

SOLID WASTE MANAGEMENT PLAN FOR GUJUMATTA (UC- 145)

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-145

*Prepared By:
Engr. Abdul
Rehman*

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1. Facts

UC		145	
NAME OF THE AREA		Gajju Matta	
CATEGORY		Rural	
POPULATION		56568	
HOUSEHOLDS		11314	
GENERATION		31.1124	
MAJOR ROADS		Kach Road Main Ferozpur Road	
MARKETS		Jumma Khan Market Chuhan Market	
MOSQUES		Ibrahim Mosque Babri Mosque	
IMAM BARGAH		Peer Riaz Shah Sarkar	
EDUCATIONAL INSTITUTES		Joseph School Allied School Qadri School	
IMPORTANT OFFICES		Telephon Exchange Shalimar Town	
Deputy Manager Operation		Abdur Rehman (0322-2895540)	
AM LWMC		Zahid Mushtaq (0315-8666087)	
ZO		Mian Irshad (0313-4281609)	
UC Coordinator		Waqar Labha (0323-8798210)	
SANITARY WORKERS	MALE	REGULAR	16
		WC	2
		S & C	7
		Z & C	9
		TOTAL	34
	FEMALE	REGULAR	1
		WC	0
		S & C	3
		Z & C	6
		TOTAL	10
GRAND TOTAL		44	
STATIONARY RESOURCES	NUMBER OF CONTAINERS	43	
	STORAGE CAPACITY (1 TIME LIFTING)	12.9	
	HAND CARTS	8	

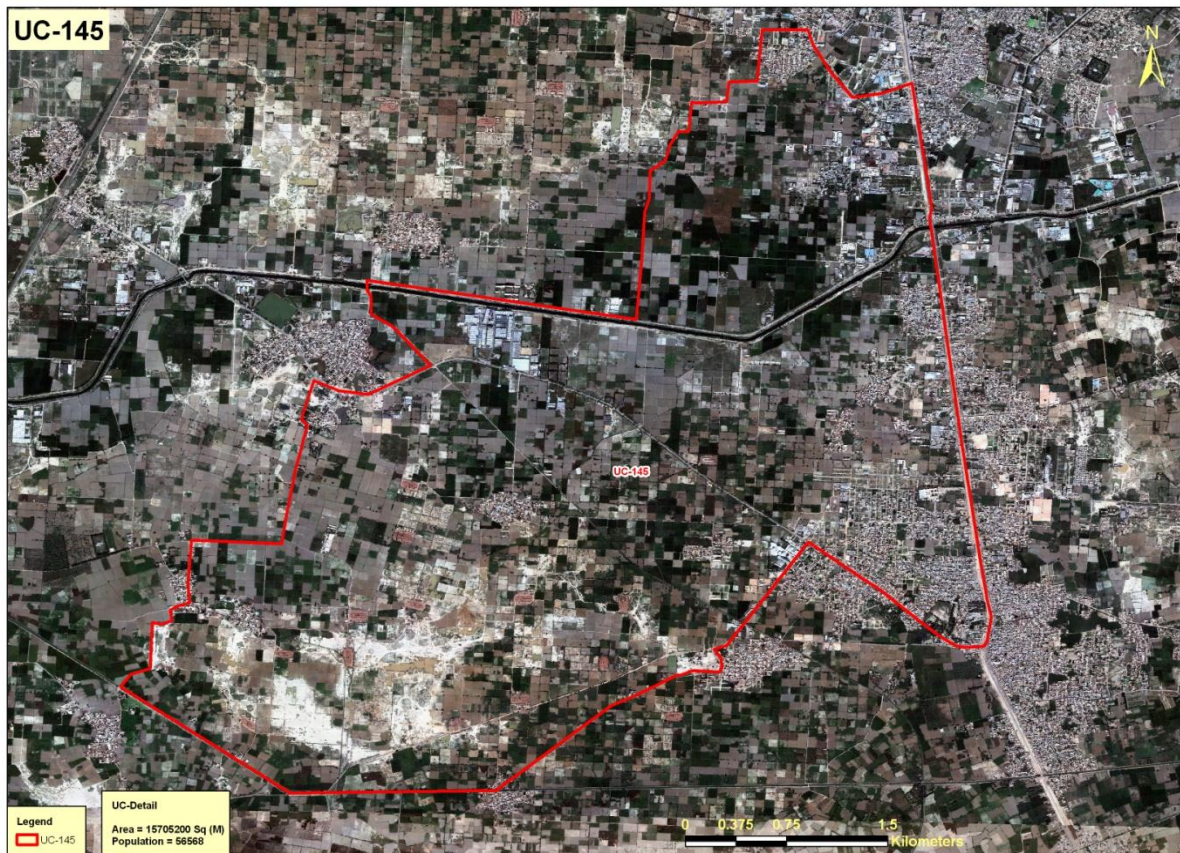
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	WHEELY BINS	3	
MECHANICAL RESOURCES	COMPACTOR (7 m3)	1st SHIFT	0
		TRIPS	0
		TRIPS	1
		2nd SHIFT	1121
	COMPACTOR (13 m3)	1st SHIFT	1024
		TRIPS	1
		TRIPS	0
		2nd SHIFT	0
	MINI DUMPER	1st SHIFT	15
		2nd SHIFT	0

2. Introduction

Union Council – 145 (Gujumatta) is located in Nishtar Town. Total area of the UC is 15705200 m² with population of 56562¹. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 145 Gujumatta



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

3. Solid Waste Generation

Estimated solid waste generation is 36.76 metric 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. Block Cleanliness Schedule:

UC 145 consists of Gujumatta and some slums including chaitu wali hawaili, waraich village, toor village, seadhar village, hawali shehzad wali, gulzr town, hawali shehzad abad, the areas of the blocks having main roads, commercial markets, public buildings (schools, colleges, mosques) are being swept on daily basis (details given in beat list), and By keeping in mind the characteristics of the remaining block area (blocks didn't need sweeping on daily basis), a weekly plan of cleanliness of blocks has been devised and being summarized in the following table.

S.N	UN-ATTENDED AREA	NATURE OF PROBLEM	DAY OF CLEANLINESS ACTIVITY
1	chaitu wali hawaili	animmal waste	Monday
2	waraich village	animmal waste	Tuesday
3	toor village	animmal waste	Wednesday
4	seadhar village	animmal waste	Thursday
5	hawali shehzad wali	animmal waste	Friday
6	gulzr town	kachi abadi	Saturday
7	hawali shehzad abad	animmal waste	Friday

- All UC workers after cleaning there designated beats at 11am will be deployed in blocks as per above mentioned schedule.
- Solid waste is collected by sanitary workers from streets & households and hauled to container by wheelie bins/ hand carts.

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- Waste bags also used for roads sweeping

5.1.1. Beat list:

S.N	WORKER'S NAME	DESIGNATED AREA
1	LABHA S/O MERAJ	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
2	YAQOOB S/O RONAK	MAIN ROAD FRUIT MANDI LUCKY HOTEL ABADI
3	JAVED S/O CHANNAN	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
4	QADIR MASIH S/O KALA MASIH	GHAJOMATA VILLAGE, GHAJOMATA HAWALIYAN, SUNDER ABAD, ZAHOOR TOWN
5	SHAN S/O YAQOOB	COMPACTOR GARI MAIN FEROZ PUR ROAD
6	GEORGE S/O HAMEED	GHAJOMATA SAWA ABADI , PETROL PUMP MAIN ROAD
7	Munawar S/o Manna	BHUTTO PLOT ABADI, DHOP SARI
8	LIAQAYAT S/O BARKAT	BHUTTO PLOT ABADI, DHOP SARI
9	REHMAT S/O SAGHO	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
10	RIYASAT S/O BARKAT	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
11	SAFDAR S/O LAGA	BHUTTO PLOT ABADI, DHOP SARI
12	NAZEER S/O BASHIR	COMPACTOR GARI MAIN FEROZ PUR ROAD
13	RASHEED S/O BARKAT	FAAISAL TOWN, MAKHAN COLONY, SALEEM TOWN, SERMEER VILLAGE
14	YOUNAS S/O MUKTHAR	MAIN ROAD FRUIT MANDI LUCKY HOTEL ABADI
15	M. SERWER	COMPACTOR GARI MAIN FEROZ PUR ROAD
16	ALAM S/O SAJJAN	GHAJOMATA VILLAGE, GHAJOMATA HAWALIYAN, SUNDER ABAD, ZAHOOR TOWN
17	BOOTA S/O ANDER	FAAISAL TOWN, MAKHAN COLONY, SALEEM TOWN, SERMEER VILLAGE
18	ASIF S/O YOUNAS	GULZAR TOWN , FG TOWN, ASIF TOWN
19	UMAIR S/O LABHA	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
20	SAIMA AMANIOL	GULZAR TOWN , FG TOWN, ASIF TOWN
21	VICKRAM S/O AMANAT	GHAJOMATA SAWA ABADI , PETROL PUMP MAIN ROAD
22	HANEEF LAL	FAAISAL TOWN, MAKHAN COLONY, SALEEM TOWN, SERMEER VILLAGE
23	ARSHAD S/O ZAFAR	COMPACTOR GARI MAIN FEROZ PUR ROAD
24	NUSRAT PARVEZ	GHAJOMATA VILLAGE, GHAJOMATA HAWALIYAN, SUNDER ABAD, ZAHOOR TOWN
25	SALAMAT S/O KHAZANA	GHAJOMATA SAWA ABADI , PETROL PUMP MAIN ROAD

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26	UMER S/O MANZOOR MASIH	COMPACTOR GARI MAIN FEROZ PUR ROAD
27	REHMAT S/O KHZANA	GHAJOMATA SAWA ABADI , PETROL PUMP MAIN ROAD
28	MARTHA SAEED	NAWAB MASHKOR TOWN, HANJU VILLAGE, WARICH, TOR VILLAGE
29	ASLAM SADIQ	GHAJOMATA VILLAGE, GHAJOMATA HAWALIYAN, SUNDER ABAD, ZAHOR TOWN
30	ISHAQUE AMANAT	FAAISAL TOWN, MAKHAN COLONY, SALEEM TOWN, SERMEER VILLAGE
31	AMANVOIL NAZEER	GULZAR TOWN , FG TOWN, ASIF TOWN
32	MEENZOOR SADIQ	GULZAR TOWN , FG TOWN, ASIF TOWN
33	SHAMIM BIBI	MAIN ROAD FRUIT MANDI LUCKY HOTEL ABADI
34	RAZIA NAZEER	BHUTTO PLOT ABADI, DHOP SARI
35	ASLAM HANEEF	GULZAR TOWN , FG TOWN, ASIF TOWN
36	ADNAN RIAZ	MAIN ROAD FRUIT MANDI LUCKY HOTEL ABADI
37	SHAHBAZ	FAAISAL TOWN, MAKHAN COLONY, SALEEM TOWN, SERMEER VILLAGE

6. Solid Waste Storage

6.1. Waste Storage Facility

- Currently 37 waste storage containers are placed at 33 different points.
- Storage capacity is 14.8 tons in one time lifting
- Lifting is operational in 2 time.

6.2. Existing Points of Containers

Sr. No.	Location	Numbers	Distance to nearest container
1	Asif Town # 2, Near Joseph School	2	13m
2	Asif Town # 2, Near Towel Factory	2	7m
3	Lakki Hotel	1	300m
4	Gajumatta Soling	1	200m
5	Ghulam Hussain Colony, Shah Manny Wali Gali	1	1400m
6	Iqbalgujjar Co-Ordinator House	1	200m

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7	Saleem Town Near Shalimar Town	1	
8	Ferdosia Kabrastan	1	450m
9	Metro Bus Stop	1	1150m
10	Gajumata Purana Rasta	1	250m
11	Gajumata Stop	1	350m
12	Gajumata Niaz House	1	100m
13	Gajumata Sova	1	150m
14	Chuhan Market	1	250m
15	Fezane Madina	1	200m
16	Telephone Exchange	1	150m
17	Sohaib Town	1	200m
18	Server Khan	1	200m
19	Peer Abas Shah	2	200m
20	Bara Plot 50 Foot Road	1	100m
21	Gulam Husain Colony	1	150m
22	Shamana Plot	1	450m
23	Sohaib Town	1	100m
24	Shafique Chudhry	1	450m
25	Manshah Joea Shalimar Town	1	200m
26	Sahlimar Chowk	1	150m
27	Chohanmarkete	1	250m
28	Aos Mahmood Office	1	150m
29	Master Khushi	1	200m
30	S.P House	1	150m
31	Gajumata Sova	1	100m
32	Nawab Mashqoor Town	2	3km

7. Solid Waste Collection & Transportation

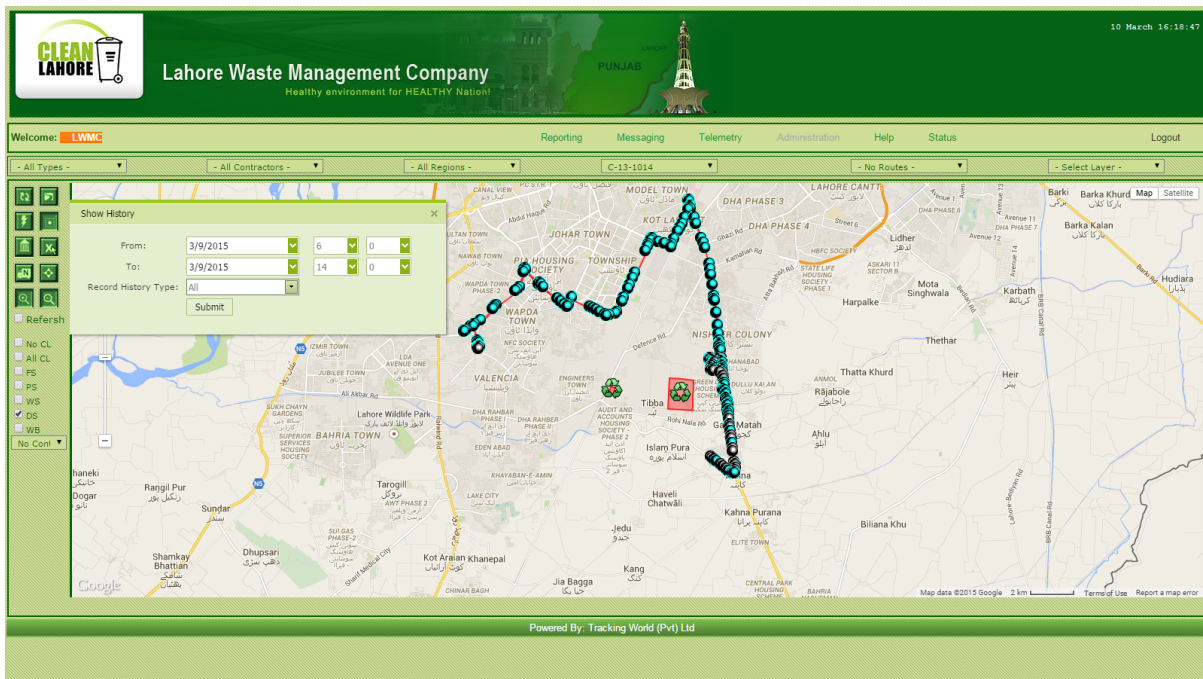
7.1. Route for Compactor

Compactor route with time and motion study has been presented in the following table.

S.N	LOCATION	NUMBER OF CONTAINER	TIME OF LIFT
1	lucky hotel	1	9:39AM
2	Ferdosia Kabrastan	1	9:41 AM
3	Metro Bus Stop	1	9:43 AM

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4	Gajumata Purana Rasta	1	9:48 AM
5	Gajumata Stop	1	9:51 AM
6	Gajumata Niaz House	1	9:57 AM
7	gajumata baga chaa wala	1	10:00 AM
8	gajumata solany	1	10:04 AM
9	gajumata sooba market	1	10:06 AM
10	Chuhan Market	1	10:07 AM
11	Fezane Madina	1	10:08 AM
12	Telephone Exchange	1	10:09 AM
13	Sohaib Town	1	10:10 AM
14	Server Khan	1	11:19 AM
15	Peer Abas Shah	2	11:20 AM
16	iqbal gujer	1	11:26 AM
17	Bara Plot 50 Foot Road	2	11:29 AM
18	Gulam Husain Colony	1	10:03 AM
19	Nawab Mashqoor Town	1	11:32 AM



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7.2. Staff Deployment for Compactor Vehicle

Overall Incharge = Abdur Rehman (0322-2895540)												
Shift Supervisor = Ashi Sardar (0313-4680221)					Shift Supervisor = Ashi Sardar (0313-4680221)					Shift Supervisor = ()		
1st shift					2nd shift					3rd shift		
UC	Vehicle No.	Driver Name & Mobile	Name of Helpers	Rest Day	UC	Vehicle No.	Driver Name & Mobile	Name of Helpers	Rest Day	Vehicle No.	Driver Name & Mobile	Name of Helpers
134	1121	Ali Abbas (0322 - 4843927)	Pervai Mukhtar	Tuesday	142	1121	M.Ramzan	UC worker's	Thursday			
			Pervai 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			
			Arshad Channa									
137	1124	M. Arshad (0322 - 4341136)	Sabir Hera	Sunday	137							
			Sabir Anayat									
141	1082	M. Javaid (0302 - 4255228)	Aslam Ashiq	sunday								
			Rashed Yousif									
14	101	Safda	Pervai	Saturday								

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2	4	r Masih	z Bashe er	ay								
14 5					146	111 4	Sabir Boota (0321- 6734992)	UC worker' s	Wedne sday			
14 6					146 ring	112 6	M.Fasial	Dilawar Shafi Fazal Bashir	Saturd ay			
Extra Drivers & Helpers			Tanve er Nazir		Extra Drivers & Worker's		Amir Ali	Friday				
			Nazir Anayat				Youna s Bashir					
			Willam Niamat				Waqas Nazir			Extra Drivers & Helpers		

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 Container.
- 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

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		(0321-4681771)
141	MD-19	Mahboob Alam (0321-4280400)
145	MD-15	Boota (0300-4669296)

The screenshot displays the Lahore Waste Management Company (LWMC) tracking system. The main map shows a route with green and red markers. A 'Show History' dialog box is open, showing the following data:

From:	3/30/2015	6	0
To:	3/30/2015	14	0
Record History Type:	All		

The interface also includes a navigation menu on the left with options like 'No CL', 'All CL', 'FS', 'RS', 'WS', 'DS', 'WB', and 'No Cont'. The top navigation bar includes 'Reporting', 'Messaging', 'Telemetry', 'Administration', 'Help', 'Status', and 'Logout'. The footer reads 'Powered By: Tracking World (Pvt) Ltd'.