

VALENCIA WORKSHOP



2015

Solid Waste Management Plan for Maryam Colony (UC-140)



BY:

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DEPUTY MANAGER

OPERATION

ÖZKARTALLAR CAMPAK JOINT VENTURE

**Solid Waste
Management Plan for
Maryam Colony (UC-
140)**

2015

By:

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5TH FLOOR, SHAHEEN COMPLEX, EGERTON ROAD, LAHORE

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1. Facts

SR.N	Description	
1	Phase	C
2	UC	140 –Maryam Colony
3	Area Manager / Shef OZPak	Muhammad Usman Tariq
4	UC-Coordinator	Umer
5	Zonal Officer LWMC	Osama
6	Population	63891
7	UC Area	787895 m ² (middle income)
8	Waste Generation (estimated)	41.53 kg/person/day

2. Operational Arrangements / Resources Deployed

2.1 1st Shift Arrangement – 6 AM to 2 PM

Manual Sweeping		
Sanitary Supervisors	1	
Sanitary Workers	42	
Wheelie Bins	10	
Hand Carts	12	
Containers Collection		
Containers Placed	53	
Containers Points	30	
Compactors	C-1083	1 trip, approx. 10 tons
Drivers	1	
Helpers	2	
D-T-D Collection		
Mini Dumpers – Suzuki Pickup	1	MD-64
Driver	1	
Helper	1	
Note: Compactor also collecting waste if waste bags found on road or in front of home or shop		

3 Introduction

Union Council – 140 (Maryam Colony) is located in Nishtar Town. Total area of the UC is 787895 m² with population of 63891. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 140 Maryam Colony



4 Solid Waste Generation

Estimated solid waste generation is 41.53 tons per day @ waste generation rate of 0.65 kg/person/day.

5 Major Roads

- Bagrian Road
- Madr-e-Millat Road
- Green Town Bazar

6 Solid Waste Management Practices

This area is under control of M/s. OZPak J.V for solid waste management. Existing arrangements for SWM based upon actual operations are as follows:

7 Street Sweeping and Waste Collection by Sanitary Workers

7.1 Sweeping Plan

- Workers will be deployed on Main roads and linked streets after Android attendance.
- Main Road and linked streets will be clear till 8:30 am.
- Beats will be assigned to workers which will be cleared till 10:00 am
- After 11:00 am workers will work in Groups to cover the unattended areas.

7.2 Beat List

UC 140 WORKER'S BEET LIST		
S.N	WORKER'S NAME	DESIGANTED AREA
1	PERVAIZ MASIH S/O SADIQ MASIH	2ND TIME COMPACTOR
2	MAQBOOL MASIH S/O SADHO MASIH	NO 112 STOP TO GHANDIRY CHOWK
3	HADAYAT MASIH S/O NAWAB MASIH	BHAGRIYAN CHOWK TO MIAN CHOWK
4	RAKHA MASIH S/O WASON MASIH	BHAGRIYAN CHOWK TO CHODHARY CHOWK
5	SALAMAT MASIH S/O RAHMAT MASIH	5 BLOCK SECTOR D-2
6	SALAMAT MASIH S/O SOBA MASIH	GHANDAIRY CHOWK TO KHAN CHOWK
7	LAMOIL MASIH S/O RAHMAT MASIH	MIAN CHOWK TO DOP STOP
8	ZAHIDA BIBI W/O ANWER MASIH	1 BLOCK SECTOR D-2
9	ANAYAT MASIH S/O SOBA MASIH	BHAHARI CHOWK TO NO 112 STOP
10	SAMEEL MASIH S/O NAZIR MASIH	AZMAT CHOK TO BAHARI CHOWK
11	RIAZ MASIH S/O SALAMAT MASIH	KHAN CHOWK TO CHUDHARY CHOWK NALAH ROAD
12	RAFIQUE MASIH S/O HAKAM MASIH	BHAHARI CHOWK TO KHASA STORE MAIN ROAD
13	RAZIA BIBI W/O YOUNAS	3 BLOCK MUSHTAQ BHATTI PARK
14	SHEELA BIBI W/O WALAYAT	FARID TOWN
15	MUNIR S/O NAZIR MASIH	3 BLOCK ASHFAQ BARADARS MAIN ROAD
16	SARWER MASIH S/O SHAHAB MASIH	3 BLOCK MAIN ROAD SOCIAL DISPANCER
17	ASIF MASIH S/O SADIQ MASIH	BHAGRIYAN CHOWK TO MIAN CHOWK
18	RIAZ MASIH S/O SHAHO MASIH	BAILDAR
19	MARTHA BIBI W/O RAKHA MASIH	2 BLOCK SECTOR D-2
20	MANSHA MASIH S/O SADIQ MASIH	1 BLOCK SECTOR D-2
21	SHAZIA BIBI W/O RIAZ MASIH	NAGIRAH TOWN
22	ARSHAD MASIH S/O ANAYAT MASIH	HASSAN BARI ROAD
23	RANI BIBI S/O ANAYAT MASIH	1 BLOCK SECTOR D-2
24	SHAHBAZ MASIH S/O SALAMAT MASIH	2ND TIME COMPACTOR
25	NARGIS BIBI W/O SALAMAT MASIH	5 BLOCK SECTOR D-2
26	RAHMAT BIBI W/O MAQBOOL	3 BLOCK BILO PARK
27	NASREEN BIBI W/O SALAMAT MASIH	NIL BLOCK
28	ZAREENA W/O RAFIQ	AWAMI GENERAL STORE TO BIHARI CHOWK MAIN ROAD
29	FARZANA W/O TARIQ	1 BLOCK MAIN ROAD
30	SALEEM SAMUEL S/O ARIF	MILAD CHOWK TO NAWAZ MOR TO QIQ COLONY

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31	IRFAN S/O AZEEM	NO 112 STOP
32	SAMARA W/O FAROOQ	DOGER STOP 1 BLOCK
33	ASAN S/O JAVAID	COMPACTOR
34	FAISAL S/O LABHA	MIAN CHOWK TO DOP STOP
35	NADEEM S/O BASHIR	2 BLOCK SECTOR D-2 GOVT. HIGH SCHOOL
36	ADIL S/O MAQBOOL	MD 64
37	BUSHRA W/O TARIQ	3 BLOCK FOJI KOTAH
38	ROSHNI D/O PERVAIZ	GHANDAIRY CHOWK TO DOP STOP
39	SARFARAZ SADDIQ	MIAN CHOWK TO MILAD CHOWK
40	SABA JAMAL	BHAGRIYAN CHOWK TO TAJ CHOWK
41	NASREEN BIBI W/O SALAMAT MASIH	2 BLOCK SECTOR D-2
42	NEEL SALAMAT	HAMEEDA MASJID WAL ABADI BHATHA #1

8 Solid Waste Storage

8.1 Waste Storage Facility

- Currently 53 waste storage containers are placed at 30 different points.
- Storage capacity is 10 tons in one time lifting
- Lifting is operational in 2 time.

8.2 Points of Containers

Sr. No.	Location	Number
1	Azmat Chowk Bagrian Road	1
2	Bagrian Road Near Kabaria	2
3	Choudhry Chowk Near Ganda Nalla	2
4	Awami General Store Ganda Nalla	2
5	Khan Chowk Ganda Nalla	1
6	Puran Tuarb Yar	2
7	Gandery Chowk Main Bazar	1
8	Main Road Bazar Near Mansha Store	1
9	Lari Adda 112 Wala Stop	7
10	Block No. 3 Ashfaq Brothers	1
11	Fauji Kota Major Wala Stop	1
12	Main Bazar Pathay Wala Toka	1
13	Iqbal High School Block No.3	1
14	Block No. 3 Mushtaq Bhatti Park	1
15	Blcok 2 Mai Wala Toppa	1
16	Girls High School Machi Wala Bazar	2
17	Bagrian Road Gas Wali Factory	1
18	Bagrian Road Near Dry Fruit Shop	1
19	Bagrian Chowk Madr e Millat Road	1
20	Block No.1 D2, Bilal Masjid	9
21	Mian Chowk Madr e Millat	1
22	Deputy Chowk Madr e Millat	1

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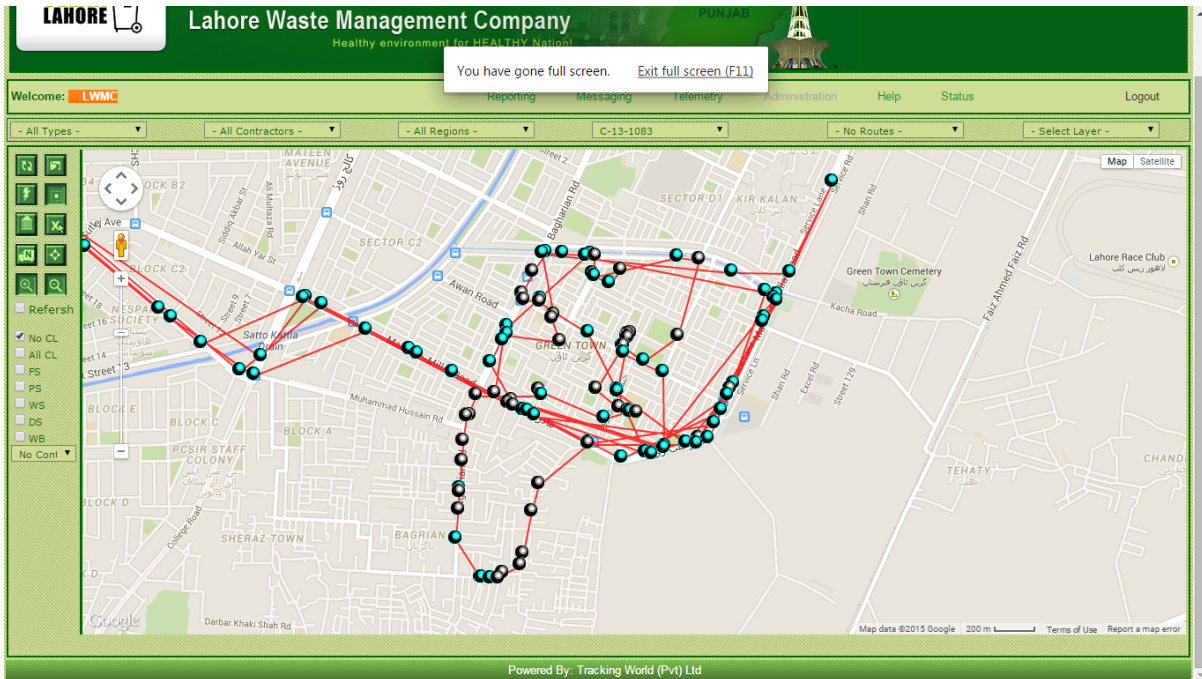
23	Tokrian Wali GaliMadr e Millat Road	1
24	Main Markete Near Awam Markete	1
25	Dogar Phattian Wala Block No.1	3
26	Block No.5 Govt. High School	3
27	Fauji Area Madar e Millat	1
28	Bhatta Road Faizan Steal Works	1
29	Mariam Colony Near Rana House	1
30	Sirkian Wala Plot Near Bagrian Chowk	1
Total		53

9 Existing Points of Containers

MAPS

10 Solid Waste Collection & Transportation

10.1 Route for Compactor



10.2 Staff Deployment for Compactor Vehicle

Shift Supervisor = ()				Shift Supervisor = ()		
1st shift				2nd shift		
UC	Vehicle No.	Driver Name & Mobile	Name of Helpers	Vehicle No.	Driver Name & Mobile	Name of Helpers
140	1083	Shabir Munir (0321-8712081)	Sardar Piara	1083	M Fahad (0323-5557416)	Yousaf Shareef
			Salamat Gulzar			Chamma Tharma

11 Door To Door Waste Collection

11.1 System for D-T-D Waste Collection

- 1 Pickup for door to door waste collection
- Waste collected by pickup will be unloaded into nearby Compactor or transfer station.
- Compactors are also collecting waste if found in waste bags on road or in front of home or shop

Block	Major Areas/ Mohalla's	Timings
Block 1	Mochi Wali Dheri TO Chudry Chowk, 2 Block Sector D2, 1 Block Sector D2	6:00 am to 8:00 am
Block 2	3 Block Sector D2, Mian Chowk Bhata Mor TO Millad Chowk, 5 Block Sector D2 Green Town	8:00 am to 10:00 am
Block 3	Mian Chowk TO Millad Chowk, Bhatti Colony, 3 Block Sector D2	10:00 am to 11:00 am
Block 4	Hameeda Masjid Abaadi, Haafiza Chowk TO Army Dera Buhatta Road, Tur Neelam	11:00 am to 12:30 pm
Block 5	Omer Colony, Rahmet Park, Rana Town, Haafiza	12:30 pm to

	Chowk TO Nawaz Mor, 1 Block Sector D2	2:00 pm
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12 Door to Door Route

13 Problematic Points

- 112 no Stop
- Azmat Chowk
- Behari Chowk
- Dogar Point
- Itwar Bazar
- Bilal Masjid
- Bagrian Chowk
- Nala Road

14 Issues

- Animal Waste
- Open Plots
- Poor Infrastructure in rural portion
- Green Waste
- Donkey Carts
- WASA problems
- Illiteracy
- Open Heaps

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