

SOLID WASTE MANAGEMENT PLAN FOR RAZABAD (UC- 120)

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-120

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1. Facts

UC	120 (A)	120 (B)
NAME OF THE AREA	Khayaban-e-jinnah Road Shaukat khanum Khayaban-e-Ferdousi Road Shaukat khanum	Gourmet Bakrey Raiwind Road Ali Raza abad Makki masjid Road R-Block
CATEGORY	Urban	Urban
POPULATION	60166	60166
HOUSEHOLDS	12033	12033
GENERATION	33.0913	33.0913
MAJOR ROADS	Khayaban-e-ferdousi Road Khayaban-e-jinnah Road Wapda town PIA road College road Nazria pakistan road	Raiwind Road view Nazria Pakistan Road Excpo centre to Doctor hospital
MARKETS	Shaukat khanum market PIA Road market Butt chowck market Wapda town market	G1 Market Centre Amaan Centre Market Khokhar chowck Market ExPO Centre
MOSQUES	AL-Baaitulqeeq Mosque	Fatima mosque Makki Mosque Ek minaar wali masjid Daawat-e-Islaami Madrissa
IMAM BARGAH		Maryam Imam Bargah Minaj-ul-hussaian Imam bargah

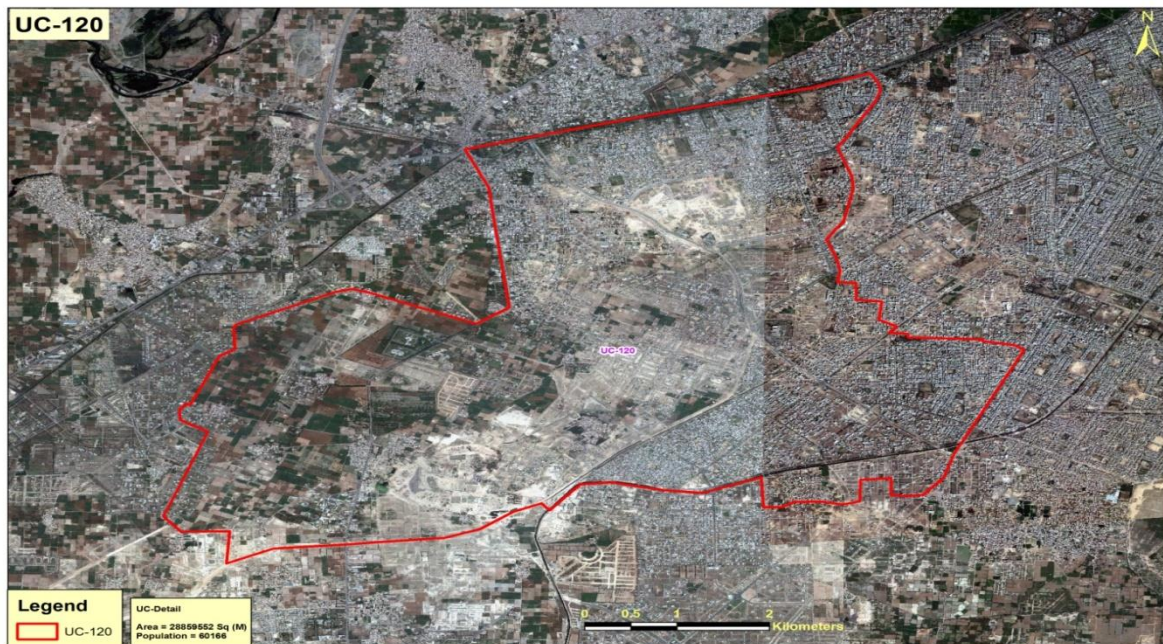
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EDUCATIONAL INSTITUTES		UCP University		The Lahore University Govt high school (Ali raza abad) City school Punjab college(R-Block)
IMPORTANT OFFICES		Topaz Office		PTCL Office NADRA head office WAPDA head office
SANITARY WORKERS	MALE	REGULAR	1	11
		WC	1	2
		S & C	3	15
		Z & C	10	14
		TOTAL	15	42
	FEMALE	REGULAR	0	0
		WC	0	0
		S & C	0	5
		Z & C	9	15
		TOTAL	9	20
GRAND TOTAL			24	62
STATIONARY RESOURCES	NUMBER OF CONTAINERS	32	73	
	STORAGE CAPACITY (1 TIME LIFTING)	3.2	7.3	
	HAND CARTS	1	0	
	WHEELY BINS	2	0	
MECHANICAL RESOURCES	COMPACTOR (7 m3)	1st SHIFT	0	0
		TRIPS	0	0
		TRIPS	0	0
		2nd SHIFT	0	0
	COMPACTOR (13 m3)	1st SHIFT	1085	1005 1029
		TRIPS	1	2
		TRIPS	1	2
		2nd SHIFT	1085	1085
MINI DUMPER	1st SHIFT	0	13	
	2nd SHIFT	0	0	

2. Introduction

Union Council – 120 (Razabad) is located in Allama Iqbal Town. Total area of the UC is 28859552 m² with population of 60166¹. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 120 Razabad



3. Solid Waste Generation

Estimated solid waste generation is 33 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:

4.2 Block Cleanliness Schedule

UC 120 consists of Razabad and some slums including Sand Katlah Pind, Hazar Abad, Ali Pur. 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 area

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

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(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	G-1 Market, G-2, G-3, R-3, R-2, K-Block Johar Town	Lack of workers	Monday
2	Sand Katlah Pind, Hazar Abad, Ali Pur	Lack of workers	Tuesday
3	Q & L Block	Lack of workers	Wednesday
4	M, N Block	Lack of workers	Thursday
5	P Block Johr Town	Lack of workers	Friday
6	T Block Johr Town	Lack of workers	Saturday

- 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.
- Waste bags also used for roads sweeping

4.3 2nd Shift Arrangement- 2 PM to 10 PM

Manual Sweeping - Special Gang		
Shift In-charge	1	
Sanitary Workers	17	
Driver	1	
Note: for taking care of whole Zone-22, attending major roads, markets, 1139 complaints and to coordinate compactors and ensure containers collection.		

5. Solid Waste Storage

5.1 Waste Storage Facility

- Currently 124 waste storage containers are placed at 65 different points.
- Storage capacity is 49.6 tons in one time lifting
- Lifting is operational in 2 times

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18	Gournment Bakery Khayabany Jinah Road	1
19	Pcsir	5
20	Riwand Road New Teri Chatkhary	1
21	Butt Sweet Riwand Road	1
22	NBP Riwand Road	1
23	Riwand Road Pak Punjab Hotal	1
24	Riwand Road Faisal Bank	1
25	Faitma Masjid Riwand Road	1
26	UCL Riwand Road	1
27	Kachi Kothi Ander Muhammad Road	1
28	Jan Muhammad Road Plot	3
29	Kachi Kothi Stop	4
30	Raheem Abad Pind	2
31	Elaqah Nawab Shsh Pind	3
32	Union Concil	1
33	Society Nashaman Iqbai Jamal Chowk	3
34	PTCL Exchange	1
35	PCSIR Society	2
36	Shadawal Road	2
37	Shadawal Road	1
38	Shadawal Chowk	2
39	Shadawal P Block	1
40	Kokar Chowk	1
41	Tika Chowk	1
42	G Market Outside	4
43	G Market In Side	4
44	Doctor Hospital	2
45	Piyala Chowk	1
46	Amman Center	1
47	Sub Way Expo Center	1
48	H-2 Block	2
49	Samsani Pind	3
50	Samsani Road	2
51	International School	2
52	LESCO Wapda	5
53	G-4	4
54	Maki Masjid	3
55	Maki Road	3
56	City School	2
57	Mughal School	1

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58	Doce Bakery	2
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6 Solid Waste Collection & Transportation

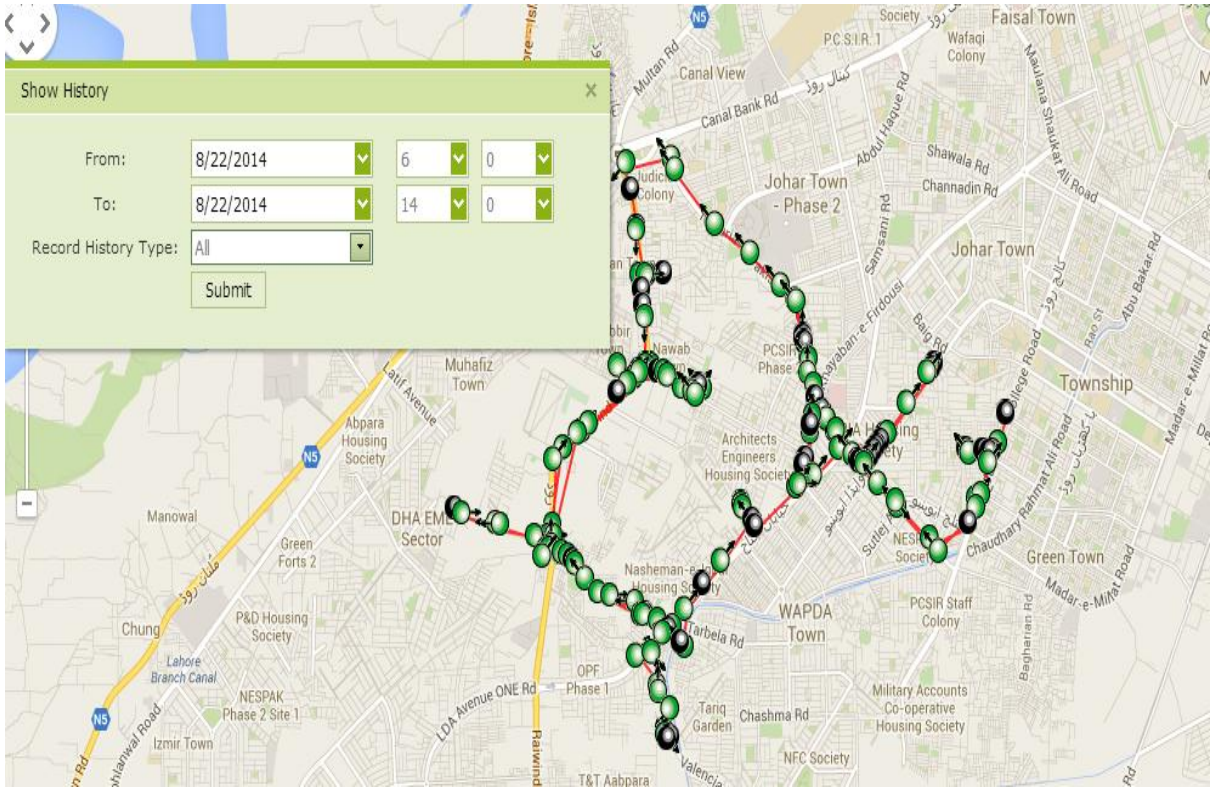
6.1 Route for Compactor

S.N	LOCATION	NO.OF CONTAINER	TIME OF LIFT(1085)	
1	Elaqa Nawab Shah Bank Wali Gali	2	6:45AM	6:50AM
2	Gulshan Lahore Society	4	7:04AM	7:10AM
3	Nashamen Iqbal Housing Society	2	7:13AM	7:15AM
4	Architect Society	3	7:17AM	7:19AM
5	Raza Abad Pind	2	7:21AM	7:25AM
6	Khayaban Jinnah Service Road	1	7:27AM	7:30AM
7	Pak Turk School	1	7:32AM	7:35AM
8	Khayaban Jinnah Service Road	1	7:37AM	7:40AM
9	Shokat Khanum Road	3	7:43AM	7:47AM
10	Gufar Chowk	1	7:51AM	7:54AM
11	PIA Hafiz Fruit	1	8:14AM	8:17AM
12	PIA Astial Save	1	8:20AM	8:25AM
13	Pia Afc	1	8:28AM	8:32AM
14	Butt Chowk Plot	1	8:46AM	8:50AM
15	Wapda Town Gol Chaker	1	9:11AM	9:15AM
16	Butt Choki	1	8:53AM	9:00AM
17	Gufar Chowk	1	9:17AM	9:22AM
18	Gournment Bakery Khayabany Jinah Road	1	9:27AM	9:32AM
19	Pcsir	5	10:21AM	10;30AM
20	Riwand Road New Teri Chatkhary	1	10:35AM	10:39AM
21	Butt Sweet Riwand Road	1	10:40AM	10:42AM
22	NBP Riwand Road	1	10:43AM	10:45AM
23	Riwand Road Pak Punjab Hotal	1	10:46AM	10:48AM
24	Riwand Road Faisal Bank	1	10:50AM	10:52AM
25	Faitma Masjid Riwand Road	1	10:54AM	10:59AM
26	UCL Riwand Road	1	11:05AM	11:13AM
27	Kachi Kothi Ander Muhammad Road	1	11:18AM	11:21AM
28	Jan Muhammad Road Plot	3	11:24AM	11:33AM
29	Kachi Kothi Stop	4	11:37AM	11:45AM

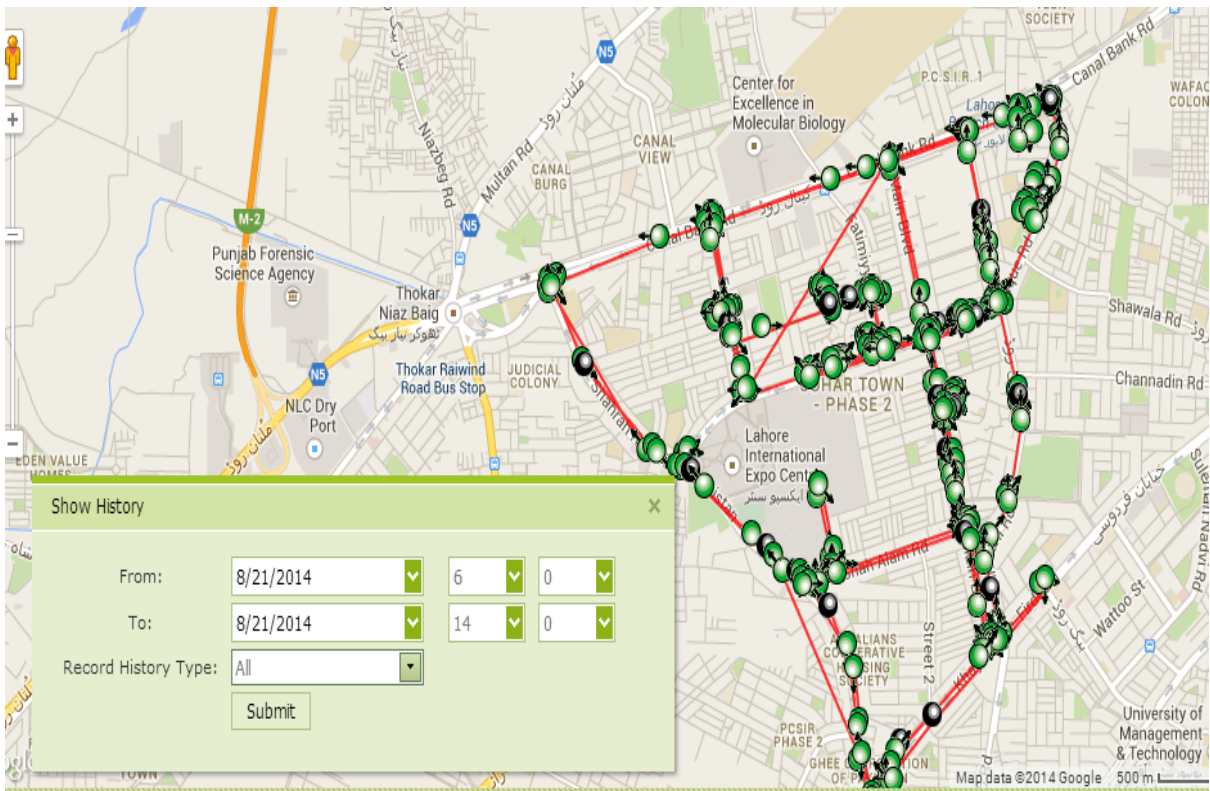
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30	Raheem Abad Pind	2	11:50AM	12:06PM
31	Elaqah Nawab Shsh Pind	3	12:10PM	12:25PM
32	Union Concil	1	12:30PM	12:35PM
33	Society Nashaman Iqbai Jamal Chowk	3	12:40PM	12:45PM
S.N	LOCATION	NO.OF CONTAINER	TIME OF LIFT(1092)	
34	PTCL Exchange	1	7:00AM	7:03AM
35	PCSIR Society	2	7:05AM	7:10AM
36	Shadawal Road	2	7:30AM	7:35AM
37	Shadawal Road	1	7:43AM	7:45AM
38	Shadawal Chowk	2	7:46AM	7:50AM
39	Shadawal P Block	1	7:54AM	7:56AM
40	Kokar Chowk	1	7:56AM	7:58AM
41	Tika Chowk	1	8:01AM	8:04AM
42	G Market Outside	4	8:06AM	8:10AM
43	G Market In Side	4	8:22AM	8:29AM
44	Doctor Hospital	2	8:30AM	8:32AM
45	Piyala Chowk	1	8:59AM	9:00AM
46	Amman Center	1	9:01AM	9:03AM
47	Sub Way Expo Center	1	9:13AM	9:20AM
48	H-2 Block	2	9:20AM	9:24AM
49	Samsani Pind	3	9:52AM	9:55AM
50	Samsani Road	2	10:02AM	10:20AM
51	International School	2	10:25AM	10:30AM
52	LESCO Wapda	5	10:35AM	10:40AM
53	G-4	4	10:53AM	10:57AM
54	Maki Masjid	3	11:00AM	11:05AM
55	Maki Road	3	11:05AM	11:10AM
56	City School	2	11:16AM	11:20AM
57	Mughal School	1	11:20AM	11:23AM
58	Doce Bakery	2	12:53PM	12:55PM

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Compactor route for 1085 (13 m3)



Compactor route for 1092 (13 m3)

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6.2 Staff Deployment for compactors and mini dumpers (1st & 2nd Shift)

Zone-22						
SR.NO	Driver Name	Computer No.	Shift	Vehicle No.	UC	Contact No.
1	Muhammad Akbar S/O Muhammad Hayat	HR.216	1ST	C-13-1008	133	0321-4162613
2	Jahangir Masih	HR.670	1ST	MD-51	132	0315-4249958
3	Amanat Masih S/O Laal Masih	HR.751	1ST	C-13-1029	1191 20	0305-4716028
4	Sadeeq Masih S/O Sayd Masih	9064	1ST	C-13-1061	116	0321-4275659
5	Khurram Shahzad S/O Muhammad Nazir	30227	1ST	C-13-1062	116	0321-4588900
6	Waris Ali	HR.741	1ST	C-13-1067	132	0324-4977517
7	Saleem Mukhtaar S/O Mukhtaar	13748	1ST	C-13-1085	120	0323-4988212
8	Akbar Khan S/O Ayyub Khan	HR.487	1ST	C-13-1005	120	0306-4660447
9	Naeem	HR.842	1st	C-7-1137	132	0305-4043194
10	Khalid Hussain Butt S/O Ghulam Hussain	HR.765	1ST	C-7-1136	133	0300-4975662
11	Nazaqat Ali S/O Rayasat Ali	25229	1ST	MD.13	120	0343-4907789
12	Rehman Syd. S/O Muhammad Syed	26615	1ST	1082	132	0346-4642047
13	Amanat Ali	HR.455	1ST	MD.66	119	0312-4357635
14	Kamran Niamat	29881	1ST	MD.68	116	0322-4643677
15	Imran Barkat	HR.587	1ST	MD-002	120	0300-4926964
16	Muhammad Sharif	HR.737	1ST	MD-23	133	0322-4273850
17	Nasir	HR-863	1st	Spare		0316-4093814
2nd shift						
1	Hameed	HR.792	2nd	C-7-1029	118-119-120	0311-6516412
2	Akram Ali S/O Hashmat	29185	2nd	C-13-1069	116	0307-4799566
3	Muzammail Hussain S/O M.Nawaz	13547	2nd	C-13-1085	120	0313-8184111

7 Door To Door Waste Collection

7.1 System for D-T-D Waste Collection

- 1 Pickup for door to door waste collection

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- 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

Mini Dumper / Suzuki Pickup			
Block 1	6:00 am to 8:00 am	Block 2	8:00 am to 10:00 am
Block 3	10:00 am to 11:00 am	Block 4	11:00 am to 12:00 pm
Block 4	12:00 pm to 2:00 pm		

Block	Major Areas/ Mohalla's
Block 1	Ali Razaabad, Ilaqa Nawab Sahib, Tamashaabad, Husain abad, Barkat Pura, Azeem abad,
Block 2	Rasool Pura, Bhitad Pind, Shadewal, Sattu Katla, Ali Pur, Muhammad Pura, Kachi Kothi
Block 3	Raheem abad, Nasir Abad, Habib Abad, G I Block Johar Town, G II Block Johar Town, G IV Block Johar Town, H Block Johar Town
Block 4	H I Block Johar Town, H II Block Johar Town, H III Block Johar Town, J Block Johar Town, J II Block Johar Town, J III Block Johar Town
Block 5	K Block Johar Town, L Block Johar Town, P Block Johar Town, Q Block Johar Town, R Block Johar Town, R III Block Johar Town

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The screenshot displays a web browser window with the URL `116.0.41.28/Matrix/Home.aspx`. The application header features the 'CLEAN LAHORE' logo and the text 'Lahore Waste Man' and 'Healthy'. A 'Show History' dialog box is open, showing filters for 'From' (10/30/2014), 'To' (10/30/2014), and 'Record History Type' (All). The main content area shows a map of Lahore with numerous green circular markers clustered in the central region. The map interface includes a toolbar on the left with various navigation and layer control icons, and a top navigation bar with dropdown menus for 'All Types', 'All Contractors', 'All Regions', 'MD-13', 'No Routes', and 'Select Layer'. The system tray at the bottom shows the time as 2:24 PM on 10/30/2014.