

# Chapter No. 04

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## Zone-16

## UC-83

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# CHOHAN PARK



PLANNING & MONITORING DEPARTMENT OZPAK

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## 1. Introduction

Union Council – 83 (Chuhan Park) is located in Data Gunj Baksh Town. Total area of the UC is 2467150 m<sup>2</sup> with population of 64248. This area is predominantly middle income area with planned settlement.



Chohan Road UC-83



Millat Road UC-83

*Fig: 1. Pictorial View of Main Road UC-83*

### 1.1 Important Places of Union Council - 83

From Sanitation point of view Union Council - 83 has important Places like Commercial Markets, Parks, Graveyard Important Roads, and Mosques etc.

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#### **Commercial Markets**

- Outfall road
- Millat road
- Hakimawala Bazar

#### **Graveyards**

- Sanda Road near office uc-85

#### **Important Roads**

- Chuhan road
- Sandha road
- Millat road
- Outfall road

#### **Mosques**

- Jamai Masjid Millat road
  - Jamai Masjid Corporation
  - Jamai Masjid Jinnah road
  - Jamai Masjid Anwar Tuheed
  - Jamai Masjid Al-Madina Muhammadi Park
  - Jamai Masjid Ya Rasool Allah Akram Park
  - Irfani Masjid Ansari Road
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### Open Plots

- Aziz Ud Din road, sandha
- Kashmir street
- Qurashi street, police station road

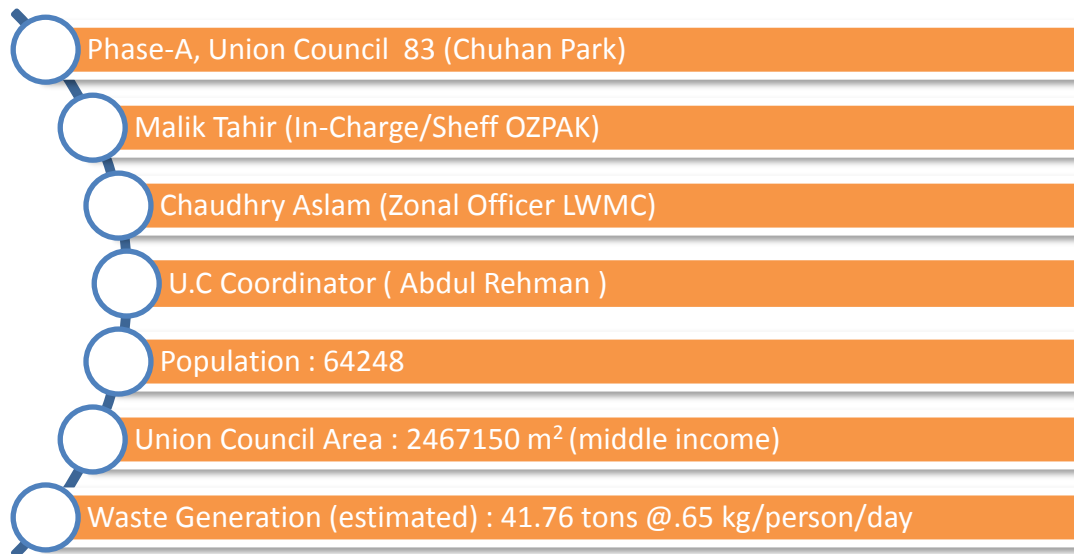
### River Side

- Abu bakar street, Umer-e-Farooq park
- Rafai Abad darbar (3 Plots)
- Police chowki Rafai Abad (3 Plots)
- Usman road Rafai Abad
- Akram Park Masjid Ya Rasool Allah
- Chudhari park (2 Plot)

## 1.2 Solid Waste Generation

Estimated solid waste generation is 41.76 tons per day @ waste generation rate of 0.65 kg/person/day.

## 1.3 Particulars



## 2. 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:

### 3. Operational Activities - First Shift Plan

#### 3.1 Manual Sweeping Operation

Manual sweeping of the roads, streets, markets, footpaths and every paved and unpaved passageway is done with Sanitary Workers equipped with all necessary operational tools and PPE's (Personal protective equipment's)

- ✓ Manual sweeping in first shift is carried out from 6AM to 2PM.
- ✓ Personal protective equipment's include Proper uniform, Gloves, Mask, Proper Shoes, Long Boots and Rain Coat in case of monsoon Season.
- ✓ Operational Requirement for Sanitary Worker includes Broom, Shovel, Wheelie Bin, Waste Bags, Scrapper and Hand Cart.

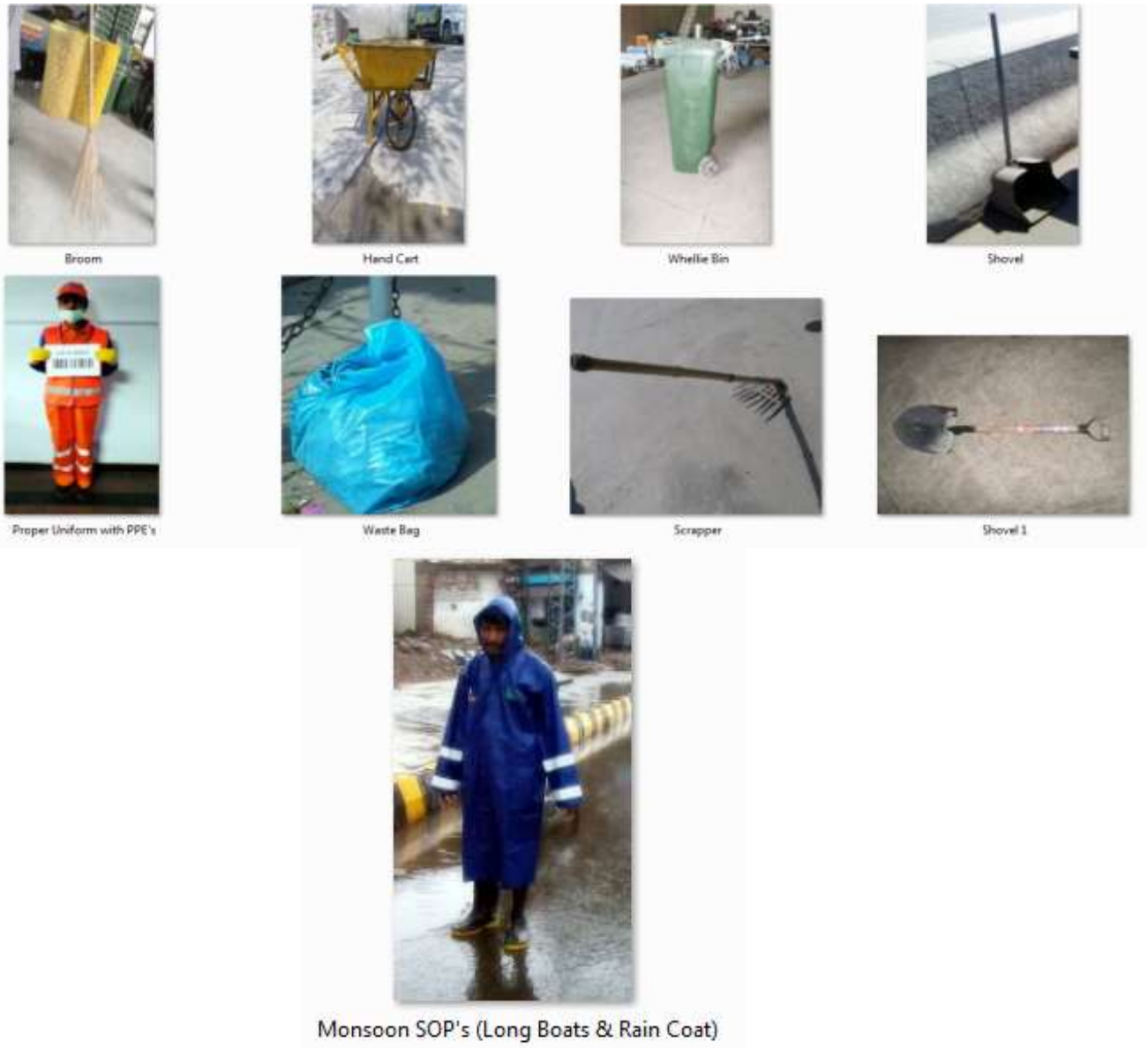


Fig: 2. Pictorial View of Operational Equipment's, PPE's & Monsoon SOP's for Sanitary Worker

- ✓ Sanitary Workers are managed by Sanitary Supervisors in Union Council and each sanitary worker has its own defined Beat (Area).
- ✓ During Manual Sweeping Operation in 1<sup>st</sup> Shift, Waste is also collected by sanitary workers from households i.e. collected from their house entrance.
- ✓ Waste Bags are also used by sanitary workers to collect the waste from the roads, streets and households which are then hauled through Wheelie bins and Hand carts to the waste containers.

### 3.2 Manual Sweeping Operation Details



## 4. Solid Waste Collection Operation (Container Collection)

Solid waste generated is stored in waste containers which are placed all over the Union Council. These waste containers are lifted by Hydraulic Compactor Vehicles moving in the union council on a specific route for the purpose of waste collection and dump the waste at temporary waste disposal Station Outfall Workshop.

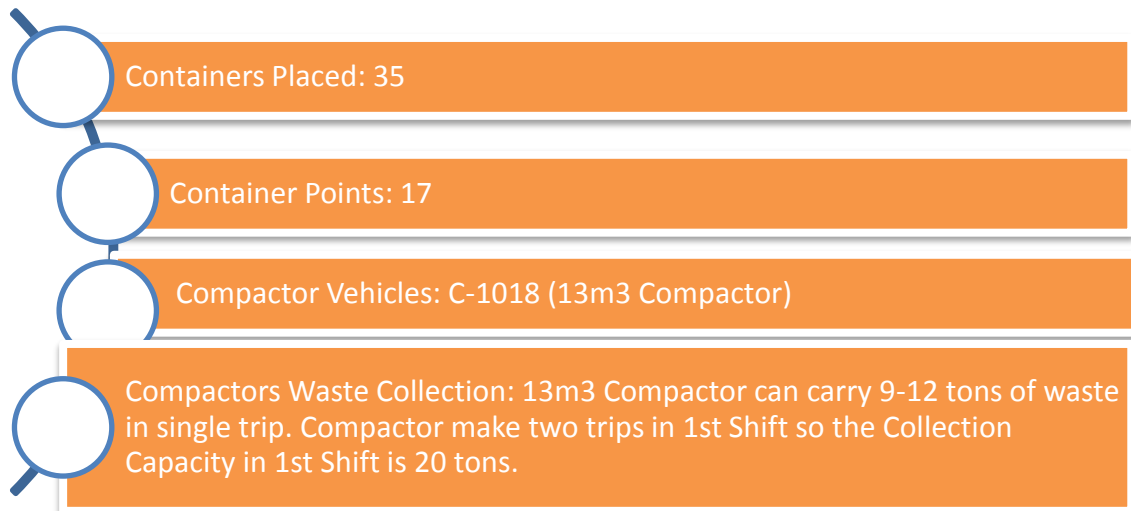
Total 35 waste containers are in place in Union Council at 17 different Points including river side area (Rafai Abad).

- ✓ Total waste storage capacity in 24 containers is 8.75 tons in one time lifting.
- ✓ These Waste Containers are lifted by Hydraulic Compactor Vehicles having a Compaction Ratio of 1:3.
- ✓ One Big Compactors is deployed for waste collection in Union Council. Each compactor has two helpers equipped with all necessary operational tools and PPE's (Personal protective equipment's).
- ✓ Compactor's responsibility is to lift all the containers in its route during the shift and also to collect all open heaps from the roads and streets to maintain efficient cleanliness standards.



Fig. 3. Pictorial View of Vehicles & Operational Equipment's for Helpers

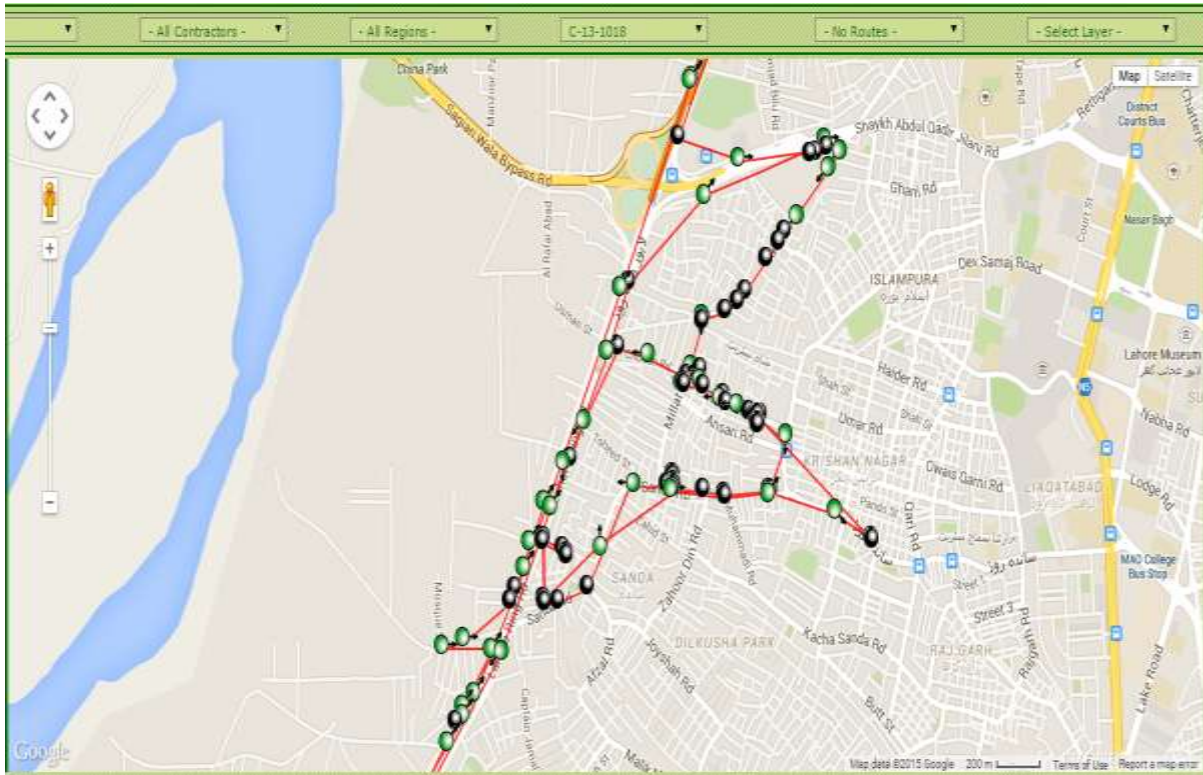
#### 4.1 Solid Waste Collection Operation (Container Collection) Details



#### 4.2 Compactor Vehicles Waste collection

13m<sup>3</sup> Compactor 1018 make two trips in 1<sup>st</sup> Shift to Dumping Site after lifting all Waste containers and Waste Heaps in its route. Approximately it lifts 9000 - 12000 kg waste in one trip.

4.3 C-13-1018 Compactor Vehicle Route:



4.4 Location and Points of Containers

Sr. NO.	Location	Numbers
1	Sabir Piya Outfall Road	1
2	Millat Road	2
3	Corporation Colony Chuhan Road	2
4	Main Chuhan Road, Ansari road	3
5	Sandha Road near Laal School	4
6	Sandha Road near Punjab Bank	4
7	Usmania Park	1
8	Aziz Din Road Plot	4
9	Bank Road	1
Rafai Abad Band Par		
10	Rafai Abad	2
11	Abubakar Street	2
12	Cheema street	2
13	Usman Street rafai abad	2
14	Police choki	1

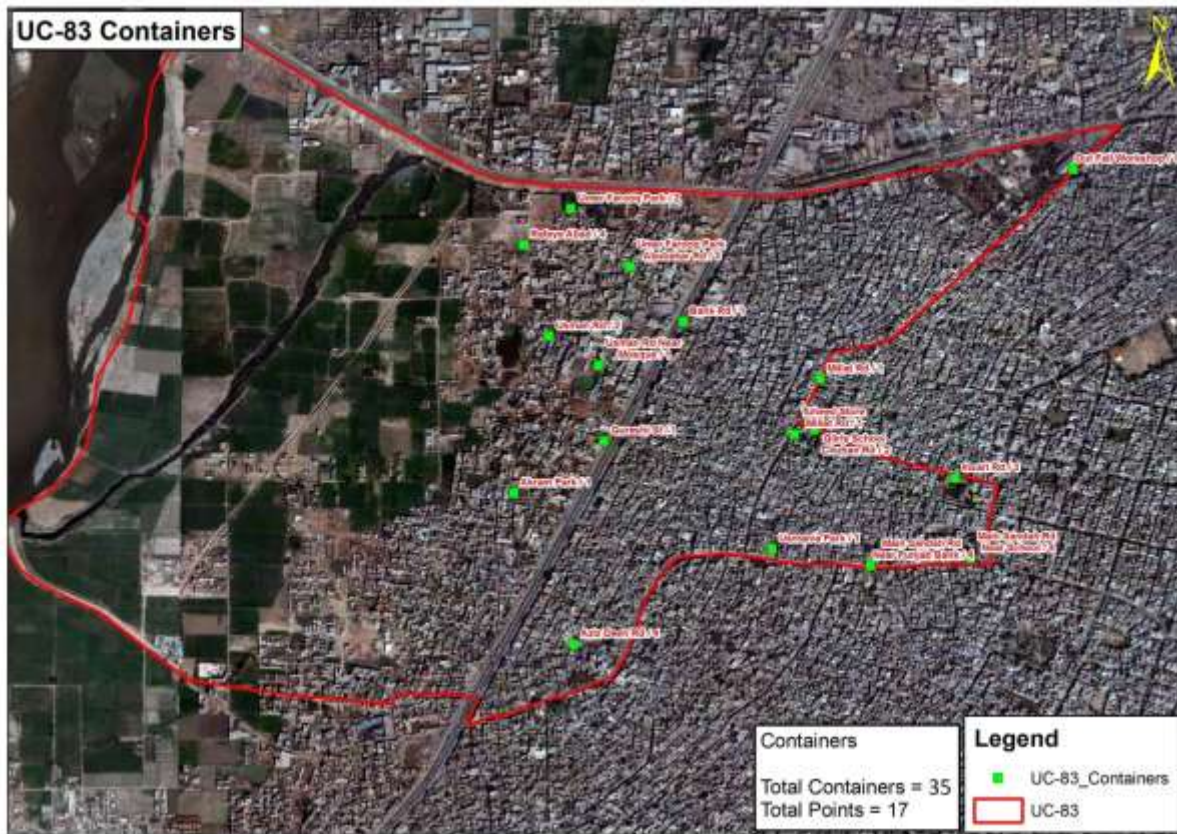


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15	Rafai road	1
16	Qureshi street	2
17	Akram park	1
Total		35

Table: 01.Point of containers UC-83

4.5 Container locations on Map UC 83



Map: 01. Location of Containers

4.6 Weekly Working Plan after 11:00 am (Plots):

Union Council-83	
Day	Open Plot Areas
Tuesday	Akram Park Ya Rasul Allah
	Aziz ud din Plot
	Ch. Park Plot # 2
Wednesday	Chaudhery Park
	Chaudhry Park Plot # 1
	Omer Farooq Park Abubakar Street

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<b>Thursday</b>	Plice Choki Raffayabad
	Police Choki Raffayabad
	Police Choki Raffayabad
<b>Friday</b>	Raffayabad Near Darbar Dafaya
	Raffayabad Near Darbar
	Raffayabad Near Darbar
<b>Saturday</b>	Service Road Opp PTCL Building UC-83
	Usman Road Plot # 2
	Usmna Road Plot # 1

**4.7 Weekly Working Plan after 11:00 am (Areas):**

<b>Union Council-83</b>	
<b>Day</b>	<b>Areas to Cover</b>
<b>City side</b>	
<b>Daily</b>	Important Main roads and Commerical markets
<b>River side</b>	
<b>Monday</b>	Akram park ya raool allah
	umer farooq park abu bakr street
	police choki rafia abad
<b>Tuesday</b>	qureshi street/ sohni cycle street
	rafia abad near darbar
	usman road
<b>Wednesday</b>	chaudry park
	wasatubewell area
	raryah wala road
	opposite ptcl building area

4.8 Open Plots Pictorial View



Abu Bakar street



Aziz-ud-Din Plot



Chaudhry Park Plot



Chaudhry Park # 1



Chaudhry Park # 2



Masjid Ya Rasool Lallah



Police Choki Plot



Police Choki Plot # 1



Police Choki Plot # 2



Rafayyabad Plot



Rafayyadbad Plot # 1



Service road, bund Road



Usman Road



Rafayyabad Plot # 2

## 5 Manual Sweeping Operation - Second Shift Plan

Manual Sweeping Operation is not carried out in 2nd Shift.

### 5.1 Solid Waste Collection Operation (Container Collection)

Solid waste generated is stored in waste containers which are placed all over the Union Council. These waste containers are lifted by Hydraulic Compactor Vehicles moving in the

union council on a specific route for the purpose of waste collection and dump the waste at temporary waste disposal Station Outfall Workshop.

## 5.2 Solid Waste Collection Operation (Container Collection) Details

- Compactor Vehicles: C-1056 ( 13m<sup>3</sup> Compactors)
- Compactor Waste Collection 2nd Shift: Compactor C-1056 Covers Main Roads and Important Markets Containter Points covering Union Councils 80, 82 & 83.

## 6 Manual Sweeping Operation - Third Shift Plan

Manual Sweeping Operation is not carried out in 3rd Shift.

### 6.1 Solid Waste Collection Operation (Container Collection)

Solid waste generated is stored in waste containers which are placed all over the Union Council. These waste containers are lifted by Hydraulic Compactor Vehicles moving in the union council on a specific route for the purpose of waste collection and dump the waste at Dumping Site (Mehmood Booti).

- Compactor Vehicles: C-1057 ( 13m<sup>3</sup> Compactors)
- Compactor Waste Collection 3rd Shift: Compactor C-1057 Covers Main Roads and Important Markets Containter Points and Problematic Points covering Union Councils 80, 81, 82, 83, 85 & 86

In third shift compactor collected waste from all containers of complete zone and used to dump at temporary disposal station at outfall workshop.

## 7 Compactor Vehicle Staff Deployment for Union Council 83

In UC-83 there are total seven sanitary supervisors working under the supervision of sheff. Detail of vehicles deployed in three shifts and contact number of responsible persons are given below:

### Conservancy Staff Zone-16

Overall Incharge = Malik Tahir (0321-4601831)

Supervisor = Nazar Hussain (0315-4986110) Billa Chirag (0312-4399641) Rehmat Gulzar (0311-7052765) Shahbaz Khan (0333-4311419) Rafique (0315-4629108)			Overall Incharge = Ali Rajbi (0315-4533505)		Supervisor = Shehbaz	
1st shift			2nd shift		3rd shift	
UC	Vehicle No.	Driver Name & Mobile	Vehicle No.	Driver Name & Mobile	Vehicle No.	Driver Name & Mobile
83	1018	Shakil Naaz (0322-4520897)	1056	Majid Khalil (0301-4242156)	1057	M. Arif (0322-4415804)

Table: 02. Conservancy Staff UC-83

## 8 Door To Door Waste Collection

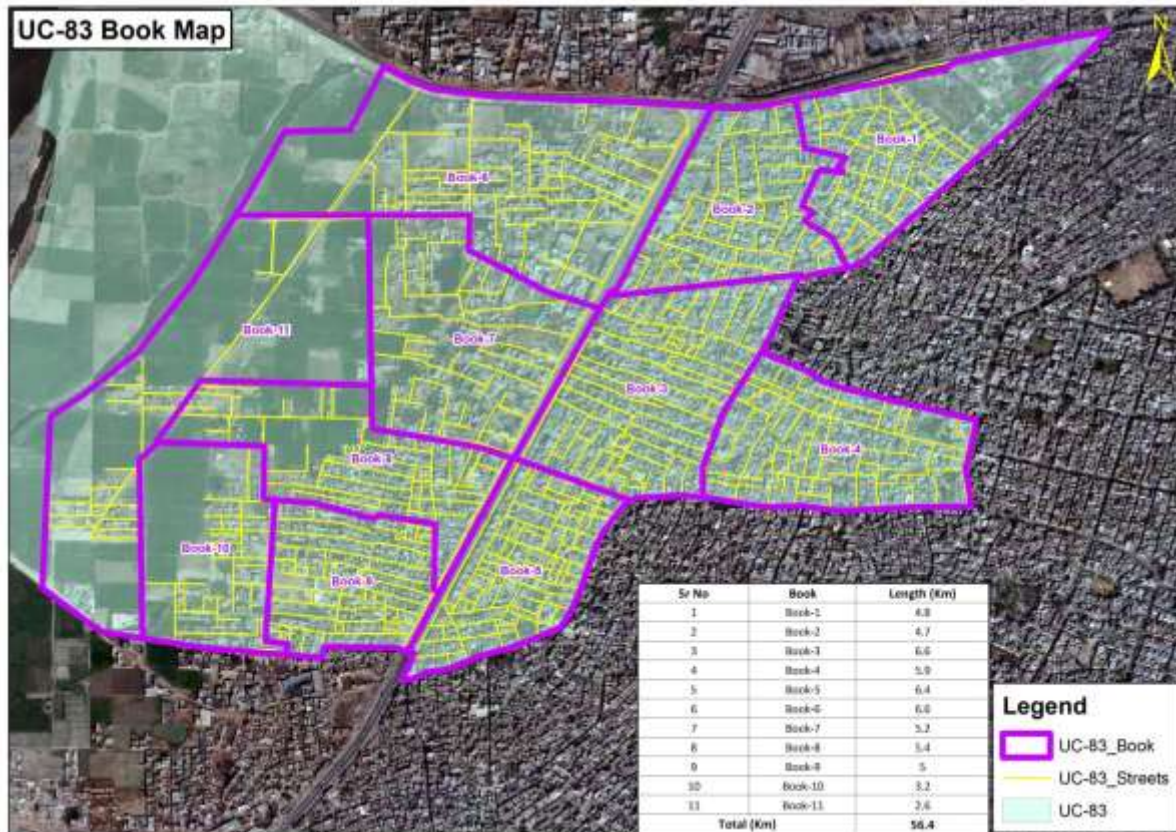
### 8.1 Old System for D-T-D Waste Collection

- ✓ A year Ago Ozpak deployed one Mini Dumper in each Union Council to enhance the efficiency of Door to Door Waste Collection System but unfortunately they were not fulfilling the sole purpose of DtD Collection in Union Council.
- ✓ Mini Dumper was covering about 30%-40% of the UC area for the purpose of door to door waste collection and the 60%-70% area was dependent on old collection methods and our sanitary workers to collect waste from their door steps and dump it as an Open Heap.

### 8.2 New System for D-T-D Waste Collection

- ✓ Our Mini Dumper Door to Door Waste Collection System was working with 50-70 % efficiency but we have implemented a new plan due to which we are able to achieve 100% Door to Door Waste collection
- ✓ To make sure the efficiency of this plan to be 100% we collected all the background data necessary for the proper functioning of Mini Dumper in Union Council i.e. Original (Local) Names of Minor Streets and Roads to be displayed on the maps so that we can easily monitor and communicate with our responsible person during door to door collection Operation.

### 8.3 Door to Door Collection Plan for Mini Dumper



Map: 02. Door to door Mini Dumper Route UC-83

### 8.4 Door to Door Collection Details (City Side)

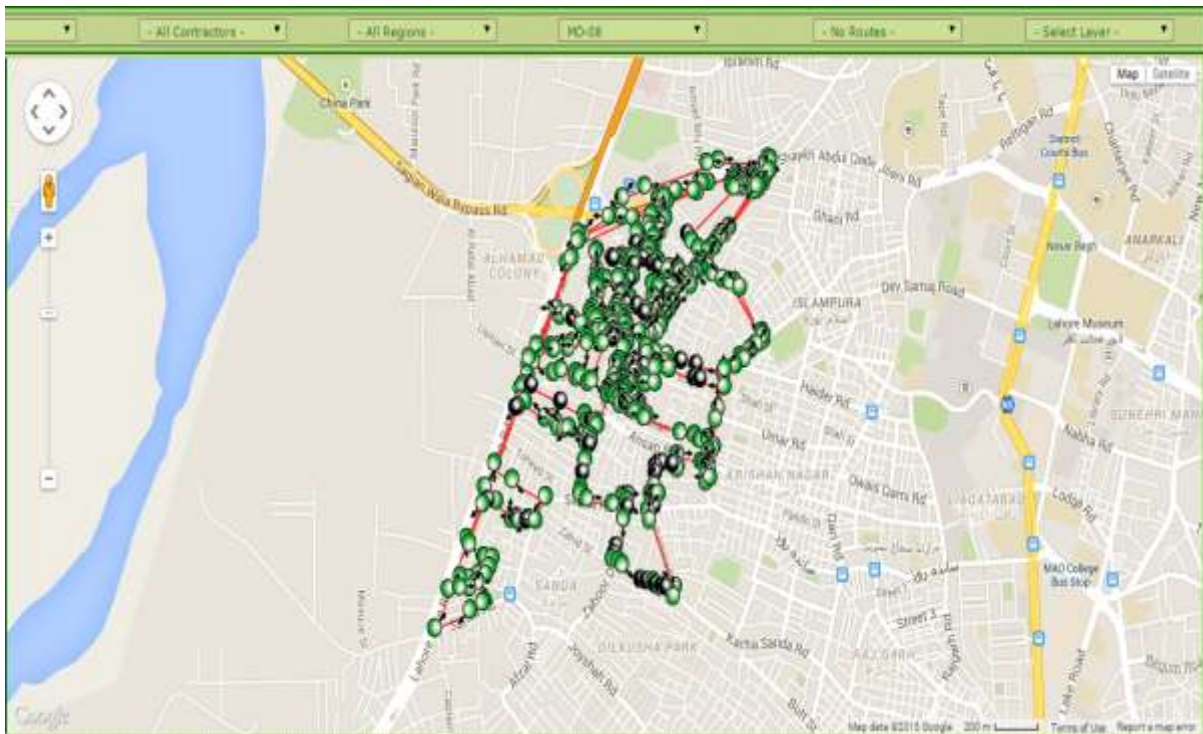
#### 8.4.1 MD-08 Vehicle Door to Door Collection Details:

MD-08 is the code of mini dumper which is deployed for UC-83. It starts working in UC from 06:00 am and covered all areas of UC like Sharif Park, Feroz Colony, Farooq-e-Azam Park, Millat Road, Ansari Road, Yousaf Road, Alfazal Park, Nasim Park, Usmania Park, Hakeeman Wala Bazaar, Irfan Colony, Jilal Colony etc. In narrow streets where mini dumper is unable to enter then it is helper duty to go inside and collect waste in shoppers from every house of the streets and finally dumped in the mini dumper.

Mini Dumper: MD-08

Mini Dumper Driver: Ishaq Maseeh (0313-3922539) with 1 Helper (Properly Equipped)

### 8.4.2 MD-08 Vehicle Door to Door Collection Details:



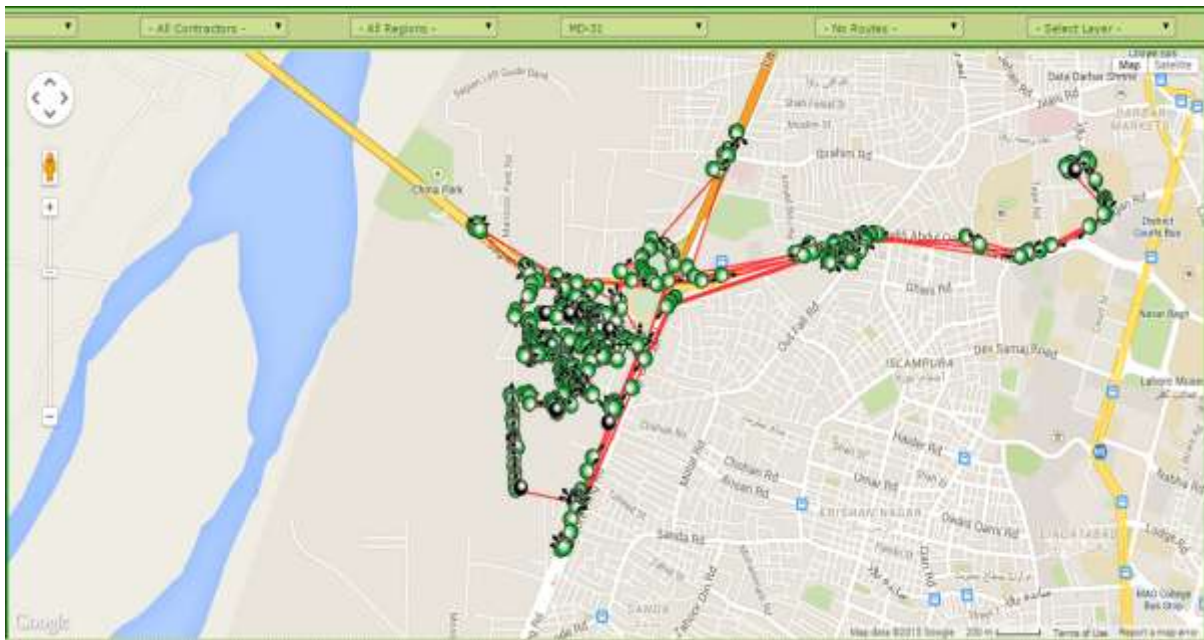
### 8.5 Door to Door Collection Details (River Side):

#### 8.5.1 MD-31 Vehicle Door to Door Collection Details:

MD-31 is the code of mini dumper which is deployed for UC-82 of Zone-16. It start working in UC from 02:00 pm and covered all areas of UC like Akram park Ya-Rasoolallah Mosque, Umer Farooq Park, Abu Bakar Street, Police Choki Rafiabad, Qureshi Street, Sohni Cycle Street, Rafaibad near Darbar, Usman Road, Chaudhry Park, Wasa Tubewell area, rarahye Wala, Opposite PTCL Building area etc. In narrow streets where mini dumper is unable to enter then it is helper duty to go inside and collect waste in shoppers from every house of the streets and finally dumped in the mini dumper.



### 8.5.2 MD-31 Vehicle Door to Door Collection Details:

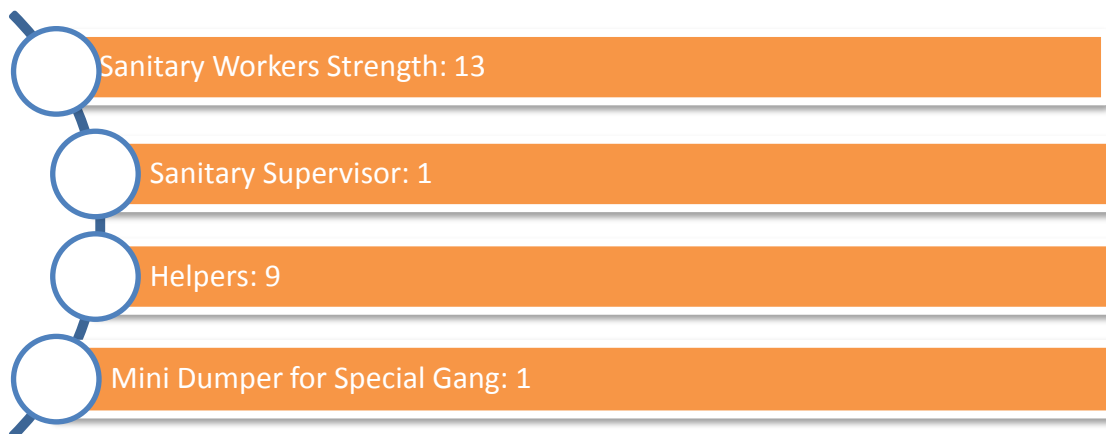


## 9 Special Gang

Special gang is a team consists of thirteen workers with a driver and a supervisor. Special Gang solely on Shef / ZO's disposal to attend important complaints and to work for absent workers beats of the day.

Special gang covers following activities:

- Open plot cleanliness
- Cleanliness of absent workers beats
- Important complaints (1139 and residents' complaints)
- Main road clearness like (Chuburji to kachahri lower mall road, Kachari chowk to shell pump outfall road and People house to secretariat road)



## 10 Scope of Work U.C Coordinator

*06:00AM-07:00AM*

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### *Attendance Points:*

- ❖ Manual and Android Cards Attendance Marking on these fixed attendance points
  - Cooperation Colony
  - Workshop outfall Road
  - Kokha Stop, Bund Road
  - Sandha Road, Borh Wali Masjid

### *Finding Problematic Points & Deployment of Human Resource and Machinery:*

- ❖ Check arrival of Compactor and Mini Dumper in Union Council
- ❖ Deploy Human Resource on Main Roads, Commercial and Residential Areas
- ❖ Highlight important open heaps points and problematic over flowed containers to Compactor and Mini Dumper drivers to attend on priority.

*07:00AM-08:30AM*

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- ❖ Check Manual Sweeping on Main Roads, Sanitary Workers Attendance and Containers Collection.
  - Outfall Road + 2 Containers
  - Bank Road + 1 Containers
  - Jinnah Road + Open Heap
  - Millat Road + 3 Containers
  - Chohan Road + 3 Containers
  - Insari Road
  - Main Sandha Road + 8 containers
  - Aziz ud Din Road, Aziz ud Din plot + 4 containers
  - Commercial market, Hakeem Wala Bazar, Narrow Streets
  - Naseem Park, Sandha Road
  - Usmania Park Millat Road + Containers

*08:30AM-09:00AM*

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- Distribution of Waste Bags, Rechecking the Main Roads and Communication with compactor Drivers

*09:00AM-10:00AM*

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- ❖ Check Manual Sweeping, Worker Attendance, Container Collection & Door to Door Waste Collection in Inner (Residential) Areas.

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- Afazal Park
  - Farooq e Azam Park
  - Shrif Park
  - Jalal Colony
  - Tuwakalabad
- ❖ During Visit Focusing on Manual sweeping Quality, presence of worker in allocated area, Door to Door Collection efficiency and staying in touch with compactor driver for timely lifting of containers.

### *10:00AM-10:45AM*

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- Break Time from 10:00am to 11:00am
- Workers gather at attendance points.

### *11:00AM-01:30PM*

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- ❖ Divide work force in groups to cover empty areas, absent worker area, problematic areas are and open plots.
- ❖ Check working in empty areas, open plots.
- ❖ Resolve PMS & 1139 Complaints on priority basis if any
- ❖ Checking again main roads manual sweeping & container collection including some problematic container points
- Outfall Road, Again Container Checking
  - Millat Road Again Container Checking
  - Unattended Areas
  - Chohan Road + Containers
  - Sandha Road, Again Container Checking
  - Rafiyabad Plots rivers side
  - Clearance of Open plots, 3 plots on daily basis
- ❖ In Final Round Checking focus is to check Group Working, Main Roads Sweeping and Container Collection of important Points.

### *01:30AM-02:00PM*

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- ❖ Manual and Android Cards Attendance Marking on these fixed attendance points
- Corporation Colony
  - Workshop Outfall
  - Khokha Stop bund road
  - Sandha Road, Borh Wali mosque

## 11 Public Awareness

- Distribution of leaflets along-with bags distribution has been done as per contract.
- Announcement(OZPAK JINGLE) of waste collection when pickup will move in the area
- Involvement of public representatives in mass awareness campaign