - Fred Lii (Environmental Health Division) - Dylan Titiulu (Environmental Health Division) 2. Ministry of Environment, Climate Change, Disaster Management and Meteorology - Michael Vaghi (Volunteer) - Enoch Faabusu (Volunteer) 3. JICA Expert Team - Akihiro Osada

Chapter 2 Survey Results

The survey results are shown in Table 2.

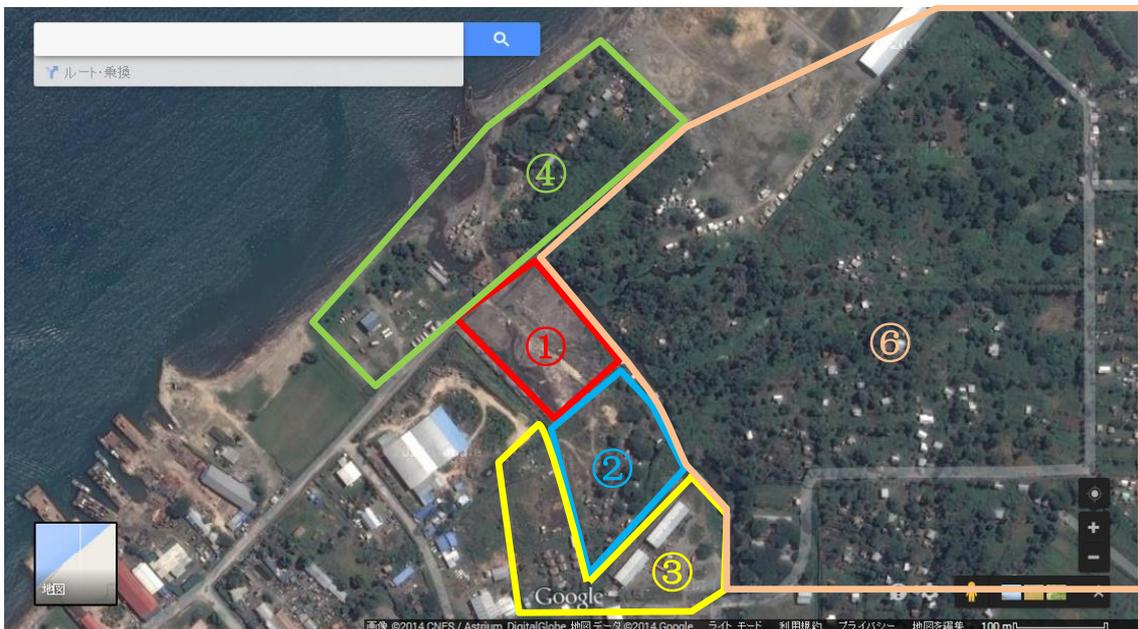
Table 2: Survey results

Items		Number (Percentage)	
1) Number of households		59	
2) Number of waste pickers		92	
3) Sex	Male	37	(40.2%)
	Female	55	(59/8%)
4) Age	0-9	9	(9.8%)
	10-19	5	(5.4%)
	20-29	25	(27.2%)
	30-39	19	(20.7%)
	40-49	19	(20.7%)
	50-59	11	(12.0%)
	60-	4	(4.2%)
	5) Original Province	Malaita/North	48
Malaita/South		7	(11.9%)
Malaita/Others		4	(6.7%)
6) Recyclables	Aluminum cans	39	(66.1%)
	Tin cans	24	(40.7%)
	PET bottles	13	(22.0%)
	Sol Brew bottles	16	(27.1%)
	Scrap metal	33	(55.9%)
	Food waste	50	(84.7%)
7) Living year	Less than 1 year	14	(23.7%)
	2 - 5 years	19	(32.2%)
	6-10 years	6	(10.2%)
	more than 10 years	19	(32.2%)
	N/A	1	(1.7%)
8) Living area (*)	①	3	(5.1%)
	②	15	(25.4%)
	③	1	(1.7%)

Items	Number (Percentage)
④	3 (5.1%)
⑤	3 (5.1%)
⑥	34 (57.6%)

(*) “Living area” is interviewed, based on the Map below:

1. Inside the dumpsite (existing areas)
2. Inside the dumpsite (expansion area)
3. Outside the dumpsite
4. Outside the dumpsite
5. Others
6. Outside the dumpsite



Attachment

Attachment 1: Questionnaire of the waste picker survey

Attachment 2: Results of the waste picker survey