

6. RECYCLING OPINION SURVEY

RECYCLIC OPINION SURVEY

QUESTIONNAIRE

Republic of the Philippines
Office of the President
Metropolitan Manila Development Authority

MMDA-JICA Study on SWM for Metro Manila

Public Opinion Survey for Recycling

Interview schedule No. _____

Date _____ / ____ 97

Location

City/Municipality _____

Street _____

Dwelling Unit No. _____

Barangay _____

House No. _____

Interviewer _____

Time start _____ finish _____

A. Interviewee's Data

(1) Householder

Name :

Age :

Status :

(2) Informant:

- ☐ Householder ☐ Wife ☐ Son ☐ Other family member
☐ Maid ☐ Daughter ☐ Others specify ()

(3) Family Data

- 1) Occupation of householder :
- 2) Number of children:
- 3) Other members of household i.e. maid, driver, etc.
- 4) Total income :

(4) House

- 1) Type of building: (*Uri ng bahay/gusali*)

- ☐ Single ☐ Duplex ☐ Row house ☐ Apartment
☐ Barong-barong ☐ Others ()

- 2) Type of ownership : (*Uri ng pag-mamayari*)

- ☐ Owner of land ☐ Owner of house ☐ Rented only ☐ Occupied, rent free
☐ Others ()

Lot size : m^2
 Floor area : m^2
 Size of open space : m^2

B. Waste Generation

- 1) How much waste volume do you generate a week? (*Dami ng basura sa isang lingo*)
☐ 1 kilo ☐ 2 kilos ☐ 3 kilos ☐ 4 kilos

- 2) What types and volume of recyclable waste do you generate a week
 (*Dami at uri ng naibabalik gamit na basura sa isang lingo*)

(before collection by collector, selling to junk shop and others, and recycling by yourself)

- | | | |
|----------------------------------------------------------------------|---|---------------|
| <input type="checkbox"/> Beer glass bottle | (|)bottle(s) |
| <input type="checkbox"/> Other glass bottle | (|)bottle(s) |
| <input type="checkbox"/> Aluminum can (drinking) | (|)can(s) |
| <input type="checkbox"/> Steel can (drinking) | (|)can(s) |
| <input type="checkbox"/> News paper | (|)kg |
| <input type="checkbox"/> White paper | (|)kg |
| <input type="checkbox"/> Carton box paper | (|)kg |
| <input type="checkbox"/> Plastic bag (shopping bag) | (|)bag(s) |
| <input type="checkbox"/> Plastic container (shampoo, detergent etc.) | (|)container(s) |
| <input type="checkbox"/> Cloth | (|)kg |
| <input type="checkbox"/> Kitchen waste | (|)kg |
| <input type="checkbox"/> Metal (|) | |
| <input type="checkbox"/> Others (|) | |

C. Waste Segregation

- 1) Do you segregate your waste at present into such as recyclable waste and unrecyclable waste? (*Nagbubukod ba kayo ng basura sa kasalukuyan tulad ng naibabalik gamit at hindi ?*)
☐ yes ☐ no

- 2) If yes, how do you segregate your waste? Please describe below: (*Kung oo, papaano kayo naghihiwalay ng basura ?*)
-

- 3) How do you feel when you segregate your garbage? (*Papaano ang pakiramdam ninyo kung naghihiwalay kayo ng basura?*)

- ☐ Do not know how to segregate
☐ Troublesome
☐ Waste of time and labor
☐ Not interested
☐ the nature of things
☐ Good feeling

☐ Be proud

☐ Others: _____

4) If not to question (1) above, why do you not segregate your waste? (*Kung hindi, bakit hindi kayo naghihiwalay ng inyong basura?*)

☐ Can not find the time

☐ No space of stock at home

☐ Not important

☐ Troublesome

☐ Do not know how to segregate

☐ Not interested

☐ Others: _____

D. Storage of Waste

1) Do you have any space for waste storage in your house? (*Mayroon ba kayong lugar na maiimbakan ng basura sa bahay?*)

☐ yes

☐ no

2) If yes, where do you store the waste and how much is the area? (*Kung oo, saan ninyo iniimbak at gaano kalaki ang lugar?*)

☐ in the room (kitchen and others) ()m²

☐ in the garden ()m²

☐ at the entrance ()m²

☐ others ()m²

E. Collection of Waste

(1) General waste:

1) Who is responsible for the waste aspect in your house? (*Sino ang nakakaalam sa aspeto ng basura sa bahay?*)

☐ Husband ☐ Wife ☐ Children ☐ Other family member

☐ Other person who live in the house ☐ Maid ☐ Others ()

2) Who is responsible in bringing out the waste in your house to the collector? (*Sino ang naglalabas ng basura sa bahay sa mga nangunguha?*)

☐ Husband ☐ Wife ☐ Children ☐ Other family member

☐ Other person who live together ☐ Maid ☐ Others ()

- 3) How often does the collector (from municipal government) collect waste? (*Gaano kadalas nango-ngolekta ng basura ang inyong pamahalaan.*)
()time(s)/week
- 4) How much do you pay for collectors? (*Magkano ang ibinabayad ninyo sa na ngo-ngolekta?*)
()time/week (on average)
()pesos/week (on average)

(2) Recyclable waste

- 1) What types of waste do you give or sell for recycling? (*Anong uri ng basura ang inyong ibinigay/ipinagbibili upang naibalik gamit.*)
Who collect recyclable waste? (*Sino ang kumukuha ng basurang nai-babalik gamit?*)

Recyclable Waste	Collectors	Frequency of Collection (times/week)
<input type="checkbox"/> Beer glass bottle		
<input type="checkbox"/> Other glass bottle		
<input type="checkbox"/> Aluminum can (drinking)		
<input type="checkbox"/> Steel drink can (drinking)		
<input type="checkbox"/> News paper		
<input type="checkbox"/> White paper		
<input type="checkbox"/> Carton box paper		
<input type="checkbox"/> Plastic bag (shopping bag)		
<input type="checkbox"/> Plastic container (shampoo, detergent)		
<input type="checkbox"/> Cloth		
<input type="checkbox"/> Kitchen waste		
<input type="checkbox"/> Metal ()		
<input type="checkbox"/> Others ()		

- 2) Where can you bring your recyclable waste when your community conduct group collection? (*Saan ninyo maaring dalhin ang basurang naibabalik-gamit*)

- ☐ Do not want to bring any places
☐ Can bring to waste collection station
☐ Can bring to community hall
☐ No idea
☐ Others

F. Recycling

- 1) Do you recycle waste at present? (*Nagbabalik gamit ba kayo ng basura sa kasalukuyan*)

☐ yes ☐ no

If yes, please describe below what kind of materials and how it is recycle? (*Kung oo, anong uri ng materyales at papaano ito ibinabalik-gamit*)

If not, why do not recycle the waste? (*Kung hindi, bakit hindi kayo nagbabalik gamit ng basura*)

- ☐ Can not find the time
☐ No space at home
☐ Not important
☐ Troublesome
☐ Do not know how to recycle
☐ Not interested
☐ Others: _____

- 2) Have you recycled waste yourself before? (*Nakapag-balik gamit ka na ba ng basura noon?*)

☐ yes ☐ no

If yes, please describe below what kind of materials and how do you recycle? (*Kung oo, anong uri ng materiales at papaano ka nagbabalik gamit?*)

If yes and discontinue recycling, why do not you recycle the waste at present? (*Kung oo, at itinitigil na ito, bakit?*)

G. Community Participation for Recycling

- 1) Do you participate in community activities for waste management? (*Nakikilahok ka ba sa pamayanang pagkilos sa pamamahala ng basura?*)

- ☐ Already involved
☐ Like to join
☐ Still considering or studying
☐ No opportunity
☐ Do not have time
☐ Lost of time
☐ Not interested in

- 2) Did you participate in community activities for waste management before? (*Nakilahok ka na ba sa pamayanang pagkilos sa pamamahala ng basura noon?*)

☐ yes ☐ no

If no, why? (*Kung hindi, bakit?*)

- ☐ Can not find the time
- ☐ Not important
- ☐ Troublesome
- ☐ No opportunity
- ☐ Not interested in
- ☐ Others: _____

- 3) Will you accept that household must pay fee for waste collection service?
(*Tatangapin mo ba na dapat magbayad sa pagkolekta ng basura?*)

- ☐ yes ☐ no

If yes, how much do you suggest the affordable amount for waste fee?
(*Kung oo, magkaano ang imumungkahi ninyong karadapt-dapat na halaga?*)

- ☐ ~ P 1 ☐ ~ P 5 ☐ ~ P 10 ☐ ~ P 20
☐ ~ P 30 ☐ ~ P 50

- 4) If your association sells recycling waste to junk shop, how will you use obtained money mainly? (*Kung ang inyong samahan ay ipagbibili ang naibabalik-gamit na basura sa Junkshop, papaano ninyo gagamitin ang napagbilhan?*)

- ☐ For your own purpose
- ☐ For solid waste management in your community
- ☐ For your municipality
- ☐ For other people's benefit

- (5) What can you do for community based recycling activities? (*Ano ang magagawa mo para sa pang-pamayanang pag-babalik-gamit na mga gawain?*)

check any column:

- ☐ Segregation of waste
- ☐ Collection
- ☐ Recycling
- ☐ Involvement of community society leader
- ☐ Others _____

Interviewed by:

Checked by:

(Signature)

(Signature)

RECYCLING OPINION SURVEY

FIELD INTERVIEWER MANUAL

**Republic of the Philippines
OFFICE OF THE PRESIDENT
Metropolitan Manila Development Authority**

**FIELD INTERVIEWER MANUAL
FOR RECYCLING**

MMDA - JICA Study Team

Public Opinion Survey for Recycling

INSTRUCTIONS ON HOW TO FILL THE SURVEY QUESTIONNAIRE

Sheet # 1

A. Interviewee's Data:

- Item 1. Householder - refers to the household member who is the source of authority in the family.
- Item 2. Informant - refers to the person to be interviewed. In the absence of the householder it is advisable to interview the wife or any other person who knows about the subject matter.
- Item 3. Family Data - refers to the items enumerated below:
- 1.) occupation of the householder - refers to the nature of the job being performed with respect to main occupation.
 - 2.) No. of children - include all children still living in the same dwelling units.
 - 3.) Other members - describe as many as living altogether.
 - 4.) Total Income - refers to total income derived from the main source of livelihood, which may be in the form of salaries, wages, or commissions of each member of the household.
- Item 4. House 1.) refers to the type of the structure occupies by the household.

Sheet # 2

- 2.) refers to ownership of the structure and land occupied by the household.

B. Waste Generation:

- Item No. 1 - if no definite answer obtained, leave the boxes blank.
- Item No. 2 - refers to the recyclable waste actually generated by the household.

C. Waste Segregation:

- Item 1. - Ask whether household is undertaking waste segregation.
- Item 2. - Ask household, details of waste segregation activities.
- Item 3. - Question is simple, but careful handling required.

Sheet # 3

- Item 4. - same as Item 3.

D. Storage of Waste:

- Item 1. - refers to spaces in the house to temporarily store waste prior to collection.
- Item 2. - refers to exact location of storage and appropriate size of the area.

E. Collection of Waste:

General Waste

Item 1. - refers to the person who is in charge of waste-management in the house.

Item 2.- refers to the person who takes out the waste from the house to the point of collection.

Sheet # 4

Item 3. - refers to the frequency of collection of waste by the city/municipal government.

Item 4 - refers to the amount paid by household to the collector (if any)

Recyclable Waste

Item 1. - refers to kind of waste sold/given away by household.

Item 2. - refers to a place where household can bring recyclable waste.

Sheet # 5

F. Recycling:

Item 1. -question is self explanatory - careful handling of question is advise.

Item 2. - same as Item 1 above.

G. Community Participation for Recycling:

Item 1. - refers to civic consciousness of household in waste management activities of the community.

Item 2. - same as Item 1 (sheet #4: G. Community Participation)

Sheet # 6

Item 3. - refers to opinion of household on paying a fee for garbage collection.

Item 4. - refers to the use of the proceeds from the sale of recyclable waste.

Item 5. - refers to the household contribution in propagating community based garbage recycling.

RECYCLIC OPINION SURVEY

DATA TABLES

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Σ. 17. 10. 1925

Public Opinion Survey for Recycling

A. Interviewee's Data

2) Informant

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Husband	106	43	109	44	82	33	297	40
Wife	82	33	55	22	77	31	214	29
Son	11	4	14	6	14	6	39	5
Other.family member	28	11	26	10	37	15	91	12
Maid	5	2	22	9	15	6	42	6
Daughter	14	6	16	6	15	6	45	6
Others specify	2	1	8	3	6	2	16	2
Total	248	100	250	100	246	100	744	100
No answer	0	0	0	0	0	0	0	0

Other specify	?	
Manila	Renter	1
	No answer	1
Quezon	Employee	4
	Accountant	1
	House helper	1
	Friend	1
	Tenant	1
Muntinlupa	Care taker	2
	House helper	2
	Secretary	1
	No answer	1

A.4

1) Type of Building

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Single	25	10	114	46	156	63	295	40
Duplex	5	2	5	2	6	2	16	2
Row House	31	13	16	6	3	1	50	7
Apartment	14	6	95	38	20	8	129	17
Barong-barong	25	10	11	4	7	3	43	6
Other specify	148	60	8	3	54	22	210	28
Total	248	100	249	100	246	100	743	100
No answer	0	0	1	0	0	0	1	0

Other specify	?	
Manila	Tenement	143
	Project House	2
	Bungalow	3
Quezon	Bungalow	1
	Commercial Bldg.	3
	Boarding House	1
	Compound	3
Muntinlupa	Bungalow	26
	Commercial Bldg.	8
	Up & Down Struc.	8
	2 Storey Bldg.	4
	Market Stall	3
	Low Cost House	2
	School Bldg.	1
	Rice Store	1
	Flat w/ newstand	1

2) Type of ownership

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Owner of land	1	0	32	13	129	52	162	22
Owner of house	59	24	81	33	47	19	187	25
Rented only	52	21	123	49	56	23	231	31
Occupied, rent free	136	55	13	5	14	6	163	22
Other specify	0	0	0	0	0	0	0	0
Total	248	100	249	100	246	100	743	100
No answer	0	0	1	0	0	0	1	0

Other specify ? None

<Lot size>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1-15	5	14	12	19	10	4	27	8
16-30	19	51	5	8	9	4	33	10
31-50	6	16	10	16	8	3	24	7
51-up	7	19	35	56	204	88	246	75
Total	37	100	62	100	231	100	330	100

<Floor area>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1-15	144	68	14	22	12	7	170	38
16-30	46	22	12	18	4	2	62	14
31-50	19	9	11	17	11	6	41	9
51-up	2	1	28	43	150	85	180	40
Total	211	100	65	100	177	100	453	100

<Size of open space>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1-15	3	100	4	19	9	12	16	16
16-30	0	0	10	48	15	20	25	25
31-50	0	0	3	14	15	20	18	18
51-up	0	0	4	19	36	48	40	40
Total	3	100	21	100	75	100	99	100

B. Waste Generation

1) How much waste volume do you generate a week?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1kilo	23	16	13	33	24	12	60	16
2kilos	19	13	15	38	32	16	66	17
3kilos	18	12	2	5	23	12	43	11
4kilos	87	59	10	25	115	59	212	56
Total	147	100	40	100	194	100	381	100
No answer	101	41	210	84	52	21	363	49

2) What types and volume of recyclable waste do you generate a week?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Beer glass bottle	78	34	72	34	13	6	163	25
Other glass bottle	191	82	198	94	185	91	574	89
Aluminum can	4	2	12	6	24	12	40	6
Steel can	9	4	14	7	6	3	29	4
News paper	81	35	140	67	154	75	375	58
White paper	3	1	31	15	20	10	54	8
Cartonbox paper	28	12	71	34	45	22	144	22
Plasticbag	122	53	114	54	76	37	312	48
Plastic container	89	38	116	55	43	21	248	38
Cloth	5	2	9	4	5	2	19	3
Kitchen waste	107	46	102	49	45	22	254	39
Metal	3	1	10	5	6	3	19	3
Others	2	1	2	1	5	2	9	1
Total	722	-	891	-	627	-	2,240	-
No answer	16	6	40	16	42	17	98	13

<Beer glass bottle>

(bottles)

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 10	45	63	12	55	2	29	59	59
11 - 20	15	21	6	27	3	43	24	24
21 - 50	6	8	4	18	2	29	12	12
51 - UP	5	7	0	0	0	0	5	5
Total	71	100	22	100	7	100	100	100

<Other glass bottle>

(bottles)

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 10	132	85	91	77	78	95	301	85
11 - 20	23	15	24	20	4	5	51	14
21 - 50	1	1	2	2	0	0	3	1
51 - UP	0	0	1	1	0	0	1	0
Total	156	100	118	100	82	100	356	100

<Aluminum can>

(cans)

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 5	3	75	1	50	7	70	11	69
6 - 10	1	25	1	50	3	30	5	31
11 - 20	0	0	0	0	0	0	0	0
21 - UP	0	0	0	0	0	0	0	0
Total	4	100	2	100	10	100	16	100

<Steel can>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 5	5	71	2	67	1	50	8	67
6 - 10	2	29	0	0	0	0	2	17
11 - 20	0	0	0	0	1	50	1	8
21 - UP	0	0	1	33	0	0	1	8
Total	7	100	3	100	2	100	12	100

<News paper>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1/4 - 1/2	29	44	51	71	6	10	86	43
2/3 - 1	15	23	11	15	37	62	63	32
2 - 3	17	26	7	10	7	12	31	16
4 - UP	5	8	3	4	10	17	18	9
Total	66	100	72	100	60	100	198	100

<White paper>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1/2 - 2	2	67	11	100	10	77	23	85
3 - 5	0	0	0	0	3	23	3	11
6 - 7	0	0	0	0	0	0	0	0
8 - UP	1	33	0	0	0	0	1	4
Total	3	100	11	100	13	100	27	100

<Cartonbox paper>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1/2 - 2	15	88	18	78	11	61	44	76
3 - 4	1	6	2	9	5	28	8	14
5 - 6	0	0	0	0	0	0	0	0
7 - UP	1	6	3	13	2	11	6	10
Total	17	100	23	100	18	100	58	100

<Plasticbag>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 5	32	32	17	29	28	60	77	37
6 - 10	33	33	19	32	10	21	62	30
11 - 20	29	29	20	34	9	19	58	28
21 - UP	6	6	3	5	0	0	9	4
Total	100	100	59	100	47	100	206	100

<Plastic container>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 2	15	29	11	26	9	45	35	30
3 - 4	10	19	24	56	3	15	37	32
5 - 6	21	40	5	12	7	35	33	29
7 - UP	6	12	3	7	1	5	10	9
Total	52	100	43	100	20	100	115	100

<Cloth>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 2	1	100	0	0	2	50	3	60
3 - 4	0	0	0	0	1	25	1	20
5 - 6	0	0	0	0	1	25	1	20
7 - UP	0	0	0	0	0	0	0	0
Total	1	100	0	0	4	100	5	100

<kitchen waste>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1/4 - 1	64	71	33	65	9	30	106	62
2 - 3	16	18	12	24	7	23	35	20
4 - 5	6	7	2	4	9	30	17	10
6 - UP	4	4	4	8	5	17	13	8
Total	90	100	51	100	30	100	171	100

<Metal>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1 - 2	0	0	0	0	2	50	2	40
3 - 4	0	0	0	0	1	25	1	20
5 - 6	0	0	0	0	0	0	0	0
7 - 8	0	0	1	100	1	25	2	40
Total	0	0	1	100	4	100	5	100

<Others>

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Total	0		0		0		0	

C. Waste Segregation

1) Do you segregate your waste at present into such as recyclable waste and unrecyclable waste?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	95	38	56	22	127	52	278	37
No	152	61	191	76	119	48	462	62
No answer	1	0	3	1	0	0	4	1
Total	248	100	250	100	246	100	744	100

2) If yes, how do you segregate your waste?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1	41	43	29	52	46	36	116	42
2	20	21	13	23	70	55	103	37
3	24	25	11	20	5	4	40	14
No Answer	10	11	3	5	6	5	19	7
Total	95	100	56	100	127	100	278	100

Legend

1. Segregation of Wet and Dry Garbage in different containers.
2. Segregation of all saleable items such as bottle,n.paper.
3. Segregation of all useful items such as bottle,n.paper,p.bags,k.waste.

3) How do you feel when you segregate your garbage?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Do not know how to segregate	14	9	12	17	49	23	75	17
Troublesome	19	12	2	3	8	4	29	7
Waste of time and labor	24	15	3	4	23	11	50	11
Not interested	14	9	1	1	25	12	40	9
The nature of things	22	14	17	24	83	38	122	28
Good feeling	64	41	32	46	39	18	135	30
Be proud	5	3	2	3	0	0	7	2
Other specify	10	6	10	14	1	0	21	5
Total	172	-	79	-	228	-	479	-
No answer	91	37	180	72	30	12	301	40

Other specify	?	
Manila	Practical	4
	Happy	2
	Good to help	2
	Additional income	2
Quezon	Good to help	5
	Additional income	5
Muntinlupa	Good to help	1

4) If no to question (1) above, why do you not segregate your waste?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Can not find the time	50	33	65	34	71	60	186	40
No space of stock at home	64	42	38	20	39	33	141	31
Not important	8	5	8	4	6	5	22	5
Troublesome	23	15	9	5	11	9	43	9
Do not know how to segregate	7	5	59	31	24	20	90	19
Not interested	21	14	7	4	14	12	42	9
Other specify	7	5	1	1	0	0	8	2
No answer	3	2	17	9	0	0	20	4
Total	183	-	204	-	165	-	552	-

Other specify	?	
Manila	Not saleable	1
	No buyer	1
	Having only small amount of waste	4
	Having only one trash can	1
Quezon	No buyer or collector	1
Muntinlupa	None	

D. Storage of Waste

1) Do you have any space for waste storage in your house?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	149	60	167	67	147	60	463	62
No	95	38	78	31	98	40	271	36
No answer	4	2	5	2	1	0	10	1
Total	248	100	250	100	246	100	744	100

2) If yes, where do you store the waste?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
In the room	110	74	103	62	17	12	230	50
In the garden	8	5	8	5	7	5	23	5
At the entrance	28	19	57	34	67	46	152	33
Others	5	3	4	2	61	41	70	15
No answer	0	0	0	-	0	-	0	-
Total	151	-	172	-	152	-	475	-

How much is the area?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1/8	7	19	0	0	0	0	7	5
1/4	5	14	0	0	0	0	5	4
1/2	12	33	3	8	4	7	19	15
1-up	12	33	37	93	51	93	100	76
Total	36	100	40	100	55	100	131	100

E. Collection of Waste

(1) General Waste

1) Who is responsible for the waste aspect in your house?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Husband	23	9	21	9	21	9	65	9
Wife	116	48	73	30	61	25	250	34
Children	29	12	23	9	15	6	67	9
Other family member	52	21	24	10	75	30	151	21
Other person who live in the house	39	16	67	27	19	8	125	17
Maid	18	7	33	14	53	22	104	14
Other specify	0	0	4	2	2	1	6	1
Total	277	-	245	-	246	-	768	-
No answer	5	2	6	2	0	0	11	1

Other specify ?
 Manila None
 Quezon Employee 4
 Muntinlupa Employee 1
 Store helper 1

2) Who is responsible in bringing out the waste in your house to the collector?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Husband	23	9	13	5	17	7	53	7
Wife	85	35	48	20	57	23	190	26
Children	64	26	62	25	38	15	164	22
Other family member	44	18	25	10	106	43	175	24
Other person who live in the house	39	16	79	32	40	16	158	21
Maid	18	7	38	16	87	35	143	19
Other specify	0	0	5	2	2	1	7	1
Total	273	-	270	-	347	-	890	-
No answer	2	1	5	2	0	0	7	1

Other specify ?
 Manila None
 Quezon Employee 5
 Muntinlupa Employee 2

3) How often does the collector (from municipal government) collect waste? (times/week)

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1-2	30	13	55	22	171	80	256	34
3-4	25	11	117	47	11	5	153	21
5-6	56	24	34	14	6	3	96	13
7-up	120	52	120	48	27	13	267	36
Total	231	100	326	-	215	100	772	-

4) How much do you pay for collectors?

pesos/week (on average)

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1-10	13	33	3	100	4	5	20	16
11-20	23	59	0	0	1	1	24	20
21-30	3	8	0	0	4	5	7	6
31-up	0	0	0	0	72	89	72	59
Total	39	100	3	100	81	100	123	100

(2) Recyclable waste

1) What types of waste do you give or sell for recycling?

<Beer glass bottle>

(bottles)

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	21	31	24	83	1	25	46	46
Push cart	4	6	2	7	3	75	9	9
Given to neighbor	1	1	0	0	0	0	1	1
Family re-used	0	0	0	0	0	0	0	0
Returned to store	42	62	3	10	0	0	45	45
Street sweeper	0	0	0	0	0	0	0	0
Given to student	0	0	0	0	0	0	0	0
Total	68	100	29	100	4	100	101	100

<Other glass bottle>

(bottles)

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	125	93	108	98	86	91	319	94
Push cart	0	0	2	2	6	6	8	2
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	0	0	0	0	1	1	1	0
Returned to store	9	7	0	0	0	0	9	3
Street sweeper	0	0	0	0	2	2	2	1
Given to student	0	0	0	0	0	0	0	0
Total	134	100	110	100	95	100	339	100

<Aluminum can>

(cans)

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	0	0	5	100	0	0	5	83
Push cart	0	0	0	0	0	0	0	0
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	1	100	0	0	0	0	1	17
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	0	0	0	0	0	0	0	0
Given to student	0	0	0	0	0	0	0	0
Total	1	100	5	100	0	0	6	100

<Steel can>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	1	33	0	0	0	0	1	33
Push cart	0	0	0	0	0	0	0	0
Given to neighbor	1	33	0	0	0	0	1	33
Family re-used	0	0	0	0	0	0	0	0
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	1	33	0	0	0	0	1	33
Given to student	0	0	0	0	0	0	0	0
Total	3	100	0	0	0	0	3	100

<Newspaper>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	27	79	17	94	1	20	45	79
Push cart	4	12	1	6	4	80	9	16
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	0	0	0	0	0	0	0	0
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	1	3	0	0	0	0	1	2
Given to student	2	6	0	0	0	0	2	4
Total	34	100	18	100	5	100	57	100

<White paper>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	1	100	2	67	1	14	4	36
Push cart	0	0	1	33	6	86	7	64
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	0	0	0	0	0	0	0	0
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	0	0	0	0	0	0	0	0
Given to student	0	0	0	0	0	0	0	0
Total	1	100	3	100	7	100	11	100

<Carton box paper>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	1	10	5	63	2	22	8	30
Push cart	6	60	3	38	7	78	16	59
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	2	20	0	0	0	0	2	7
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	1	10	0	0	0	0	1	4
Given to student	0	0	0	0	0	0	0	0
Total	10	100	8	100	9	100	27	100

<Plastic bag>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	2	7	5	63	4	9	11	14
Push cart	7	26	3	38	2	5	12	15
Given to neighbor	0	0	0	0	1	2	1	1
Family re-used	15	56	0	0	37	84	52	66
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	3	11	0	0	0	0	3	4
Given to student	0	0	0	0	0	0	0	0
Total	27	100	8	100	44	100	79	100

<Plastic container>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	16	46	4	100	4	36	24	48
Push cart	13	37	0	0	4	36	17	34
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	1	3	0	0	3	27	4	8
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	5	14	0	0	0	0	5	10
Given to student	0	0	0	0	0	0	0	0
Total	35	100	4	100	11	100	50	100

<Cloth>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	0	0	0	0	0	0	0	0
Push cart	0	0	0	0	1	25	1	17
Given to neighbor	2	100	0	0	3	75	5	83
Family re-used	0	0	0	0	0	0	0	0
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	0	0	0	0	0	0	0	0
Given to student	0	0	0	0	0	0	0	0
Total	2	100	0	0	4	100	6	100

<Kitchen waste>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	0	0	2	15	0	0	2	2
Push cart	2	4	0	0	1	5	3	3
Given to neighbor	53	95	11	85	17	89	81	92
Family re-used	0	0	0	0	1	5	1	1
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	1	2	0	0	0	0	1	1
Given to student	0	0	0	0	0	0	0	0
Total	56	100	13	100	19	100	88	100

<Metal>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide	0	0	0	0	2	67	2	67
Push cart	0	0	0	0	1	33	1	33
Given to neighbor	0	0	0	0	0	0	0	0
Family re-used	0	0	0	0	0	0	0	0
Returned to store	0	0	0	0	0	0	0	0
Street sweeper	0	0	0	0	0	0	0	0
Given to student	0	0	0	0	0	0	0	0
Total	0	0	0	0	3	100	3	100

<Others>

Collectors	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Eco-aide							0	0
Push cart							0	0
Given to neighbor							0	0
Family re-used							0	0
Returned to store							0	0
Street sweeper							0	0
Given to student							0	0
Total	0	0	0	0	0	0	0	0

Frequency of collection
<Beer glass bottle>
(bottles)

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	19	32	0	0	0	0	19	18
1/Week	25	42	16	37	3	100	44	42
2/Weeks	12	20	2	5	0	0	14	13
3/Weeks	3	5	0	0	0	0	3	3
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	20	47	0	0	20	19
3/Months	0	0	1	2	0	0	1	1
1 Month	1	2	4	9	0	0	5	5
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	60	100	43	100	3	100	106	100

<Other glass bottles>
(bottles)

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	12	8	26	23	0	0	38	12
1/Week	75	53	16	14	56	78	147	45
2/Weeks	31	22	9	8	4	6	44	13
3/Weeks	7	5	11	10	1	1	19	6
4/Weeks	4	3	1	1	0	0	5	2
2/Months	3	2	15	13	7	10	25	8
3/Months	0	0	0	0	0	0	0	0
1 Month	10	7	35	31	4	6	49	15
Quarterly	0	0	1	1	0	0	1	0
1 Year	0	0	0	0	0	0	0	0
Total	142	100	114	100	72	100	328	100

<Aluminum can>
(cans)

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	1	100	2	40	0	0	3	38
1/Week	0	0	0	0	2	100	2	25
2/Weeks	0	0	0	0	0	0	0	0
3/Weeks	0	0	1	20	0	0	1	13
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	2	40	0	0	2	25
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	1	100	5	100	2	100	8	100

<Steel can>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	2	100	0	0	0	0	2	67
1/Week	0	0	0	0	1	100	1	33
2/Weeks	0	0	0	0	0	0	0	0
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	0	0	0	0	0	0
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	2	100	0	0	1	100	3	100

<News paper>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	2	4	0	0	0	0	2	2
1/Week	34	64	1	4	32	71	67	55
2/Weeks	6	11	3	13	5	11	14	11
3/Weeks	0	0	1	4	0	0	1	1
4/Weeks	0	0	0	0	0	0	0	0
2/Months	1	2	5	21	5	11	11	9
3/Months	0	0	0	0	0	0	0	0
1 Month	9	17	14	58	3	7	26	21
Quarterly	1	2	0	0	0	0	1	1
1 Year	0	0	0	0	0	0	0	0
Total	53	100	24	100	45	100	122	100

<White paper>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	0	0	0	0	0	0	0	0
1/Week	0	0	0	0	7	100	7	70
2/Weeks	0	0	0	0	0	0	0	0
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	3	100	0	0	3	30
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	0	0	3	100	7	100	10	100

<Cartonbox paper>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	0	0	1	11	0	0	1	4
1/Week	5	63	4	44	7	100	16	67
2/Weeks	1	13	0	0	0	0	1	4
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	2	22	0	0	2	8
3/Months	0	0	0	0	0	0	0	0
1 Month	1	13	2	22	0	0	3	13
Quarterly	0	0	0	0	0	0	0	0
1 Year	1	13	0	0	0	0	1	4
Total	8	100	9	100	7	100	24	100

<Plasticbag>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	7	50	1	11	12	86	20	54
1/Week	5	36	3	33	1	7	9	24
2/Weeks	2	14	1	11	0	0	3	8
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	2	22	0	0	2	5
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	2	22	1	7	3	8
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	14	100	9	100	14	100	37	100

<Plastic container>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	2	5	0	0	1	25	3	6
1/Week	12	32	3	50	2	50	17	35
2/Weeks	5	13	0	0	0	0	5	10
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	2	5	0	0	0	0	2	4
3/Months	0	0	0	0	0	0	0	0
1 Month	16	42	3	50	1	25	20	42
Quarterly	1	3	0	0	0	0	1	2
1 Year	0	0	0	0	0	0	0	0
Total	38	100	6	100	4	100	48	100

<Cloth>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	0	0	0	0	0	0	0	0
1/Week	0	0	0	0	0	0	0	0
2/Weeks	0	0	0	0	0	0	0	0
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	0	0	0	0	0	0
Quarterly	0	0	0	0	0	0	0	0
1 Year	1	100	0	0	0	0	1	100
Total	1	100	0	0	0	0	1	100

<kitchen waste>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	27	75	5	42	16	89	48	73
1/Week	4	11	0	0	2	11	6	9
2/Weeks	3	8	3	25	0	0	6	9
3/Weeks	2	6	3	25	0	0	5	8
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	1	8	0	0	1	2
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	36	100	12	100	18	100	66	100

<Metal>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily	0	0	0	0	0	0	0	0
1/Week	0	0	0	0	1	50	1	50
2/Weeks	0	0	0	0	0	0	0	0
3/Weeks	0	0	0	0	0	0	0	0
4/Weeks	0	0	0	0	0	0	0	0
2/Months	0	0	0	0	0	0	0	0
3/Months	0	0	0	0	0	0	0	0
1 Month	0	0	0	0	1	50	1	50
Quarterly	0	0	0	0	0	0	0	0
1 Year	0	0	0	0	0	0	0	0
Total	0	0	0	0	2	100	2	100

<Others>

Frequency of collection (times/week)	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Daily							0	0
1/Week							0	0
2/Weeks							0	0
3/Weeks							0	0
4/Weeks							0	0
2/Months							0	0
3/Months							0	0
1 Month							0	0
Quarterly							0	0
1 Year							0	0
Total	0		0		0		0	0

2)Where can you bring your recycable waste when your community conduct group collection?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Do not want to bring any places	6	3	5	2	34	19	45	7
Can bring to waste collection station	54	23	56	24	60	34	170	26
Can bring to community hall	8	3	3	1	6	3	17	3
No idea	145	61	166	70	65	36	376	57
Others	29	12	10	4	28	16	67	10
Total	242	-	240	-	193	-	675	-
No answer	10	4	12	5	67	27	89	12

F. Recycling

1) Do you recycle waste at present?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	72	29	52	21	121	49	245	33
No	171	69	193	77	123	50	487	65
No answer	5	2	5	2	2	1	12	2
Total	248	100	250	100	246	100	744	100

If yes, please describe below what kind of materials and how it is recycle?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1	2	3	10	19	3	2	15	6
2	57	79	30	58	104	86	191	78
3	7	10	5	10	5	4	17	7
No answer	6	8	7	13	9	7	22	9
Total	72	100	52	100	121	100	245	100

1. N.paper and P.bags use in packaging or as wrapper
2. Bottle, N.paper sold and P.bags re-used, Kitchen Waste use as hogfeed.
3. Segregation of useful items.

If no, why do you not recycle the waste?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Can not find the time	56	33	80	41	71	58	207	43
No space at home	62	36	38	20	34	28	134	28
Not important	9	5	3	2	3	2	15	3
Troublesome	22	13	11	6	8	7	41	8
Do not know how to recycle	20	12	57	30	17	14	94	19
Not interested	23	13	4	2	23	19	50	10
Others	9	5	1	1	3	2	13	3
No answer	6	4	10	5	0	0	16	3
Total	207	-	204	-	159	-	570	-

Others specify

Manila

?

Having small amount of waste only

5

Having hard time to sell

4

Quezon

Nothing to recycle

1

Muntinlupa

Prefer garbage to be burned

1

Too old to recycle

1

We have garbage pit

1

2) Have you recycled waste yourself before ?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	69	28	38	15	67	27	174	23
No	175	71	205	82	173	70	553	74
No answer	4	2	7	3	6	2	17	2
Total	248	100	250	100	246	100	744	100

If yes ,please describe below what kind of materials and how do you recycle?

	Manila		Quezon		Muntinlupa		Grand total	
	total	ratio	total	ratio	total	ratio	total	ratio
1	29	42	19	50	33	49	81	47
2	31	45	11	29	32	48	74	43
3	1	1	1	3	1	1	3	2
4	0	0	2	5	0	0	2	1
No answer	8	12	5	13	1	1	14	8
Total	69	100	38	100	67	100	174	100

Legend

1. Bottles, plastic bags re-used
2. Plastic container and carton boxes use in packaging or storing
3. Bottles,n.paper sold to Eco-aide
4. Kitchen waste use as hogfeed

If yes and discontinue recycling, why do you not recycle the waste at present?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
1	6	100	1	100	3	100	10	100
No answer		0		0		0	0	0
Total	6	100	1	100	3	100	10	100

Legend

1. Lack of time

G. Community Participation for Recycling

1) Do you participate in community activities for waste management?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Already involved	50	21	29	12	37	19	116	17
Like to join	64	27	40	17	82	42	186	28
Still considering or studying	9	4	16	7	17	9	42	6
No opportunity	75	31	70	30	23	12	168	25
Do not have time	27	11	60	25	36	18	123	18
Lost of time	6	3	16	7	13	7	35	5
Not interested in	17	7	9	4	10	5	36	5
Total	248	-	240	-	218	-	706	-
No answer	8	3	14	6	51	21	73	10

2) Did you participate in community activities for waste management before?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	67	27	80	32	22	9	169	23
No	179	72	165	66	178	72	522	70
No answer	2	1	5	2	46	19	53	7
Total	248	100	250	100	246	100	744	100

If no, why?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Can not find the time	51	28	68	41	104	58	223	43
Not important	1	1	7	4	1	1	9	2
Troublesome	13	7	1	1	5	3	19	4
No opportunity	76	42	63	38	41	23	180	34
Not interested in	15	8	7	4	16	9	38	7
Other specify	10	6	2	1	1	1	13	2
No answer	13	7	18	11	27	15	58	11
Total	179	100	166	-	195	-	540	-

Other specify

?

Manila	No ideas how to participate	2
	No existing group or organization	8
Quezon	No existing group or organization	1
	No answer	1
Muntinlupa	No answer	1

3) Will you accept that household must pay fee for waste collection service?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Yes	149	60	85	34	146	59	380	51
No	97	39	161	64	91	37	349	47
No answer	2	1	4	2	9	4	15	2
Total	248	100	250	100	246	100	744	100

If yes, how much do you suggest the affordable amount for waste fee?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
P 1.00	47	32	18	21	1	1	66	17
P 5.00	66	44	34	40	42	29	142	37
P 10.00	25	17	18	21	9	6	52	14
P 20.00	7	5	8	9	10	7	25	7
P 30.00	1	1	1	1	15	10	17	4
P 50.00	1	1	0	0	64	44	65	17
No answer	2	1	6	7	5	3	13	3
Total	149	100	85	100	146	100	380	100

4) If your association sells recycling waste to junk shop, how will you use obtained money mainly?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
For your own purpose	110	54	32	17	62	26	204	38
For swm in your community	70	34	32	17	162	68	264	49
For your municipality	3	1	7	4	11	5	21	4
For other people's benefit	42	21	37	19	22	9	101	19
Total	225	-	108	-	257	-	590	-
No answer	44	18	146	58	15	6	205	28

5) What can you do for community based recycling activities?

	Manila		Quezon		Muntinlupa		Grand total	
	total	%	total	%	total	%	total	%
Segregation of waste	105	46	67	32	132	59	304	46
Collection	72	32	124	60	28	13	224	34
Recycling	25	11	39	19	57	25	121	18
Involvement of community society leader	22	10	22	11	37	17	81	12
Others	3	1	4	2	15	7	22	3
Total	227	100	256	-	269	-	752	-
No answer	21	8	43	17	22	9	86	12

Other specify

?

Manila

Informing people about community based recycling activities.

2

Financial Contribution

1

Quezon

Informing people about community based recycling activities.

2

Teach the community

1

Donation

1

Muntinlupa

No idea, like to learn

5

Conduct seminar

2

Pick-up recycle waste

1

Financial assistance

1

No time to practice

1

Willing to support

1

Provide income

1

Not interested

1

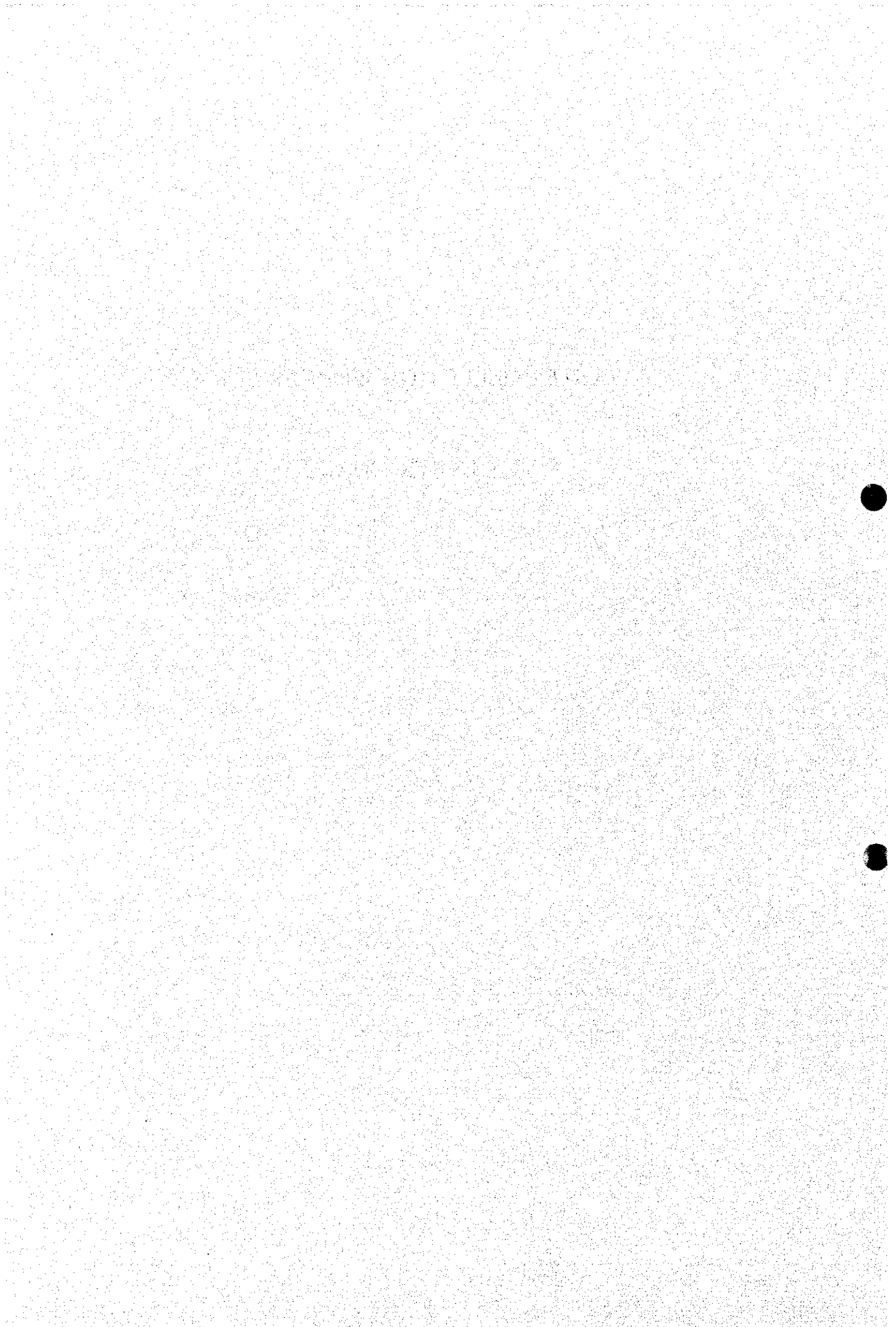
No answer

2

7. WASTE COLLECTION WORKER SURVEY

WASTE COLLECTION WORKER SURVEY

QUESTIONNAIRE



Republic of the Philippines
Office of the President
Metropolitan Manila Development Authority

MMDA-JICA Study on SWM for Metro Manila

Garbage Collectors (*basurero*) Survey

Interview schedule No. _____ Date _____ / 97 Time: _____

Interviewer _____ Interview location: _____

Objective of the Study

This survey is planned to bring the working condition of garbage collectors as part of the official discussion of the study for establishing a long term plan of solid waste management in Metro Manila. Therefore, the questionnaire is designed to know the actual working conditions of garbage collectors. It seems that garbage collectors are not given due recognition inspite of their great contribution to keep MM clean. We are also in a position to propose actions that may contribute to the improvement of the solid waste management system. The result will be evaluated to clarify problems to be reflected in the long term plan together with other technical and institutional improvements.

(Ang survey na isinasagawa sa kasalukuyang sistema ng pangongolekta ng basura ay upang mabigyan pansin ng maisama sa pangmatagalang pag-aaral ang dapat na pamamalakad/pamamaraan ng koleksiyon ng basura at maitaas na rin ang antas ng kalagayan ng mga basurero. Kung kaya't ang mga katanungang ito ay upang malaman/mabatid ang tunay na kalagayan ng ating mga basurero. Kami ay maari ring makapagbigay ng kaalaman upang mapabuti ang pamamahala sa basura sa kamaynilaan. Ang resulta ng survey ay upang mabigyan ito ng karampatang solusyon/kasagutan at ng maisama sa pangmatagalang pag-aaral na kasama ang mga ibang teknikal at institusyonal na pagbabago.)

1. Identification of worker
(Pagkilala sa Mangagawa)

1.1 Name (full name): _____

1.2 Place of birth / Age (years)
_____ / _____

1.3 City / municipality of residence
_____ / _____

1.4 Civil status:

Single ☐

Married ☐

Widower ☐

1.5 If married, number of children (Kung may asawa ilan ang anak?)

1.6 Years working as garbage collector (Taon na nagtatrabaho bilang kolektor) _____

1.7 What was your previous job?
(Dating trabaho) _____

1.8 Do you think that garbage collection is a nice job for you?
(Ang pangongolekta ba ng basura ay magandang gawain)

Yes ☐

No ☐

1.9 If not garbage collector, what other activity would you like to do?
(Kung hindi basurero, anong uri ng hanapbuhay ang nais mong pasukin?)

2.7 Worked with other employer as garbage collector (Nagtrabaho sa obang pinapasukan bilang basurero)

Yes ☐
No ☐

2. Employer (Pinapasukan)

2.1 Name of employer
(Pangalan ng pinapasukan)

2.2 Type of employer
(Uri ng pinapasukan)

Government ☐
Private hired by governm. ☐
Private hired by commun. ☐
Other ☐

2.3 Status of employment
(Katayuan bilang mangagawa)

Full time employee ☐
Part time employee ☐
Occasional employee ☐

2.4 If full time or part time employee, how many months have you worked for employer:
(Kung buo/paputol-putol ang oras nang manggagawa, ilang buwan kang namamasukan)

2.5 If occasional employee, months of work with employer
(Kung paminsan-minsan, ilang buwan kang namamasukan)

2.6 Belong to a labor union.
(Kasapi ba sa union)

Yes ☐
No ☐

3. Income (Kinikita)

3.1 Amount of salary (Choose applicable)
(Magkano ang kita)

Per month (Buwanan) _____
Per week (Linguhan) _____
Per day (Arawan) _____
Per truck load (Bawat Karga) _____
Other (Iba pa) _____

3.2 Do you also sell recyclables you have collected?

(Ipinagbibili mo rin ba ang mga balik-gamit na iyong kinolekta)

Yes ☐
No ☐

3.3 If yes, how many of you share in the proceeds of recyclables sold?
(Kung oo, ilang kayong naghahati sa pinagbibilhan ng balik-gamit)

3.4 If yes, approximately how much do you get?
(Kung oo, magkano ang napagbibilhan)

Per day _____
Per other frequency (explain) _____

3.5 Do you have any other source of income? Explain: (Mayroon ka bang ibang pinagkikitaan)

3.6 Do you receive any fringe benefits, such as?
(Tumatanggap ka ba ng ibang benepisyo, tulad ng?)

Food ☐
Transportation ☐
Other ☐

3.7 Are you satisfied with your present income? (*Masaya ka ba sa kasalukuyang kinikita*)

Yes ☐
No ☐

3.8 Are you the only source of your family income? (*Ikaw lang ba ang kumikita sa iyong pamilya*)

Yes ☐
No ☐

3.9 If no, who else earns in your family?
(*Kung hindi, sino pa ang kumikita sa inyong pamilya*)

Wife ☐
Children ☐
Other _____ ☐

3.10 Approximate total family income per month. (*Kabuuang kita ng pamilya sa loob ng isang buwan*) _____

4 Health conditions (Kalagayang pangkalusugan)

4.1 Do you suffer from any chronic disease? (*Karamdamang mula sa pabalik-balik na sakit*)

Yes ☐
No ☐

4.2 If yes, what disease? (*Kung oo, anong sakit*) _____

4.3 Does anyone in your family suffer from any chronic disease? (*Meron ba sa inyong pamilya ang may karamdaman pabalik-balik na sakit*)

Yes ☐
No ☐

4.4 If yes, what disease?
(*Kung oo, anong sakit*) _____

5 Working Conditions (Kalagayan sa Pinapasukan)

5.1 How many hours do you regularly work per day (*Ilang oras kang nagtrabaho sa loob ng isang araw*)

8 hours ☐
More than 8 hours ☐
Less than 8 hours ☐

5.2 Do you use any personal protection gear in your work, such as: (*Gumagamit ba ng kagamitang pang-proteksiyon sa pinapasukan*)

Boots ☐
Gloves ☐
Mask ☐
Uniform ☐
Reflective bands ☐
None ☐
Other _____ ☐

5.3 What type of accidents are common among collection workers? (*Anong uri ng aksidente ang pangkaraniwan sa mga basurero*) _____

5.4 Have you had any accident during your collection work in the last 12 months? (*Nagkaroon ka ba ng aksidente sa trabahong pangongolekta sa nakaraang labing dalawang buwan*)

Yes ☐
No ☐

5.5 If yes, how many? _____
(*Kung oo, ilan?*)
and what kind of accident?
(*at anong uri ng aksidente*) _____

5.6 Have you had any illness preventing you to work in the last 12 months? (*Sakit nanakasagabal sa pagpasok sa nakaraang 12 buwan*)

Yes ☐
No ☐

5.7 If yes, how many working days have you missed? (*Kung oo, ilang araw kang lumiban sa pagpasok*) _____

5.8 While on accident or illness leave, do you continue to receive your salary? (*Kung nakabakasyon dahil sa aksident o sakit, patuloy ka bang tumatanggap ng sahod.*)

Yes ☐
No ☐

5.9 If Yes, who pays your salary? (*Kung oo, sino ang nagpapasahod*) _____

5.10 Do you have any insurance or medical care and sick leave? (*Mayroon ba kayong "insurance" para sa "medicare" at "sick leave"*)

Yes for both ☐
Yes, but medical care only ☐
Yes, but sick leave only ☐
No ☐

6. Job Training

6.1 Have you been trained for your present job? (*Nagsanay ka ba sa kasalukuyang trabaho*)

Yes ☐
No ☐

6.2 If yes, who trained you? (*Kung oo, sino ang nagsanay sa iyo*)

LGU ☐
MMDA ☐
Employer ☐
Colleague ☐
Self Training ☐
School ☐
Other ☐

6.3 If yes, how were you trained? (*Paano ka sinanay*)

On the job training ☐
seminar ☐
text book ☐
others ☐

6.4 How do you rate your job performance? (*Anong antas ang iyong kaalaman sa trabaho*)

excellent ☐
good ☐
fair ☐
poor ☐

7 General (Pangkalahatan)

7.1 Vehicle used (*Ginagamit na track*)

10 wheeler open truck ☐
6 wheeler open truck ☐
Compactor truck ☐
Other ☐
specify _____ ☐

7.2 Do you think the garbage truck you work with is appropriate for the job? (*Ang track ng basura bang ginagamit ay angkop sa trabaho*)

Yes ☐
No ☐

7.3 If no, what can you recommend? (*Kung hindi, ano ang inyong rekomendasyon*) _____

7.4 How do you rate garbage collection activity in the city/municipality
(*Antas ng pangkasalakuyang pagkuha ng basura sa lungsod/bayan*)

Good ☐
Fair ☐
Not good ☐

7.5 Do you feel that public cooperation is important to ease garbage collection?
(*Ang pakikisa-isa ba ng mamayan ay makakagaan sa pangongolekta ng basura*)

Yes ☐
No ☐

7.6 If yes, how? (*Kung oo, papaano*)

Storing the garbage properly ☐
Presenting the garbage timely ☐
Producing less garbage ☐
Separate the garbage in recyclable / wet ☐
Others _____ ☐

7.7 What would you need/ask to ease your job? (*Kailangan/kahilingan upang gumaan ang gawain*)

Personal protective gear ☐
Public cooperation ☐
Better salary ☐
Job tenure ☐
Health care ☐
Adequate trucks ☐
Other _____ ☐

7.8 How can the overall garbage collection be improved? (*Papaano pagbubutihin ang kasalukuyang serbisyo ng pango-ngolekta*)

Better collection trucks ☐
More collection trucks ☐
More garbage collectors ☐
More public participation ☐
Better salaries ☐
Better dump sites ☐
Other _____ ☐

Checked by: _____

Date: _____, ____97

WASTE COLLECTION WORKER SURVEY

DATA TABLES

Garbage Collectors (Basurero) Survey

1 Identification of worker

1.2 Age:

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
20-29	7	7	17	31	53
30-39	5	7	10	22	37
40-49	3	0	2	5	8
50-	0	0	1	1	2
Total	15	14	30	59	100

1.4 Civil status:

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Single	5	3	6	14	24
Married	10	11	24	45	76
Widower	0	0	0	0	0
Total	15	14	30	59	100

1.5 If married number of children

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
1	1	2	7	10	21
2	4	4	6	14	30
3	1	2	4	7	15
4	1	1	5	7	15
5	1	0	0	1	2
6	0	0	1	3	6
None	2	2	1	5	11
Total	10	11	24	47	100

1.6 Years working as garbage collector

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
1-2	0	0	5	5	8
3-4	5	0	7	12	20
5-6	9	14	15	38	64
7-	1	0	2	3	5
No answer	0	0	1	1	2
Total	15	14	30	59	100

1.7 What was your previous job?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Barber		1	1	2	3
Carpenter			2	2	3
Cigarette Vendor	1			1	2
Construction Worker	1	1		2	3
Driller		1		1	2
Electrician	1			1	2
Factory Worker	2	1	1	4	7
Food Vendor			2	2	3
Heavy Equipment Operator	1			1	2
Helper	1	1	4	6	10
Jeepney Driver			1	1	2
Junk Collector	1		1	2	3
Laborer	2		5	7	12
Mason			1	1	2
Painter			1	1	2
Printer			1	1	2
Shine Boy			1	1	2
Store helper	1			1	2
Tailoring Shop Helper		1		1	2
Tricycle Driver	1			1	2
Truck Helper	1	1		2	3
Vegetable Vendor		1		1	2
Vendor		2		2	3
None	2	1	7	10	17
No Answer	1	3	2	5	8
Total	15	14	30	59	100

1.8 Do you think that garbage collection is a nice job for you?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	15	14	30	59	100
No	0	0	0	0	0
Total	15	14	30	59	100

2 Employment Conditions

2.1 Name of employer

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
MMDA	5	14	4	23	39
REN REN	7	0	25	32	54
GREEN LINE	3	0	1	4	7
Total	15	14	30	59	100

2.2 Type of employer

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Government	5	14	4	23	39
Private hired by governm.	10	0	26	36	61
Private hired by commun.	0	0	0	0	0
Total	15	14	30	59	100

2.3 Status of employment

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Full time employee	15	14	30	59	100
Part time employee	0	0	0	0	0
Occasional employee	0	0	0	0	0
Total	15	14	30	59	100

2.4 If full time or part time employee, how many years have you worked for employer

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
1-2 years	0	0	6	6	10
3-4 years	0	0	7	7	12
5-6 years	0	0	12	12	20
7- years	0	0	2	2	3
Other	0	1	1	2	3
No answer	15	13	2	30	51
Total	15	14	30	59	100

3 Income

3.1 Amount of salary

(Peso/month)

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
2,000 - 2999	5	1	25	31	53
3,000 - 3999	3	0	0	3	5
4,000 - 4999	3	0	0	3	5
5,000 - 5999	1	0	1	2	3
6,000 - 6999	0	0	1	1	2
8,000 -	0	0	1	1	2
Other(200P/day)	3	13	2	18	31
Total	15	14	30	59	100

3.2 Do you also sell recyclables you have collected

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	8	7	27	42	71
No	7	7	3	17	29
Total	15	14	30	59	100

3.3 If yes ,how many of you share in the proceeds of recyclables sold?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
3	0	1	2	3	7
4	1	2	22	25	60
5	7	3	3	13	31
No answer	0	1	0	1	2
Total	8	7	27	42	100

3.4 If yes,approximately how much do you get ?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
50 - 99	0	1	3	4	10
100 - 149	6	3	8	17	40
150 - 199	1	0	14	15	36
200 -	0	0	2	2	5
depends on the vol.	1	0	0	1	2
No answer	0	3	0	3	7
Total	8	7	27	42	100

3.5 Do you have any other source of income?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	2		1	3	5
No	12	12	27	51	86
No answer	1	2	2	5	8
Total	15	14	30	59	100

3.6 Do you receive any fringe benefits,such as?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Food	0	0	1	1	2
Transportaion	0	0	0	0	0
Others	4	11	1	16	27
None	8	3	26	37	63
No answer	3	0	2	5	8
Total	15	14	30	59	100

3.7 Are you satisfied with your present income?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	10	10	1	21	36
No	5	3	29	37	63
No answer	0	1	0	1	2
Total	15	14	30	59	100

3.8 Are you the only source of your family income?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	6	4	8	18	31
No	8	10	22	40	68
No answer	1	0	0	1	2
Total	15	14	30	59	100

3.9 If no, who else earns in your family?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Wife	4	7	20	31	78
Children	0	0	6	6	15
Husband	2	0	0	2	5
No answer	0	0	1	1	3
Others	2	3	2	7	18
Total	8	10	29	47	-

3.10. Approximate total family income per month.

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
2,000-3,999	4	0	6	10	17
4,000-5,999	2	0	16	18	31
6,000-7,999	3	0	3	6	10
8,000-9,999	3	4	1	8	14
10,000-	1	0	1	2	3
No answer	2	10	3	15	25
Total	15	14	30	59	100

4 Health conditions

4.1 Do you suffer from any chronic disease?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	1	1	2	4	7
No	14	13	27	54	92
No answer	0	0	1	1	2
Total	15	14	30	59	100

4.2 If yes, what disease?

	Grand Total	
	Total	%
Rheumatism (San Mateo)	1	25
Fever, Flu & Colds (Las Pinas, Payatas)	2	50
Asthma (Payatas)	1	25
Total	4	100

4.3 Does anyone in your family suffer from any chronic disease?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	0	5	3	8	14
No	13	8	26	47	80
No answer	2	1	1	4	7
Total	15	14	30	59	100

4.4 If yes, what disease?

	Grand Total	
	Total	%
Fever, Flu & Colds (Las Pinas, Payatas)	6	75
Asthma (Payatas)	1	13
No answer	1	13
Total	8	100

5 Working Conditions

5.1 How many hours do you regularly work per day?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
8 hours	5	5	26	36	61
More than 8 hours	10	9	4	23	39
Less than 8 hours	0	0	0	0	0
Total	15	14	30	59	100

5.2 Do you use any personal protection gear in your work?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Boots	0	6	3	9	15
Gloves	0	1	2	3	5
Mask	0	2	3	5	8
Uniform	9	13	30	52	88
Reflective bands	0	0	0	0	0
None	4	1	0	5	8
No answer	1	0	0	1	2
Other	1	0	0	1	2
Total	15	23	38	76	-

5.3 What type of accidents are common among collection workers?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Falls, slips and skids	6	6	3	15	25
Run over by truck	3	1		4	7
Wounded from sharp objects	3	3	3	9	15
Fractures	1		13	14	24
Others		1	8	9	15
No Answer	4	5		9	15
Total	17	16	27	60	-

5.4 Have you had any accident during your collection work in the last 12 months?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	3	1	16	20	34
No	12	13	14	39	66
Total	15	14	30	59	100

5.5 If yes, how many? and what kind of accident?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Falls, slips and skids	1		1	2	5
Wounded from sharp objects	11		5	16	41
Fractures			20	20	51
Others		1		1	3
No Answer				0	0
Total	12	1	26	39	100

5.6 Have you had any illness preventing you to work in the last 12 months?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	0	3	4	7	12
No	14	11	26	51	86
No answer	1	0	0	1	2
Total	15	14	30	59	100

5.7 If yes, how many working days have you missed?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
3 or 4 days	0	1	0	1	14
5 days	0	1	0	1	14
7 days	0	1	2	3	43
180 days	0	0	1	1	14
None	0	0	1	1	14
Total	0	3	4	7	100

5.8 While on accident or illness leave, do you continue to receive your salary?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	1	3	23	27	46
No	2	1	6	9	15
No answer	12	10	1	23	39
Total	15	14	30	59	100

5.9 If Yes, who pays your salary?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
MMDA	1	1	0	2	7
Employer	0	1	0	1	4
Company	0	0	19	19	70
No answer	0	1	4	5	19
Total	1	3	23	27	100

5.10 Do you have any insurance or medical care and sick leave?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes for both	5	13	25	43	73
Yes, but medical care only	0	0	2	2	3
Yes, but sick leave only	1	1	2	4	7
No	8	0	1	9	15
No answer	1	0	0	1	2
Total	15	14	30	59	100

6 Training

6.1 Have you been trained for your present job?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	9	14	20	43	73
No	6	0	10	16	27
Total	15	14	30	59	100

6.2 If yes, who trained you ?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
LGU	0	0	0	0	0
MMDA	5	13	11	29	67
Employer	4	0	2	6	14
Colleague	0	0	0	0	0
Self Training	0	1	7	8	19
School	0	0	0	0	0
Total	9	14	20	43	100

6.3 If yes, how were you trained?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
On the job training	8	14	20	42	93
Seminar	1	0	2	3	7
Text book	0	0	0	0	0
Total	9	14	22	45	-

6.4 How do you rate your job performance?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Excellent	1	3	1	5	8
Good	12	9	26	47	80
Fair	2	2	3	7	12
Poor	0	0	0	0	0
Total	15	14	30	59	100

7 Performance

7.1 Vehicle used

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
10 wheeler open truck	6	2	20	28	47
6 wheeler open truck	5	6	10	21	36
Compactor truck	8	13	6	27	46
Total	19	21	36	76	-

7.2 Do you think the garbage truck you work with is appropriate for the job?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	15	13	28	56	95
No	0	0	2	2	3
No answer	0	1	0	1	2
Total	15	14	30	59	100

7.3 If no, what can you recommend?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
None	0	0	2	2	100

7.4 How do you rate garbage collection activity in the city/municipality

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Good	10	9	4	23	39
Fair	5	3	24	32	54
Not good	0	1	2	3	5
No answer	0	1	0	1	2
Total	15	14	30	59	100

7.5 Do you feel that public cooperation is important to ease garbage collection

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Yes	15	14	30	59	100
No	0	0	0	0	0
Total	15	14	30	59	100

7.6 If yes, how?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Storing the garbage properly	2	10	24	36	61
Presenting the garbage timely	12	11	6	29	49
Producing less garbage	0	0	4	4	7
Separate the garbage in recyclable/wet	2	4	5	11	19
No answer	0	0	1	1	2
Total	16	25	40	81	-

7.7 What would you need/ask to ease your job ?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Personal protective gear	9	8	0	17	29
Public cooperation	10	14	29	53	90
Better salary	12	4	24	40	68
Job tenure	7	0	0	7	12
Health care	8	2	3	13	22
Adequate trucks	0	2	1	3	5
Total	46	30	57	133	-

7.8 How can the over all garbage collection be improved?

	San Mateo	Las Pinas	Payatas	Grand Total	
				Total	%
Better collection trucks	0	3	27	30	51
More collection trucks	1	4	24	29	49
More garbage collectors	1	0	7	8	14
More public participation	13	13	25	51	86
Better salaries	13	0	26	39	66
Better dump sites	1	3	26	30	51
Total	29	23	135	187	-

8. JUNK SHOP SURVEY

JUNK SHOP SURVEY

QUESTIONNAIRE

HANDLED RECYCLABLE WASTE BY JUNKSHOP

No. _____ Date _____

City / municipality _____

Name _____

Address _____

Telephone _____

Interviewer _____

Collected from Collector Waste picker Other Junkshop

Selling for Other Junkshop Factory Others

	Amount of Volume	Selling Price	Buying Price
Glass Bottles	bottles	P/bottle	P/bottle
Cullet	kg	P/kg	P/kg
News paper	kg	P/kg	P/kg
Carton	kg	P/kg	P/kg
Copied paper	kg	P/kg	P/kg
Plastic bag	kg	P/kg	P/kg
Other plastic	kg	P/kg	P/kg
Ferrous metal	kg	P/kg	P/kg
Aluminum	kg	P/kg	P/kg
Copper	kg	P/kg	P/kg
Lead	kg	P/kg	P/kg
Rubber	kg	P/kg	P/kg
	kg	P/kg	P/kg
	kg	P/kg	P/kg
	kg	P/kg	P/kg
	kg	P/kg	P/kg
	kg	P/kg	P/kg