

SOLID WASTE MANAGEMENT PLAN FOR BOSTAN COLONY (UC-134)

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This operational document contain the brief summary about the characteristics of the area, mechanism regarding the deployment of manual and mechanical resources .This document can be considered as brief operational guide for UC-134

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1. Facts

UC		134	
NAME OF THE AREA		Boostan colony	
CATEGORY		Urban	
POPULATION		58812	
HOUSEHOLDS		11762	
GENERATION		32.3466	
MAJOR ROADS		Main feroz pur road Qaianchi main road Railway line road	
MARKETS		Abid market Qainchi main bazar Tallan wala bazar	
MOSQUES		Shameem masjid Jaamia masjid Ghousia Jaamia masjid madina	
EDUCATIONAL INSTITUTES		Qazi pilot high school City District government school Government Elementary high girls school	
Deputy Manager Operation		Abdur Rehman (0322-2895540)	
AM LWMC		Zahid Mushtaq (0315-8666087)	
ZO		Mian Irshad (0313-4281609)	
UC Coordinator		Naeem Shahzad (0304-4865148)	
SANITARY WORKERS	MALE	REGULAR	18
		WC	0
		S & C	0
		Z & C	13
		TOTAL	31
	FEMALE	REGULAR	4
		WC	0
		S & C	0
		Z & C	7
		TOTAL	11
GRAND TOTAL		42	
STATIONARY RESOURCES	NUMBER OF CONTAINERS	42	
	STORAGE CAPACITY (1 TIME)	12.6	

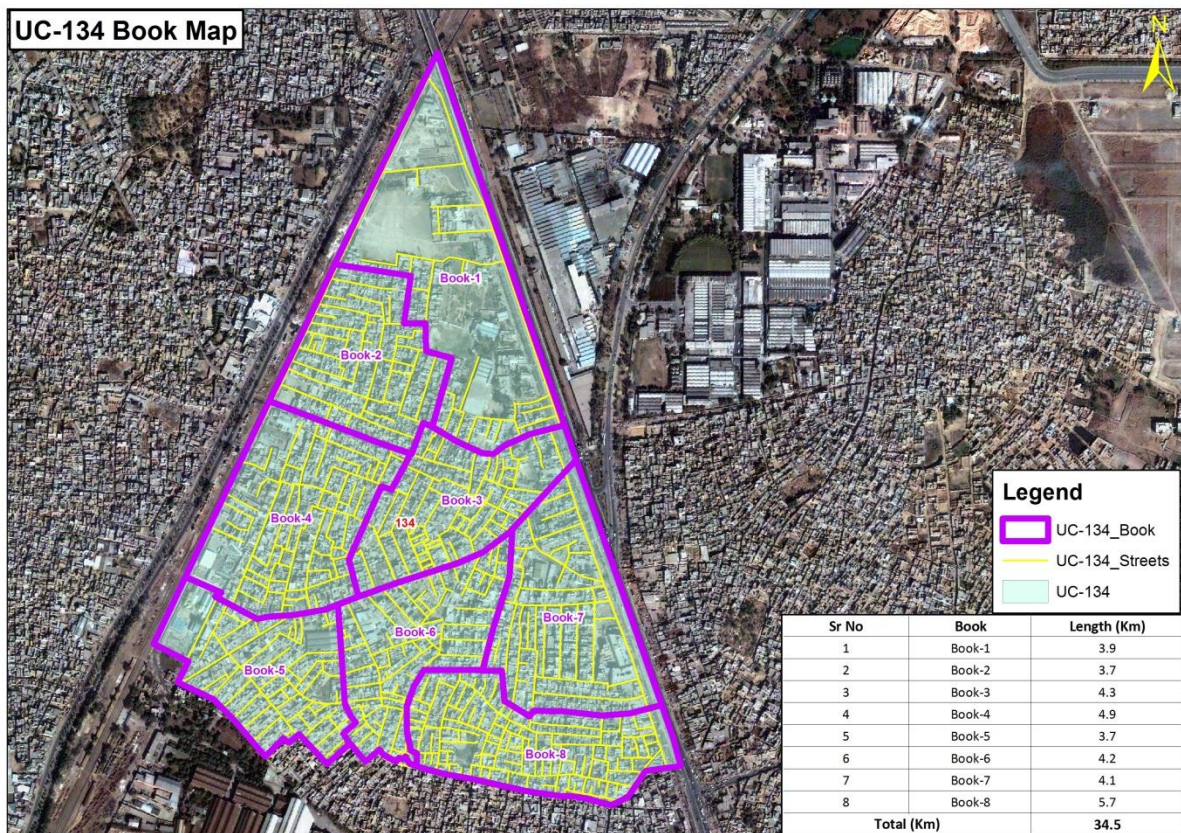
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	LIFTING)		
	HAND CARTS		23
	WHEELY BINS		5
MECHANICAL RESOURCES	COMPACTOR (7 m3)	1st SHIFT	1121
		TRIPS	2
		TRIPS	0
		2nd SHIFT	0
	COMPACTOR (13 m3)	1st SHIFT	1026
		TRIPS	1
		TRIPS	0
		2nd SHIFT	0
	MINI DUMPER	1st SHIFT	69
		2nd SHIFT	0

2 Introduction

Union Council – 134 (Bostan Colony) is located in Nishtar Town. Total area of the UC is 826093 m² with population of 58812¹. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 134 Bostan Colony



¹ Punjab Development Statistics – 2011, Bureau of Statistics, Govt. of the Punjab

3 Solid Waste Generation

Estimated solid waste generation is 38.23 tons per day @ waste generation rate of 0.65 kg/person/day.

4 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:

5 Street Sweeping and Waste Collection by Sanitary Workers

5.1 Beat System

Workers are assigned specific areas for sweeping in the streets. The beat list is prepared for that purpose which imparts better sweeping of the area.

Sr.No	Computer No	Name	Beat
1	13191	HIDAYAT MASIH S/O SHAFI MASIH	BOSTAN COLONY
2	13194	PERVEEN D/O NAWAB	BOSTAN COLONY
3	13200	PITRAS MASIH S/O HASSAN MASIH	BOSTAN COLONY
4	13205	ZAFAR MASIH S/O SADIQ MASIH	QAINCHI BAZAR
5	13208	ISHAQ MASIH S/O SHERA MASIH	BOSTAN COLONY
6	13211	NIAMAT MASIH S/O GULZAR MASIH	BAILDAL
7	13212	PERVEEN W/O KHUSHI MASIH	BOSTAN COLONY
8	13213	YOUNAS MASIH S/O PALA MASIH	GREEN COLONY
9	13215	SADIQ MASIH S/O KARTARA MASIH	JAHANGEER PARK
10	13217	HAMEEDAN BIBI W/O ANAYAT MASIH	FOJI MUHALLA
11	13218	GHOS MASIH S/O CHIRAG MASIH	QAINCHI BAZAR
12	13220	KALA MASIH S/O KEELA MASIH	QAINCHI BAZAR PSO DEPU
13	13196	SAFDAR MASIH S/O DILAWER MASIH	AWAMI COLONY
14	13189	MAJIDEN BIBI W/O DOLRO MASIH	QAINCHI BAZAR
15	13187	NAZIR S/O PYARA	ANSARI ROAD + ITTEHAD COLONY
16	13095	ARIF S/O NAWAB	AWAMI COLONY
17	13197	HAMEED S/O ALLAH DITTA	BOSTAN COLONY
18	25879	PERVAIZ S/O KALA	SHERI PUNJAB
19	8148	YAQOOB BARKAT	ITTEFAQ COLONY
20	8946	NAWAB S/O KELA	ABID MARKET
21	571	Patras Masih S/O TELLA	ABID MARKET KOHE NOOR SCHEME

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22	573	Tahir Iqbal	RAILWAY LINE
23	575	Sadiques/O SADIQUE	DATA COLONY
24	576	Naziran BIBI W/O ARSHAD	SHERAN WALI COLONY CHAMRA FACTORY
25	579	ASIF S/O PATRAS	FEROZPUR ROAD
26	567	RAHEL BIBI W/O NAZIR	SHERAN WALI COLONY
27	565	KALA S/O KELLA	MUHALLA FAISAL ABAD
28	578	SHEEMAN BIBI W/O PITRAS MASIH	BOSTAN COLONY + BURJ COLONY
29	574	SHAHZAD S/O ANAYAT	FOJI MUHALLA +AWAMI COLONY GALI #5
30	568	MUNIR S/O NAZIR	RAILWAY LINE
31	572	PERVEEN GHOUS	FAISAL BAZAR+BANO BAZAR
32	583	khushi roldo	RAILWAY LINE
33	570	NAZEER BAAGH	MD
34	580	MUKHTARAA W/O BOOTA	KOHE NOOR SCHEME +ABID MARKET
35	566	SARDAR S/O AZIZ	AWAMI COLONY
36	582	SUGHRAN W/O REHMAT	SHABNAM COLONY
37	584	NASREEN W/O ALLAH RAKHA	ITTEHAD COLONY
38	577	SHAUKAT S/O AHMAD	JAHANGIR PARK
39	581	Boota S/O Sundar	KABARIYA MARKET + KOHE NOOR SCHEME
40	569	WAQAS S/O CHANAN	FEROZPUR ROAD

5.2 Team Division

Teams are divided according to equivalent sweeping length of the area which is as follows:

Block	Major Areas/ Mohalla's
Block 1	Shabnam Colony, Datta Colony, Mohalla Faisalabad
Block 2	Itehad Colony Phase 1, Itefaq Colony, Service Road Ferozpur Road
Block 3	Railway Line Service Road, Sherwani Colony, Madina Town
Block 4	Jahnzaib Park, Green Colony, Foji Mohalla

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- 10 sanitary workers deployed in each Team and each sanitary worker has his own defined beat.
- Solid waste is collected by sanitary workers from streets & households and hauled to container by wheelie bins / hand carts.
- Waste bags also used for roads sweeping

6 Solid Waste Storage

6.1 Waste Storage Facility

- Currently 45 waste storage containers are placed at 32 different points.
- Storage capacity is 11.25 tons in one time lifting
- Lifting is operational in 3 times

6.2 Points of Containers

Sr. No.	Location	Number
1	ittehad Colony Gali No.3	1
2	Ansari Road Ittehad Colony	1
3	Sherwani Colony Near Chamra Factory	3
4	Qanchi Bazar Near Madrisah	1
5	Qanchi Bazar Milad Street	1
6	Abid Markete Near Sidra Beauty Saloon	1
7	Near Shami Masjid Koh Noor Scheme	1
8	Kabaria Markete	1
9	Jahangir Park Tali Wali Gali	1
10	Jahangir Park Near Masjid Bait ul Madina	1
11	Gali No. 4 Awami Colony	2
12	Gali No.3 Near Jahangir Park	1
13	Jahangir Park Chowk	1
14	Jahangir Park Chowk	1
15	Main Ferozepur Road Ghazi Road Point	1
16	Main Ferozepur Road Abid Markete	2
17	Main Ferozepur Road Janazgah Point	1
18	Main Ferozepur Road Qanchi Stop	1
19	Main Ferozepur Road Bakra Pont	1
20	Main Ferozepur Road CNG Point	1

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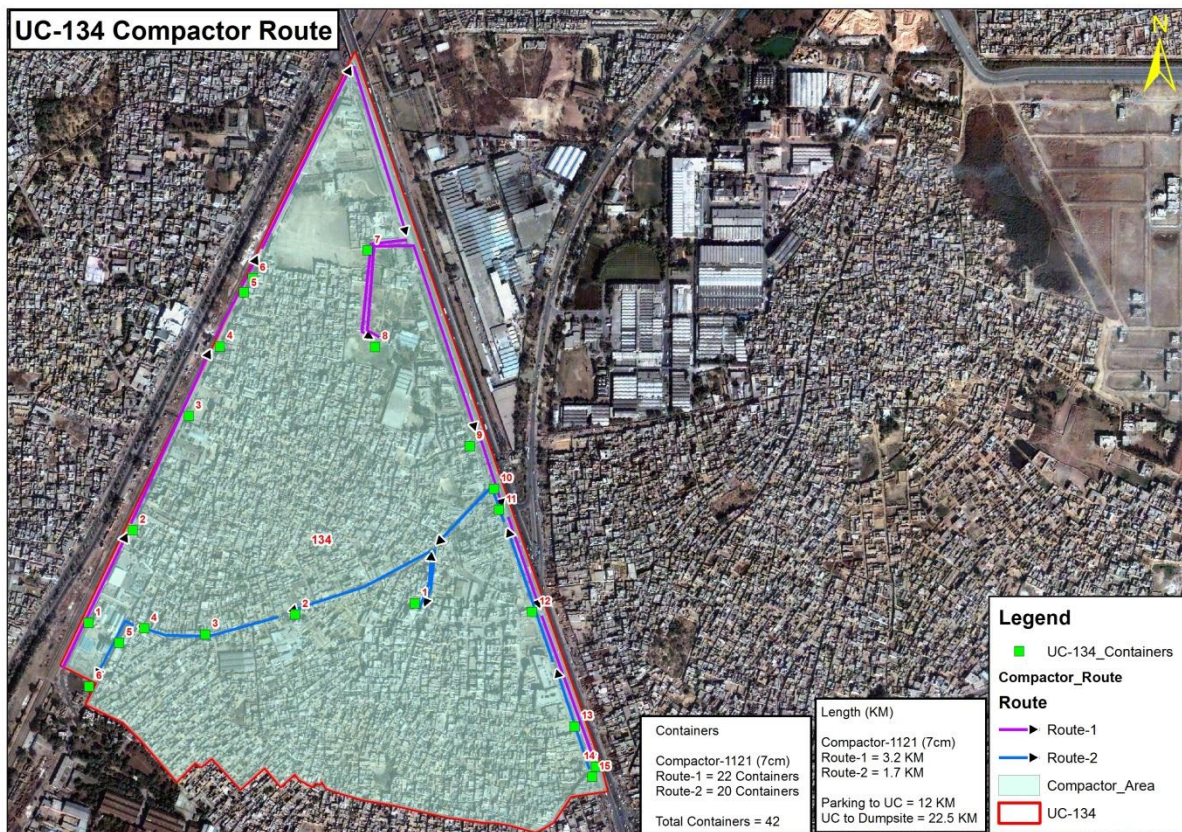
21	Main Ferozepur Road Sufi Aata Mill	1
22	Bostan Colony Gali No.9	1
23	Bostan Colony Gali No.6	1
24	Bostan Colony Sheerien Punjab	2
25	Faisal Bazar Chowk Main Qanchi	1
26	Qanchi Bazar Zahoor -ul -ah Chishti Madrisah	1
27	Ittehad Colony Near PSO Depot	1
28	Railway Line Near PSO Depot	1
29	Railway Line Kashay Foundation	1
30	Railway Line Near Choti Phatki	1
31	Railway Line Near WASA Disposal	2
32	Kot Lakhpat Railway Station	8
Total		45

Figure 2: Location of Containers

7 Solid Waste Collection & Transportation

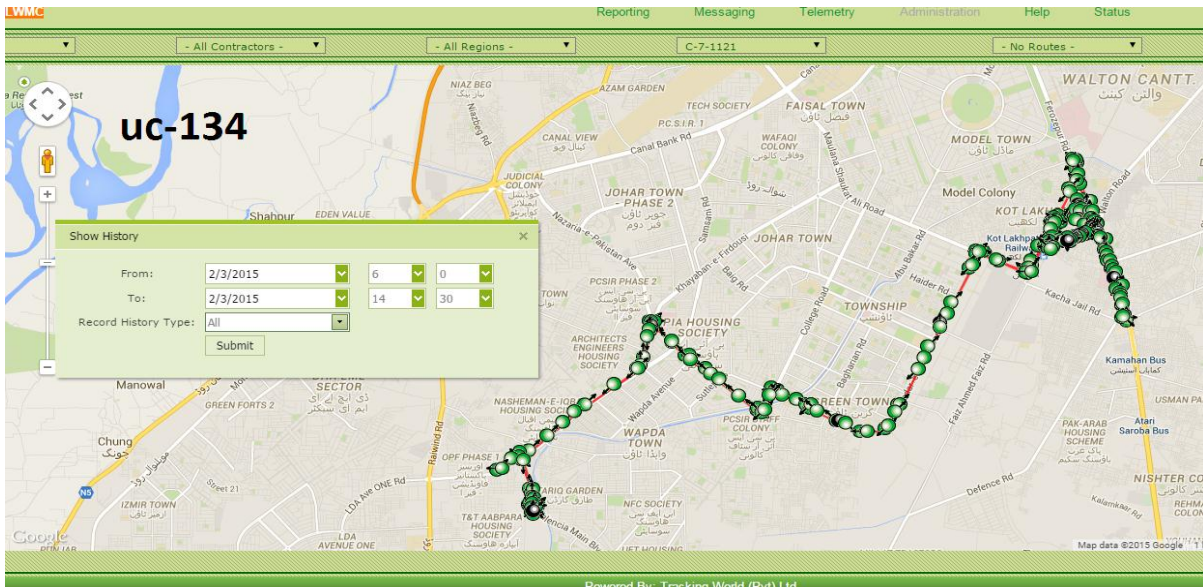
7.1 Route for Compactor

Figure 5 Route for Compactor Vehicle



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Figure 6: Route for Compactor Vehicle



7.2 Staff Deployment for Compactor Vehicle

Shift Supervisor = Rizwan (0324-4094234)					Shift Supervisor = Hashtam (0314-4055483)				
1st shift					2nd shift				
UC	Vehicle No.	Driver Name & Mobile	Name of Helpers	Rest Day	UC	Vehicle No.	Driver Name & Mobile	Name of Helpers	Rest Day
134	1121	Ali Abbas (0322-4843927)	Pervaiz Mukhtar	Tuesday	142	1121	M.Ramzan	UC worker's	Thursday
			Pervaiz Labha		145				
135 Ring	1026	Jahangir (0315-4249958)	Kashif Asif	sunday		1082	Ijaz Masih (0311-4509428)	Amjad Anayat	
			Asif lasha					Javaid Labha	
135	1114	Irfan Anwar (0300-8169277)	Munawar Faqir	Thursday	135	1124	M.Amir	Shahzad Nazir	Sunday
		M. Arshad (0322-4341136)	Arshad Channa					Amjad Anayat	
137	1124	M. Arshad (0322-4341136)	Sabir Hera	Sunday	137				
		M. Javaid (0302-4255228)	Sabir Anayat						
141	1082	M. Javaid (0302-4255228)	Rasheed Yousif	sunday					
142	1014	Safdar	Pervaiz	Saturday					

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		Masih	Basheer					
145			Arshad Barkat	146	1114	Sabir Boota (0321-6734992)	UC worker's	Wednesday
146				146 ring	1126	M.Fasial	Dilawar Shafi Fazal Bashir	Saturday
Extra Drivers & Helpers			Tanveer Nazir Nazir Anayat			Extra Drivers & Worker's		Friday

8 Door To Door Waste Collection

8.1 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
- Workers are also deployed to collect waste from houses after 11 am as the area is congested and access of mini-dumper is limited to certain area.

1 st Shift		
UC	MD	Driver Name & Mobile No.
134	MD-69	Rafiq Masih (0321-4525029)
135	MD-54	M. Arshad (0333-4305785)
137	MD-70	M. Usman (0321-4681771)
141	MD-19	Mahboob Alam (0321-4280400)
145	MD-15	Boota (0300-4669296)

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Figure 7: Route for mini-dumper

