

# Chapter No. 03

## Zone-16

### UC-82

# ISLAM PURA



PLANNING & MONITORING DEPARTMENT OZPAK

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## 1. Introduction

Union Council – 82 (Islam Pura) is located in Data Gunj Baksh Town. Total area of the UC is 9973 m<sup>2</sup> with population of 629501. This area is predominantly middle income area with planned settlement.



Noori Building UC-82



Main Bazar Islam Pura UC-82

*Fig: 2. Pictorial View of Some Important Places UC-82*

### 1.1 Important Places of Union Council - 82

From Sanitation point of view Union Council - 82 has important places like Commercial Markets, Parks, Graveyard Important Roads, and Mosques etc.

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#### **Commercial Markets**

- Alamagir road
- Islampura
- Abdali road
- Haider road
- Umer road
- Sadi road
- Sanda road

#### **Graveyards**

- Sanda road near Alfurqania Park

#### **Important Roads**

- Main Bazar Islam Pura, Sandha Road, Abdali Road, Haider Road & Naseer ud din road.

#### **Mosques**

- Masjid Zil-e-Nabi
  - Jamai Masjid Al-Kussar
- 

<sup>1</sup> Punjab Development Statistics – 2011, Bureau of Statistics, Govt. of the Punjab

- Jamai Masjid Haniffiya
- Jamai Masjid Sadiqiya
- Abdali Masjid
- Shiyya Masjid
- Jamai Masjid
- Madina Masjid Jinnah Road
- Masjid Al Hadees
- Jamai Masjid Anwar Tuheed
- Jamai Masjid Ghossiya
- Jamai Masjid Al Furqan

**Open Plots**

- Haran road, Islam pura
- Abu bakar road, Islam pura



Alamgir Road Jamai Hanfia Farooqia UC 82



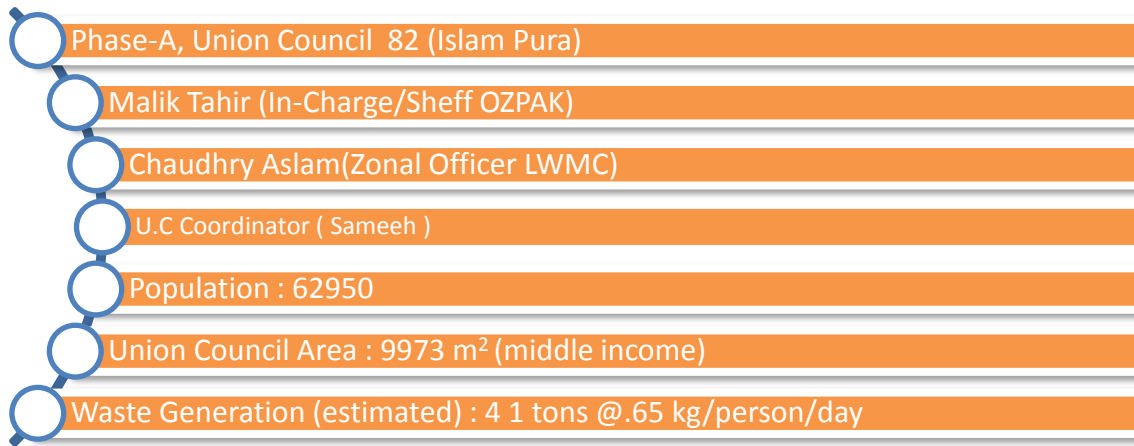
Abdali Road Farhan Hospital UC 82

*Fig: 2. Pictorial View of Some Important Places UC-82*

## 1.2 Solid Waste Generation

Estimated solid waste generation is 41 tons per day @ waste generation rate of 0.65 kg/person/day.

### 1.3 Particulars



Phase-A, Union Council 82 (Islam Pura)
Malik Tahir (In-Charge/Sheff OZPAK)
Chaudhry Aslam(Zonal Officer LWMC)
U.C Coordinator ( Sameeh )
Population : 62950
Union Council Area : 9973 m <sup>2</sup> (middle income)
Waste Generation (estimated) : 4.1 tons @.65 kg/person/day

## 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: 3. 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 24 waste containers are in place in Union Council at 10 different Points.
- ✓ Total waste storage capacity in 24 containers is 6 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.



Compactor Hydraulic System



Compactor



Mini Dumper Hydraulic System

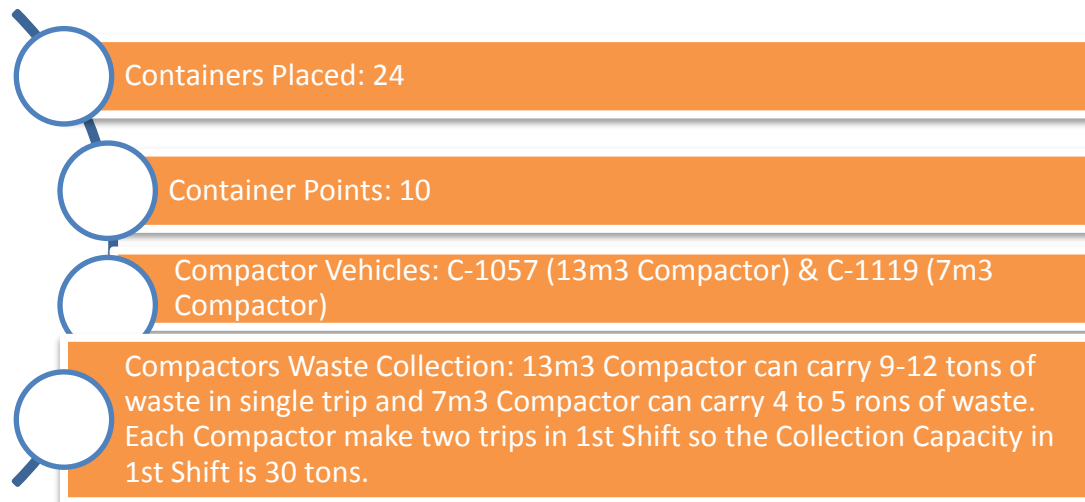


Mini Dumper



*Fig: 4. Pictorial View of Vehicles & Operational Equipment's for Helpers*

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

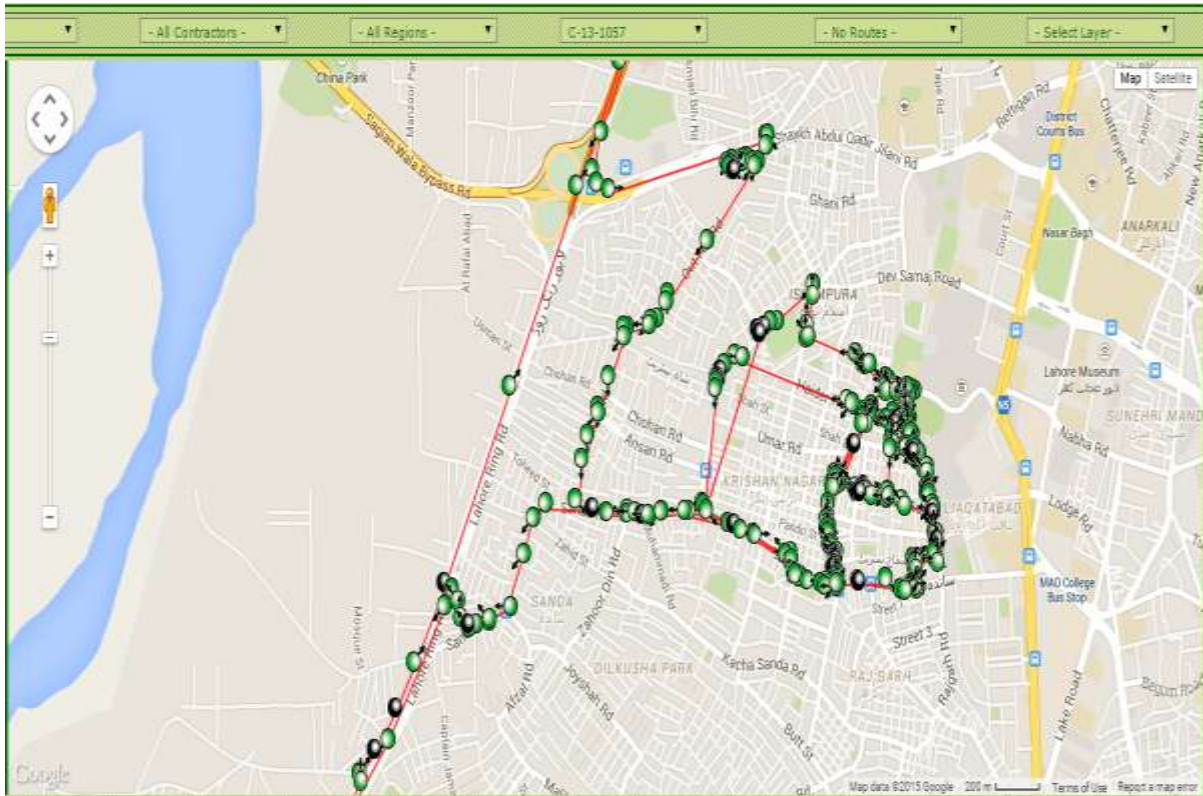


#### 4.2 Compactor Vehicles Waste collection

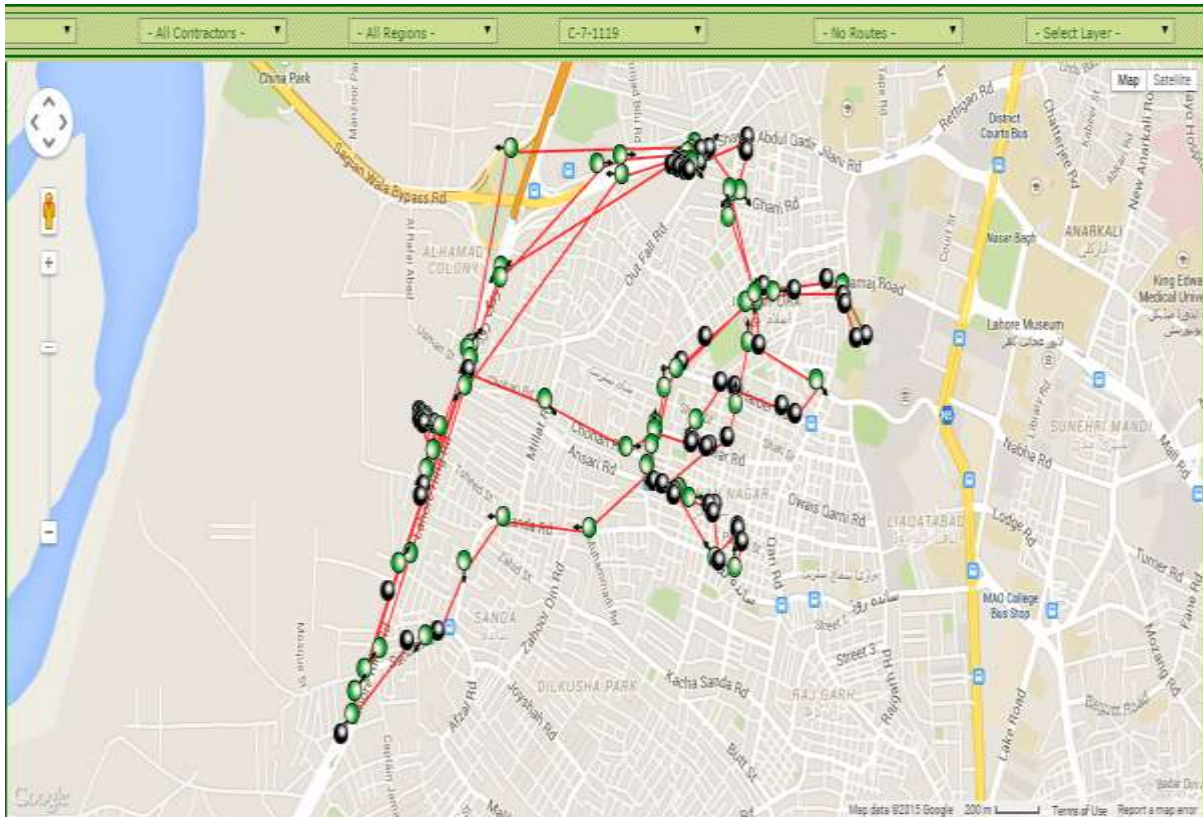
13m<sup>3</sup> Compactor 1057 make two trips in 1<sup>st</sup> Shift to Dumping Site after lifting all Waste containers and Waste Heaps in its route. Approximately it lifts 9000 - 12000 kg waste in one trip.



4.3 C-13-1057 Compactor Vehicle Route:



4.4 C-07-1119 Compactor Vehicle Route:

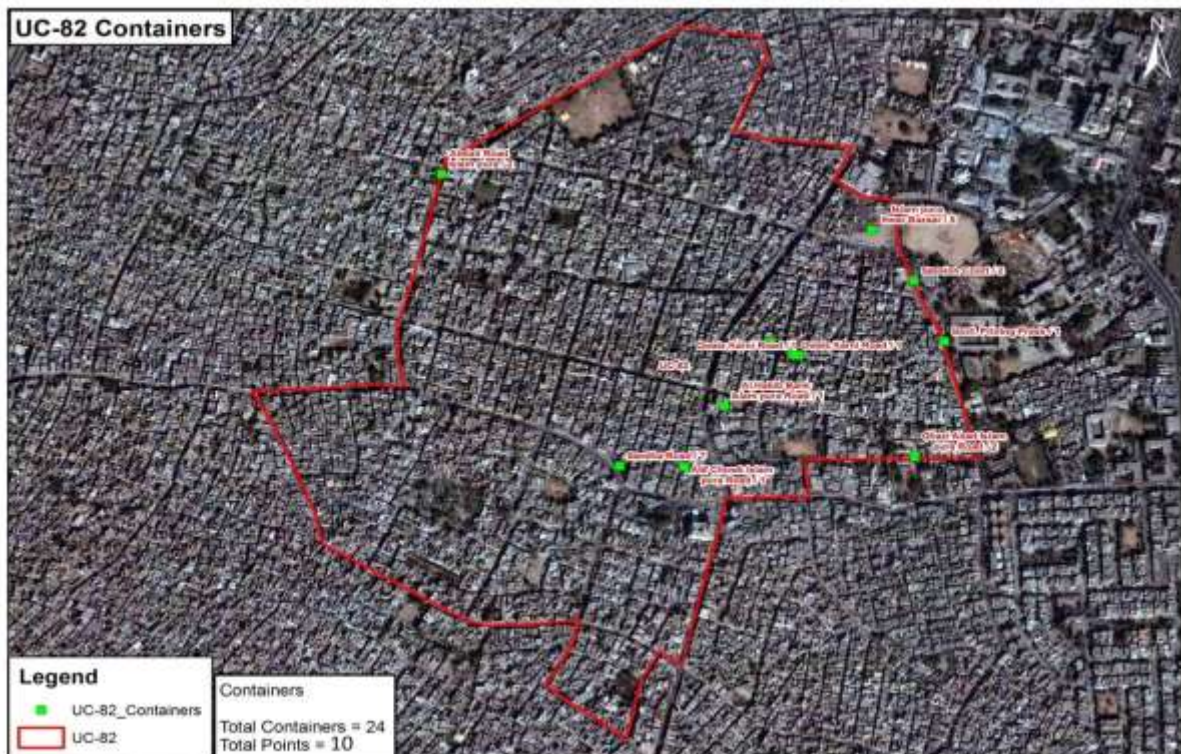


4.4 Location and Points of Containers

Sr. NO.	Location	Numbers
1	Anwar bazar Islampura	5
2	Sanda road	7
3	Atif chowk	1
4	Atif chowk near Habib bank	1
5	Main bazar Islampura	1
6	Owais qarni road	2
7	Ghaziabad krisan nagar	2
8	Naseer ud din road	2
9	Nasseer ud din krisannagar	1
10	Butt point abdali road	2
Total		24

Table: 01.Point of containers UC-82

4.5 Container locations on Map UC 82



Map: 01. Location of Containers



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

Union Council-82	
Day	Areas to Cover
Monday	Ahamd deen park, hakeem street
	eman street, iqbal street
Tuesday	humayon street
	abu bakar road , prem prem street
Wednesday	awais qarni road
	main bazaar islampura
Thursday	kosar road tanga wala chowk
	faisal fall street, madina street, shibli street
Friday	noorani street no 1 and 2 street no 89 street no 89 A
Saturday	Happy road, street no 28 & 29 happy high school

**4.7 Open Plots Pictorial View**




Abu Bakar Road

**5. Manual Sweeping Operation - Second Shift Plan**


**5.2 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.

### 5.3 Solid Waste Collection Operation Details



Compactor Vehicles: C-1056 ( 13m<sup>3</sup> Compactors)




Compactor Waste Collection 2nd Shift: Compactor C-1056 Covers Main Roads and Important Markets Container 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 temporary Waste Disposal Station Outfall Workshop.



Compactor Vehicles: C-1057 ( 13m<sup>3</sup> Compactors)



Compactor Waste Collection 3rd Shift: Compactor C-1057 Covers Main Roads and Important Markets Container Points and Problematic Points covering Union Councils 80, 81, 82, 83, 85 & 86

## 7. Compactor Vehicle Staff Deployment for Union Council 82

In UC-82 there are total five 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 = Pervaiz Chuhan (0315-4866654) Asif Butt (0315-4866658)	Overall Incharge = Ali Rajbi (0315-4533505)	Supervisor = Bholla Maseeh
1st shift	2nd shift	3rd shift

UC	Vehicle No.	Driver Name & Mobile	Vehicle No.	Driver Name & Mobile	Vehicle No.	Driver Name & Mobile
82	1057	Azeem Ashiq (0315-4834851)	1056	Majid Khalil (0301-4242156)	1057	M. Arif (0322-4415804)
	1119	Waris Maseeh (0346-4712981)				

*Table: 02. Conservancy Staff UC-82*

## 8. Door To Door Waste Collection

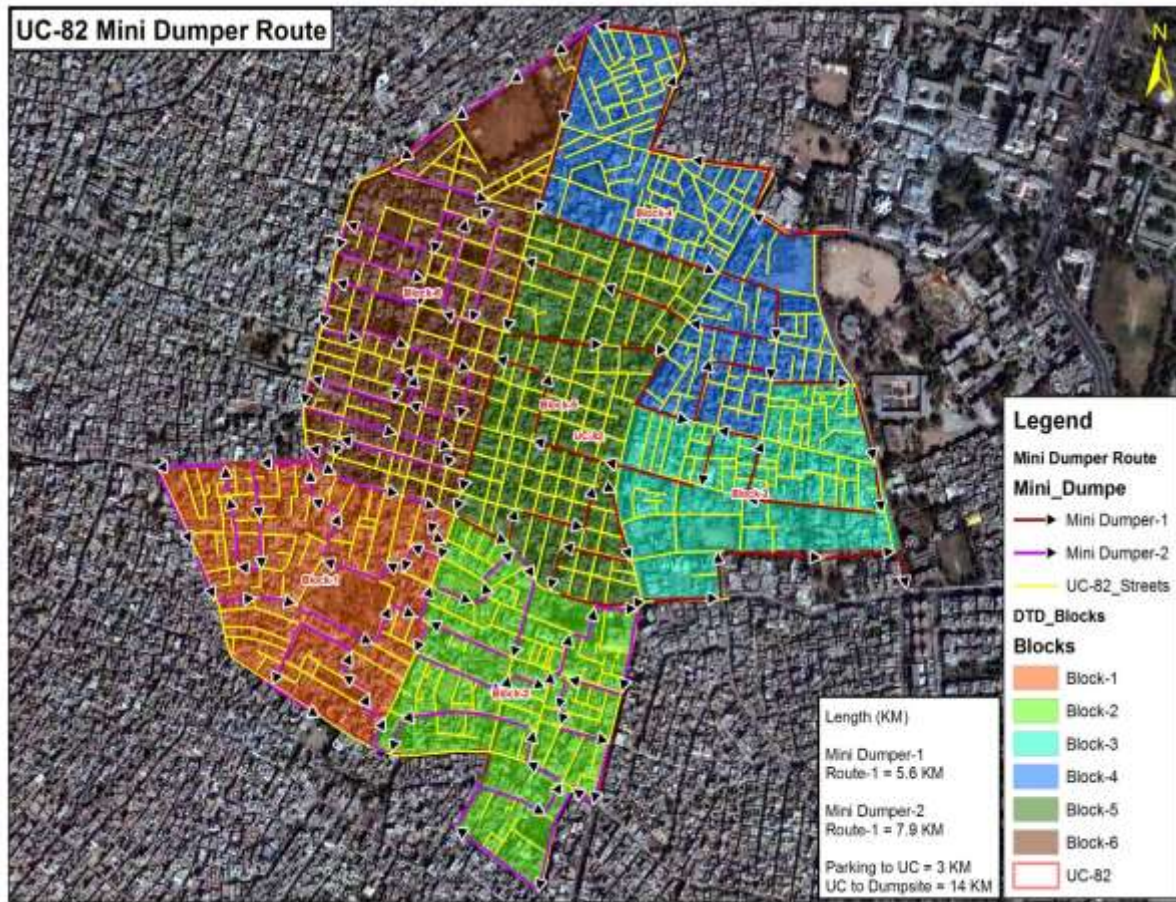
### 8.1 Old System for D-T-D Waste Collection

- ✓ 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 Route Plan for Mini Dumper



Map: 02. Door to door Mini Dumper Route UC-82

### 8.4 Door to Door Collection Details:

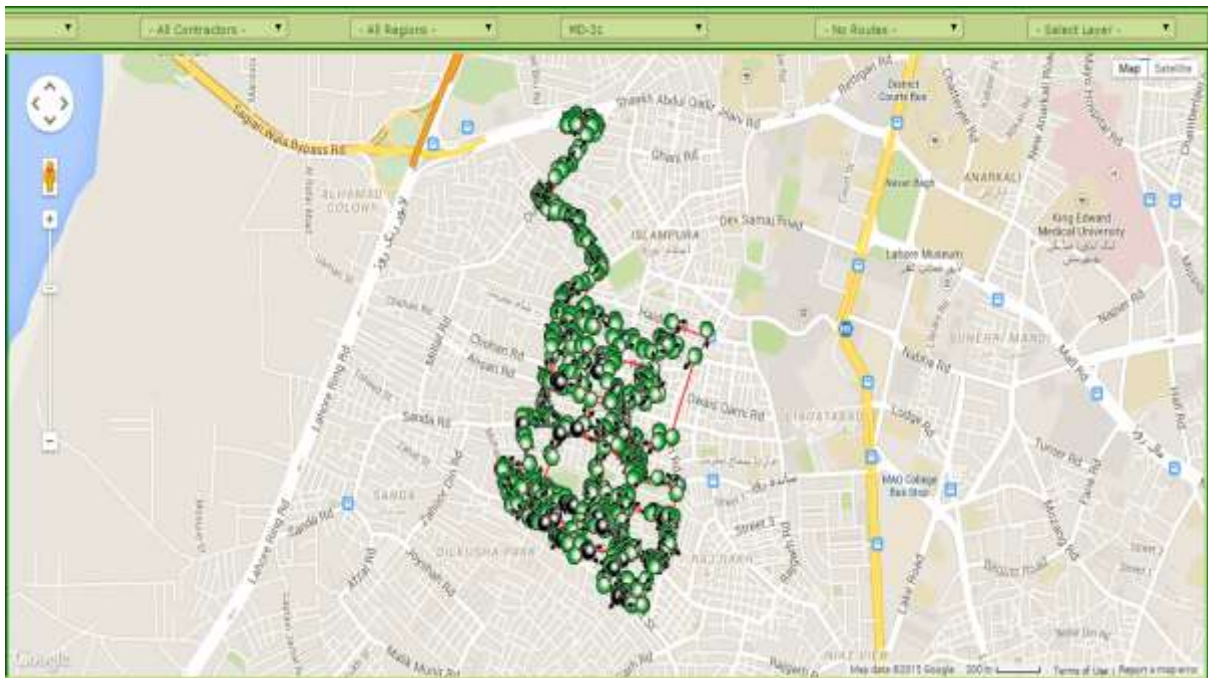
MD-31 is the code of mini dumper which is deployed for UC-82 of Zone-16. It start working in UC from 06:00 am and covered all areas of UC like Atif Chowk, Main Bazaar Ghazia Abad, Soneri Bank Ghazia Abad, Alamgir Road, Ahmad Din Park Islampura, Muhammadi Park, Jinnah Road, National Park, Ahmad Din Park, Kausar Park, Happy Mor, Madina Masjid, Nazish Colony, Kacha Sandha Road, Dhobi Ghaat, Abdaali Road, Umar Park, Saeedi Park, Shama Market, Islampura Sanat Nagar, Noor Park, Main Haider Road, Neeli Bar Chowk, Hakeem Street, Haider Road near City Hall, Awais Qarni Road, Naseer-u-Din Road 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-31

Mini Dumper Driver: Ishfaq Maseeh (0306-4413867) with 1 Helper (Properly Equipped)



### 8.4.2 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
  - Akhri Bus Stop
  - Faisal Fal Sandha Road
  - Takoni Sandha Road
  - Noori Building Islam Pura
  - Neeli bar Chowk
  - Abdali Road, Islam Pura

### *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.
  - Haider Road and Attached Street + Open Heaps
  - Umer Road, Alamgir Road and attached street + Open Heaps
  - Main Bazar Islam Pura + 4 container
  - Sanda Road and attached street + 7 containers
  - Nasir ud Din Road + 1 containers
  - Atwar Bazar + 05 containers
  - Awais Karni Road
  - Nasir ud Din Road, Usman Road, Kosar Road, Harn Road
  - Takoni Road + 07 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.
  - Hamza Street, 107, 108, 109
  - Ghouri Street & Fareed street

- Yousaf Street & Humayon Street
  - Gahlib Street, Hajveri Street and Humayon Street
- ❖ 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 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
- Main Bazar Islam Pura + 4 container
  - Sanda Road and attached street + 7 containers
  - Nasir ud Din Road + 1 containers
  - Atwar Bazar + 05 containers
  - Awais Karni Road
  - Takoni Road + 07 containers
- ❖ 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
- Akhri Bus Stop
  - Faisal Fall, sandha Road
  - Takoni Sandha Road
  - Noori Building Islam Pura
  - Neeli Bar Chowk
  - Abdali Chowk, Islam Pura

## 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