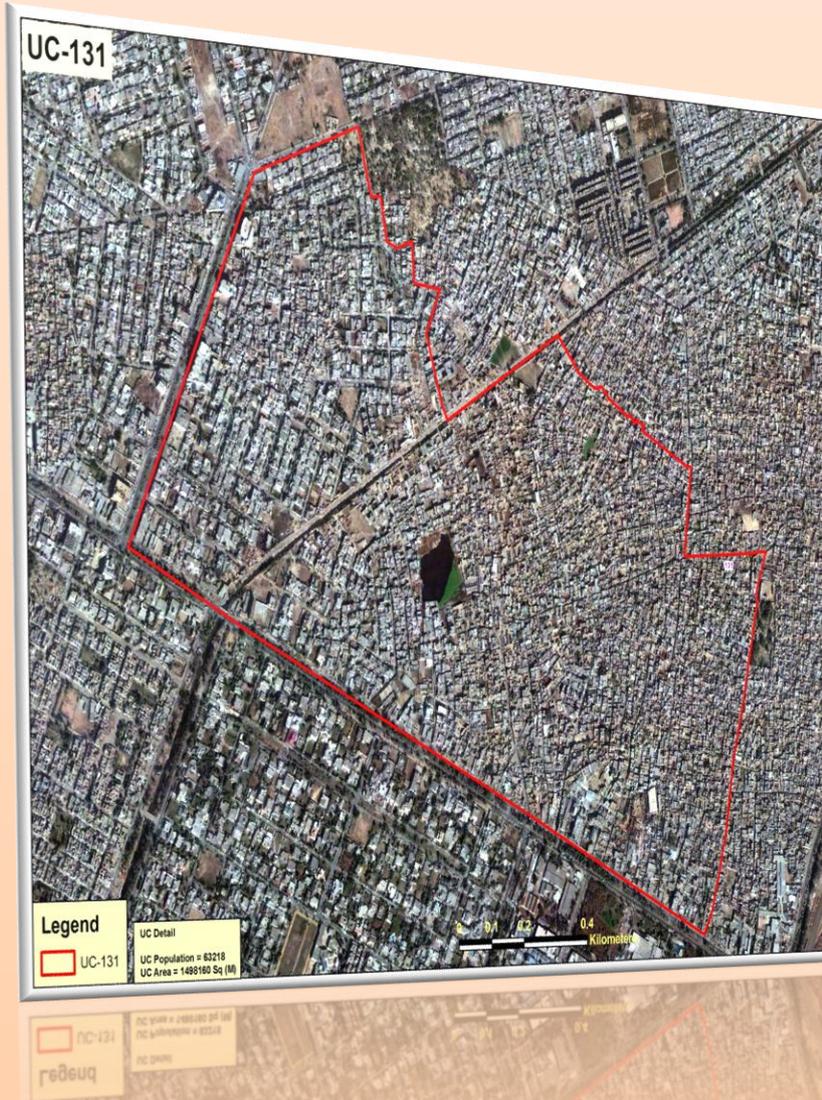


# Özkartallar Campak Joint Venture



## Solid Waste Management Plan for Pind Rajputan (UC-131)

**By:**

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Deputy Manager Operations

**5TH FLOOR, SHAHEEN COMPLEX, EGERTON ROAD,**

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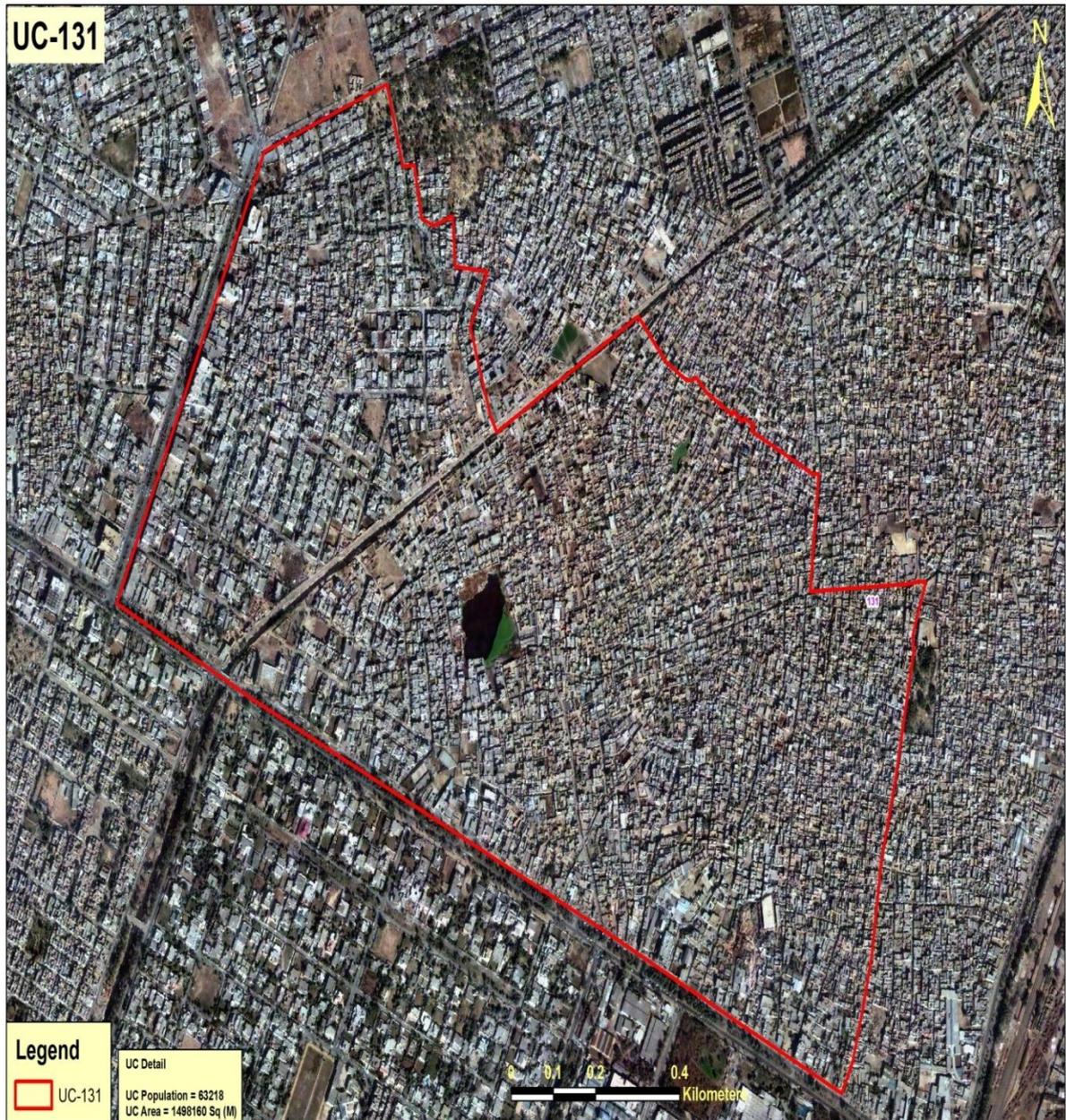
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Özkartallar Campak Joint Venture  
**Map of UC 131 Pind Rajputan**



## 1. Introduction

Union Council – 131 (Pind Rajputan) is located in Gulberg Town. Total area of the UC is 1498160 m<sup>2</sup> with population of 63218. This area is predominantly middle income area with planned settlement.

### Supervisors

Sr. No	Name	Contact No.	Designation
1	Habib	0300-9283679	Coordinator
2	Akhter	0312-4226179	LWMC Supervisor

### *Important Places of Union Council-131*

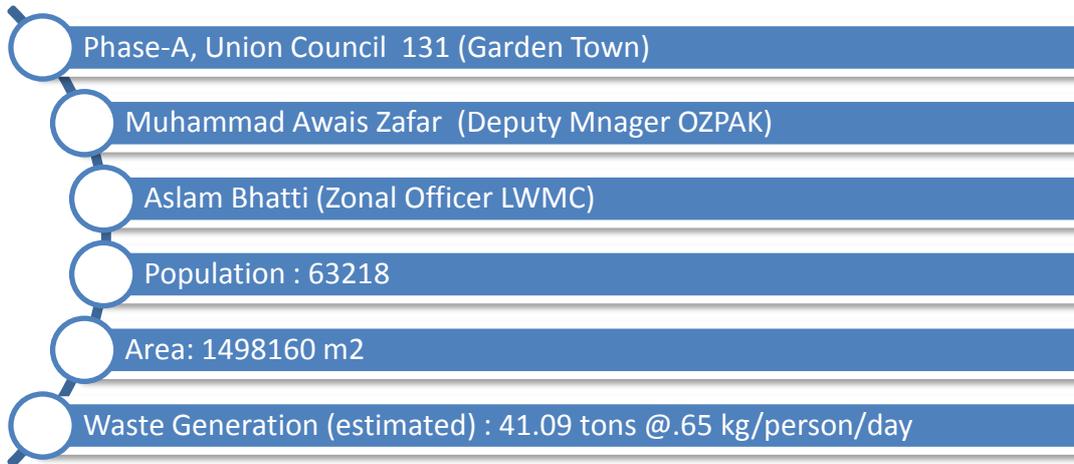
From Sanitation point of view Union Council-131 has important Places like important Road Commercial Markets, Mosque, Imam Bargahs, Graveyard and educational Institute.

Sr.No	Particular
<b>Important Roads</b>	
1	• Model Town, Link Road
2	• Peco Road
<b>Markets</b>	
1	• Main Market, Link Road
2	• Main Bazaar pindi Rajpootan
	• jivnhna market
<b>Mosque</b>	
1	• Hazoori Mosque
	• Jamia Mosque madni
<b>Imam Bargahs</b>	
	Nil
<b>Graveyard</b>	
	NII
<b>Educational Institute</b>	
1	• Jinnah Islamia
2	• Saeed College
3	• GOVT boys High School
4	• GOVT Girls High School

## 2. Solid Waste Generation

Estimated solid waste generation is 41.09 tons per day @ waste generation rate of 0.65 kg/person/day.

## 3. Particulars



## 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:

### 4.1 Operational Activities

#### 4.1.1 1<sup>st</sup> Shift Plan

#### *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.

## Özkartallar Campak Joint Venture



Broom



Hand Cart



Whellie Bin



Shovel



Proper Uniform with PPE's



Waste Bag



Scrapper



Shovel 1



Monsoon SOP's (Long Boots & Rain Coat)

### *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.

## Özkartallar Campak Joint Venture

### Beat List of UC 131:

Name of Worker	Computer#	Beat Name
Shoukat s/o siraj	13282	jinah road + street pindi rajputan
bota s/o bao	13303	containor guard
shedan s/o bagh	13320	kashmeri mohalah liaqatabad
mushtaq s/o bagha	13331	pura aabadi pindi rajputan
salamat s/o daleepa	13332	link road bhatti colony
sarwar s/o khushi	13800	abdul satar park
gulzar s/o rehmat	1054	Regular absent
salamat s/o pyara	6027	Kashmir bazar
hadayat s/o bashir	6628	Aashiq street salamat pura
Nara s/o manha	8820	Babay pindi rajpootan
george s/o jalal	7946	bazar pindi rajputan
anwar s/o shan	9806	incharge 2nd shift
chana s/o darco	6873	ghazi park bilal road
waris s/o amrica	9035	Regular absent
ijaz s/o sohail	22254	Caltex wali street
khadam s/o mana	6616	quaid azam park mohalah younas bhatti
allah rakha s/o hamid	6646	link road model town q block
anayat s/o bota	6703	girls school hazori masjid
allah rakha s/o faqeer	6750	abdul satar park c.n.g wali gali
barkat s/o asso	6875	link road model town ghosia colony
salamats/o makhan	12480	link road bhatti colony
mariam w/o aziz	13143	Habib Home
salamat s/o taj	13304	Mohala Aarian
ilyas s/o nakho	13312	bansoo wala bazar
shoukat s/o bagh	13711	Govt. School Pindi Rajpootan
nazeer s/o bhola	22255	Main Pecco road
sugran w/o allah rakha	22256	abdul satar park
paloos w/o lal	13326	Ali Park
aziz s/o iqbal	13325	main peco road Habib Home
amanwal w/o hameed	13319	madina bazar + government bhatta
arif s/o iqbal	13318	mohalah qasab + street
ashir s/o barkat	22257	Hazar imam bukhari mohalah + street
ruqiya w/o liaqat	28971	C N G Wali gali
yousaf s/o jeyuna	48967	M D 18
abida w/o bashir	8686	Sadiqi nagar
mukhtara w/o yousaf	28967	muhamdi mohalah doctor wai side

### Özkartallar Campak Joint Venture

javed s/o sadiq	826	link road model town + street
nadir s/o sadiq	823	MD-18 Mini Dumper
khalida w/o jozaf	824	ali park nasir street wali gali
saira w/o ishaq	825	purani aabadi pindi rajputan chaki wali gali
perveen w/o mukhtar	827	salamat pura liaqatabad
hassan s/o dhara	834	waseem park pindi rajputan
zarena w/o sadiq	837	salamat pura rana fazal wali street
rani w/o nazeer	839	sagyan wali street pindi rajputan
Shoukat s/o Shafi	829	main bazar pindi rajputan
Irfan s/o yaqoob	832	Honda Mor pecco mor
samena w/o nayamat	828	quaid-e-azam park moti masjid wali gali
rashidan w/o nayamat	838	quai-e-azam park moti masjid wali gali
Shafaqat s/o Shoukat	833	pindi rajputan wali galyan
nasreen w/o amanwal	830	gujar mohalah pindi rajputan
Javed s/o Shangora	835	kashmir bazar liaqatabad
Bashira bibi	831	Hazori masjid pindi Rajpootan
Muzafar s/o allahrakha	836	Compactor
Qaiser s/o Pervaiz	7405	1126 Compactor
Shakeel shafi	9659	Compactor

### Manual Sweeping Operation Details



### 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 Valencia Workshop.

- ✓ Total 54 waste containers are in place in Union Council at 28 different Points.
- ✓ Total waste storage capacity in 54 containers is 15.5 tons in two time lifting.
- ✓ Three Compactors are deployed for waste collection in Union Council. Compactor has two helpers equipped with all necessary operational tools and PPE's (Personal protective equipment's).

## Özkartallar Campak Joint Venture

- ✓ 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



Broom



Shovel 1



Waste Bag

## Pictorial View of Vehicles & Operational Equipment's for Helpers

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



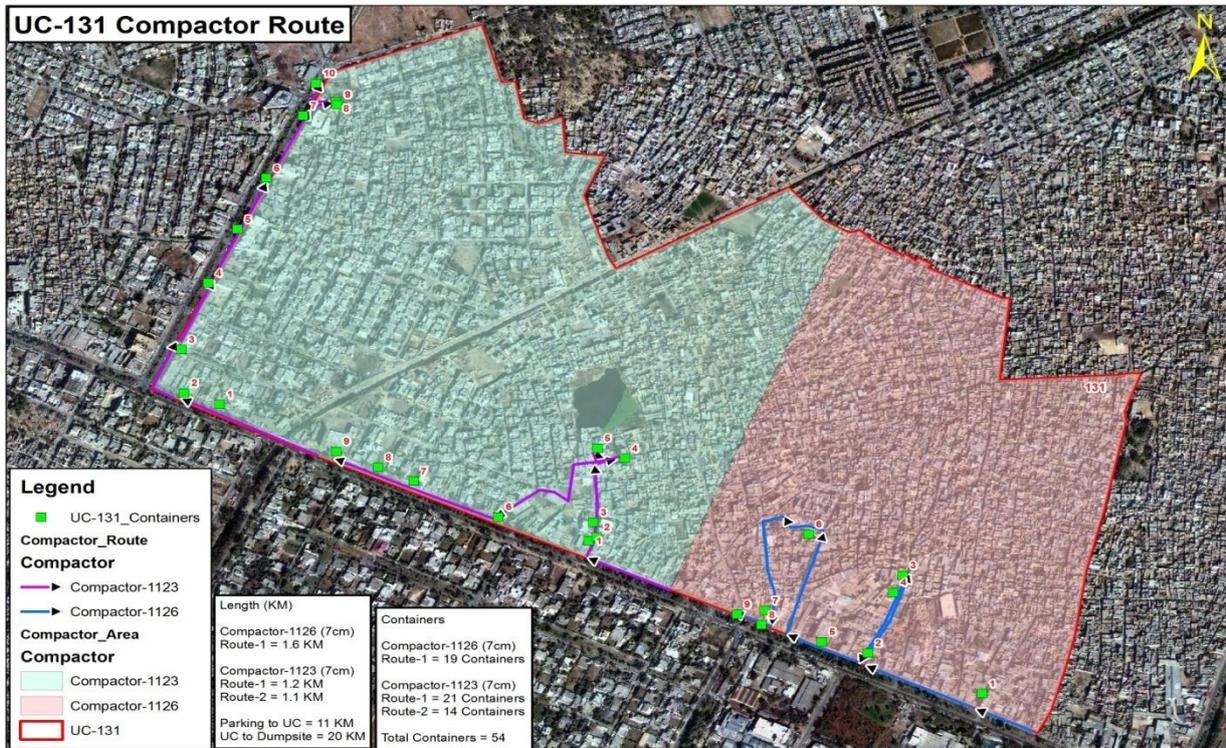
### Compactor Vehicles Waste collection

07m<sup>3</sup> Compactors make 2-3 trips in 1<sup>st</sup> Shift to Workshop after lifting all Waste containers and Waste Heaps in its route. Approximately it lifts 9000-10000 kg waste in one trip.

## Özkartallar Campak Joint Venture Location and Points of Containers



### Compactor Route:



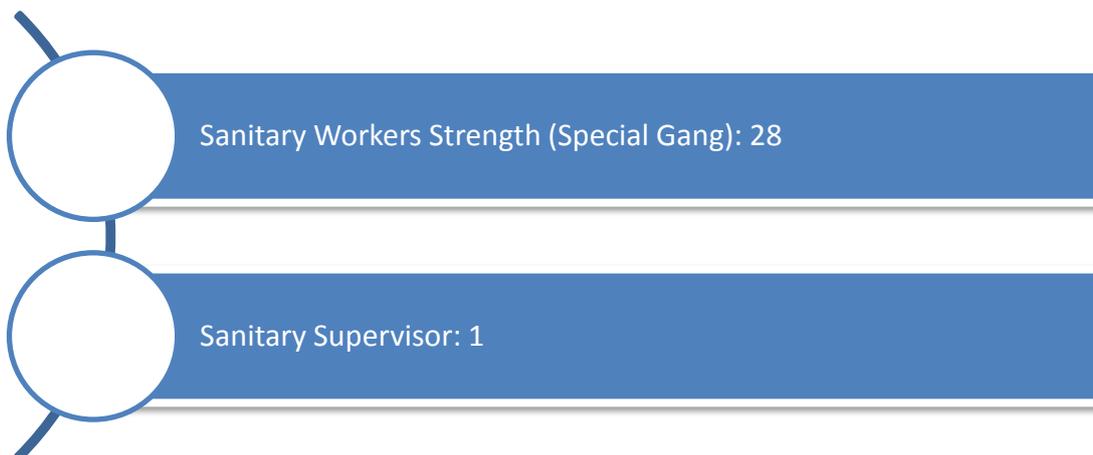
## 4.2 2<sup>nd</sup> Shift Plan

### Manual Sweeping Operation

Manual sweeping of the Main roads, important markets, 1139 complaints and PMS Complaints and to co-ordinate compactors and ensure containers collections done with Special Gang (Group of Sanitary Workers) equipped with all necessary operational tools and PPE's (Personal protective equipment's)

- ✓ 2<sup>nd</sup> shift gang is the disposal of Zonal Officer of Lahore Waste Management Company.
- ✓ Manual sweeping in 2nd shift with Special Gang is carried out from 2PM to 10PM.
- ✓ Personal protective equipment's include Proper uniform, Gloves, Mask, Proper Shoes, Long Boots and Rain Coat in case of monsoon Season.
- ✓ Operational Requirement for Special Gang includes Broom, Shovel, Wheelie Bin, Waste Bags, and Scrapper.

### Manual Sweeping Operation Details



### 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 Valencia Workshop.

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



## 5 Compactor Vehicle Staff Deployment for Union Council

Conservancy Supervisor = Rizwan(0324-4094234)			Supervisor =Ali (0301-5550621)		
1st shift			2nd shift		
UC	Vehicle No.	Driver Name & Mobile	UC	Vehicle No.	Driver Name & Mobile
131	1123	Shahid Sardar (0321-7505654)	130 & 131	1073	Muhammad Masood (0304-0578832)
	1126	Qasim (0332-4387851)			

## 6 Door To Door Waste Collection

### 6.1 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 70%-80% of the UC area for the purpose of door to door waste collection and the 20%-30% 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.

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

- ✓ Our Mini Dumper Door to Door Waste Collection System was working with 70-80 % 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.

#### *Door to Door Collection Details*

We have deployed Mini Dumper in each union council i.e. MD-12 in UC-131. Mini Dumper is currently working with OZPAK JINGLE and achieving 100% efficiency, collecting Door to Door waste from all over the union council.

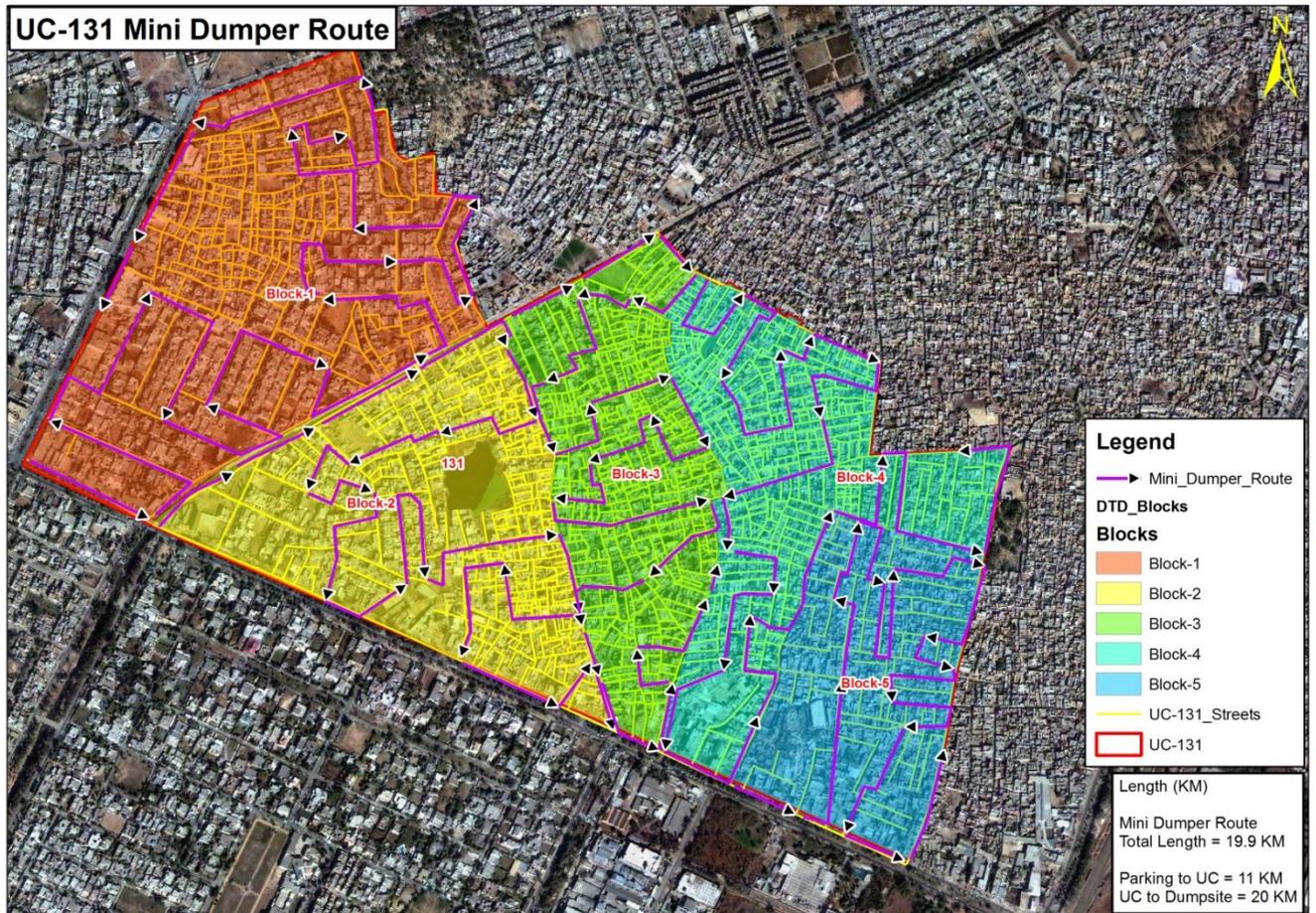


Mini Dumper: MD-18



Mini Dumper Muhammad Ashraf (0305-4757813) with 1 Helper (Properly Equipped)

### Mini Dumper route map



## 7 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.