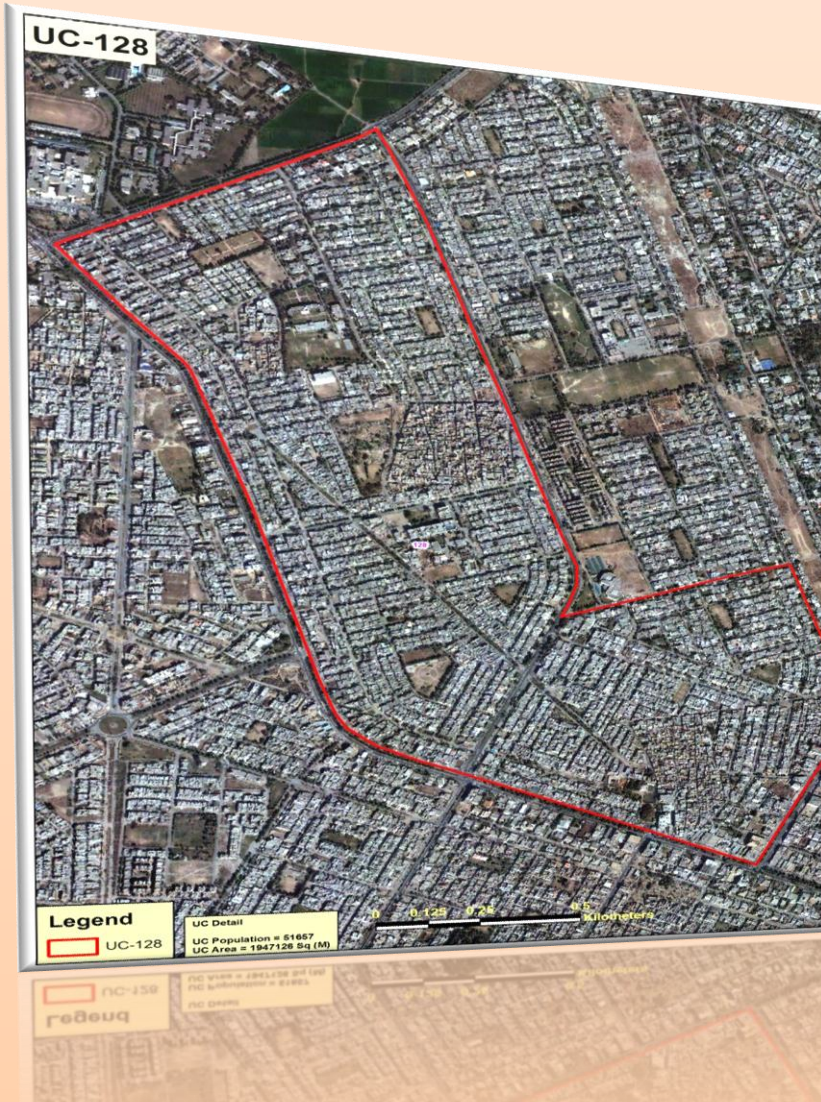


Özkartallar Campak Joint Venture



Solid Waste Management Plan for Faisal Town (UC-128)

By:

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Deputy Manager Operations

5TH FLOOR, SHAHEEN COMPLEX, EGERTON ROAD,

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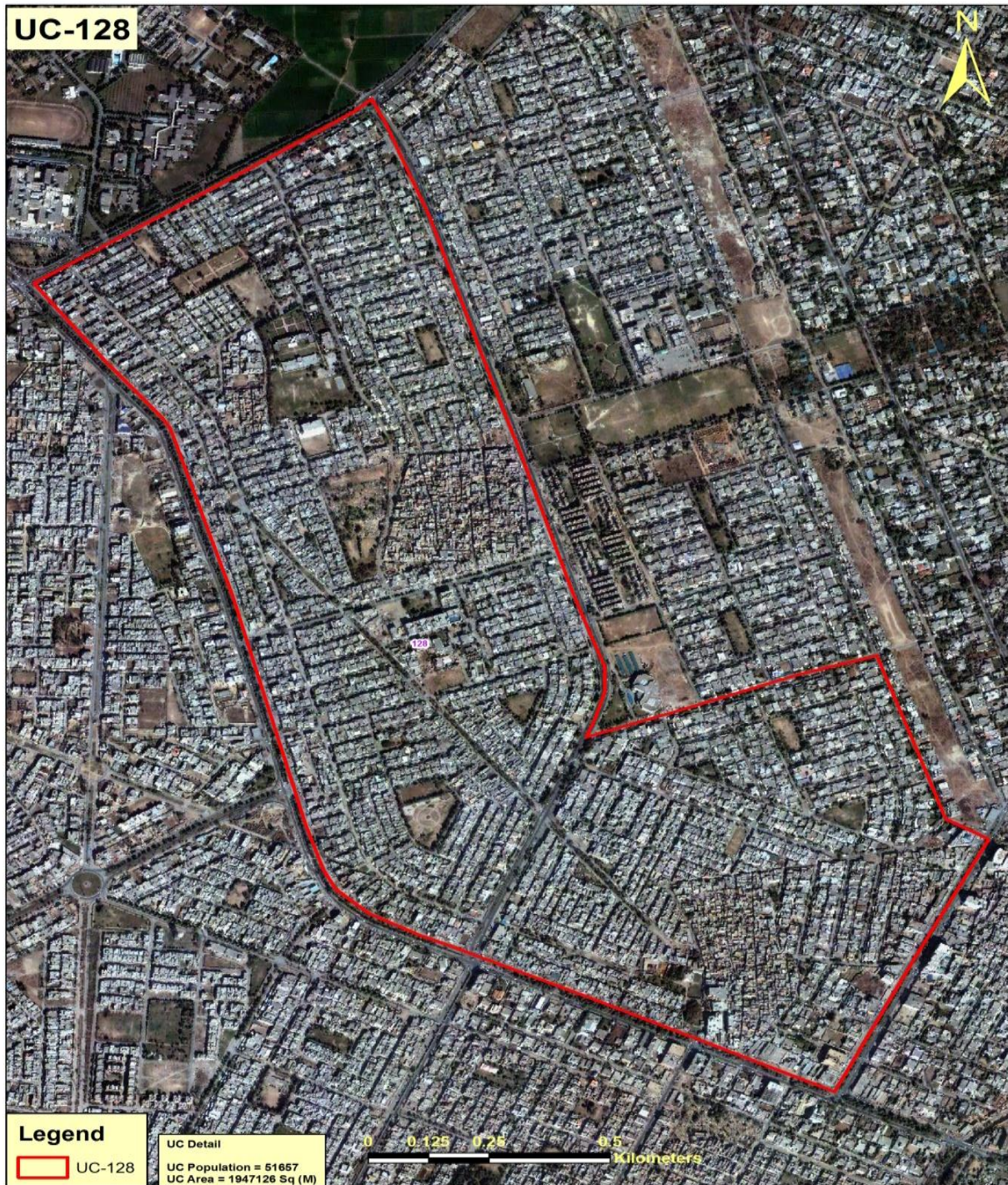
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Map of UC 128 Faisal Town



1. Introduction

Union Council – 128 (Faisal Town) is located in Gulberg Town. Total area of the UC is 1947126 m² with population of 51657. This area is predominantly middle income area with planned settlement.

Supervisors

Sr. No	Name	Contact No.	Designation
1	Asif	0324-6942958	Coordinator
2	Bilal	0321-8847596	Coordinator
3	Asghar	0300-8058039	LWMC Supervisor

Important Places of Union Council-129

From Sanitation point of view Union Council-128 has important Places like important Road Commercial Markets, Mosque, Imam Bargahs, Graveyard and educational Institute.

Sr.No	Particular
Important Roads	
1	• Moulana Shoukat Ali road
2	• Faisal town Road
3	• Pecco Road
4	• Model Town Link Road
5	• Jinnah Road
Markets	
1	• Main Market Model Town
2	• D- Block Market
3	• Moon Market
4	•
Mosque	
1	• Noor Mosque
2	• Madina Mosque
3	• Rehman Mosque
4	• Noor UL Huda Mosque
Imam Bargahs	
1	• Ali Imam Bargah
Graveyard	
1	• Kotha Pind Graveyard
Educational Institute	
1	• Fast University
2	• M.Q Foundation School
3	• LGS School
4	• Sent Enthny public school

Model Town Link Road



2. Solid Waste Generation

Estimated solid waste generation is 42.16 tons per day @ waste generation rate of 0.65 kg/person/day.

3. Particulars

Phase-A, Union Council 128 (Faisal Town)
Muhammad Awais Zafar (Deputy Manger OZPAK)
Aslam Bhatti (Zonal Officer LWMC)
Population : 51567
Area: 1947126 m ² (Middle Income)
Waste Generation (estimated) : 33.51 tons @.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:

4.1 Operational Activities

4.1.1 1st 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.



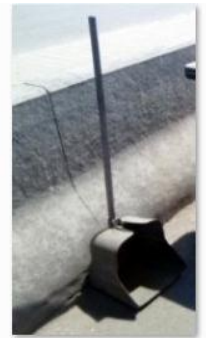
Broom



Hand Cart



Whellie Bin



Shovel



Proper Uniform with PPE's



Waste Bag



Scrapper



Shovel 1



Monsoon SOP's (Long Boots & Rain Coat)

Özkartallar Campak Joint Venture

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 1stShift, 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.

Beat List of UC 128

Name of Worker	Computer#	Beat Name
Arshad s/o lal	13554	Baildar
saleem s/o taj	13565	Yousaf abad
hameed s/o	13642	molana shokat ali road
sadiq s/o daleep	13417	-
arif s/o ashiq	13640	moon markit green belt
pitras s/o lal	13548	pecco road
rasheed s/o sadique	7974	baildar
amanat s/o rehmat	7972	kotha pind gali no 3,4
roban s/o aslam	10390	faisal town road
mariam s/o rafique	13067	kotha pind qabristan road
sugran s/o hadayat	8149	d block link street
perveen s/o arshad	7971	c block geen deli
jamila w/o aslam	13581	c block markit link street
shar s/o sadiq	7048	jinah road link street
dilawar s/o bashir	7062	Faisal Town road
jawad s/o chana	13465	street no 5 Kotha Pind
anwar s/o abdul majid	7067	mochi pura main bazar link street
safdar s/o ilyas	13563	faisal town road kotha pind link streets
sharief s/o jeona	8147	model town link road
ashraf s/o sadiq	25597	Incharge
munir s/o chanan	28356	Moulana Shoukat Ali Road
imran s/o khairat	7970	d block yasir broast road
aslam s/o bota	28336	Faisal Town road link C-1 Street
Shoukat s/o Rasheed	7066	faisal town road gourmet
rafiq s/o sardar	13372	ijaz park
razia w/o pervaiz	13577	d block market link street
bashir s/o mohin	10552	mochi pura link street
khairat s/o sajan	7962	mochi pura link street
shama w/o anwar	26658	fast college road
samina d/o lal	26660	moon market green belt
lal s/o siraj	26325	Incharge 3rd shift
Razia s/o anayat	6666	D-Block Market link road
M.Javaid s/o mansha	13569	compactor

Özkartallar Campak Joint Venture

Rani w/o Yousaf	770	c block green belt
nargis s/o aslam	771	171-D block road
farooq s/o robar	775	molana shokat ali road
rehana s/o indriyar	777	d block markit link street
imtiaaz s/o hadayat	778	compactor
saim s/o amanat	779	compactor
munir s/o shafi	780	Mini dumper
Juma s/o Jodu	783	D-Block Street
Sohail s/o lal	784	mini damper
Rehmat s/o Barkat	785	link road mochi pura street
amanwal s/o anayat	786	jinnah road
Barkat s/o mola	773	kotha pind qabristan road
Allah dita s/o illyas	774	link road
Amanat s/o yousaf	781	Street kotha pind link road
M.Sadiq s/o M.Ramzan	769	moon markit green belt
shahbaz s/o Anayat	772	D-block link road
Asif s/o mola	776	Khair-ul-nisa park
waqar s/o shokat	782	compactor
Abdul Razzaq s/o M.Baqsh	299253	Moon Market
Amir s/o Yousaf	27740	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 53 waste containers are in place in Union Council at 34 different Points.
- ✓ Total waste storage capacity in 53 containers is 13.25 tons in two time lifting.

Özkartallar Campak Joint Venture

- ✓ Two 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).
- ✓ 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



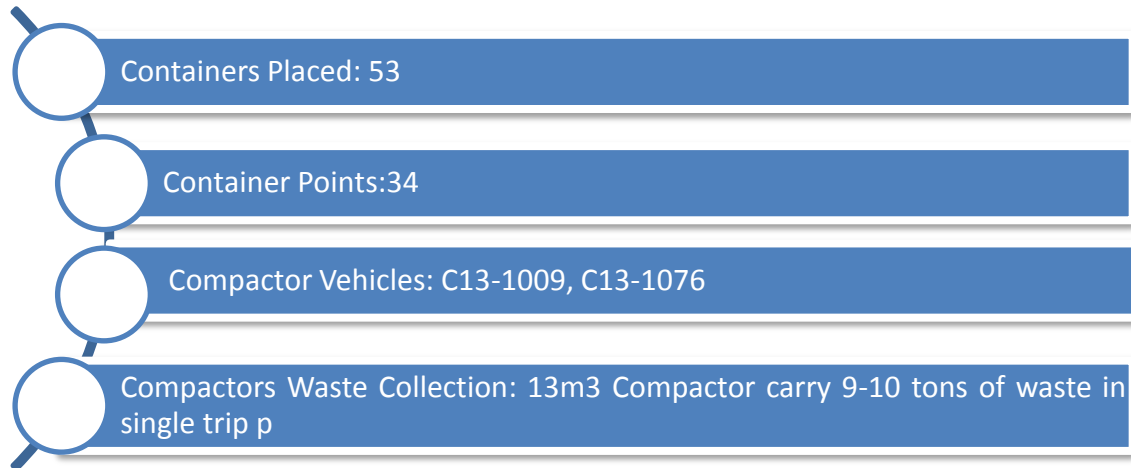
Shovel 1



Waste Bag

Pictorial View of Vehicles & Operational Equipment's for Helpers

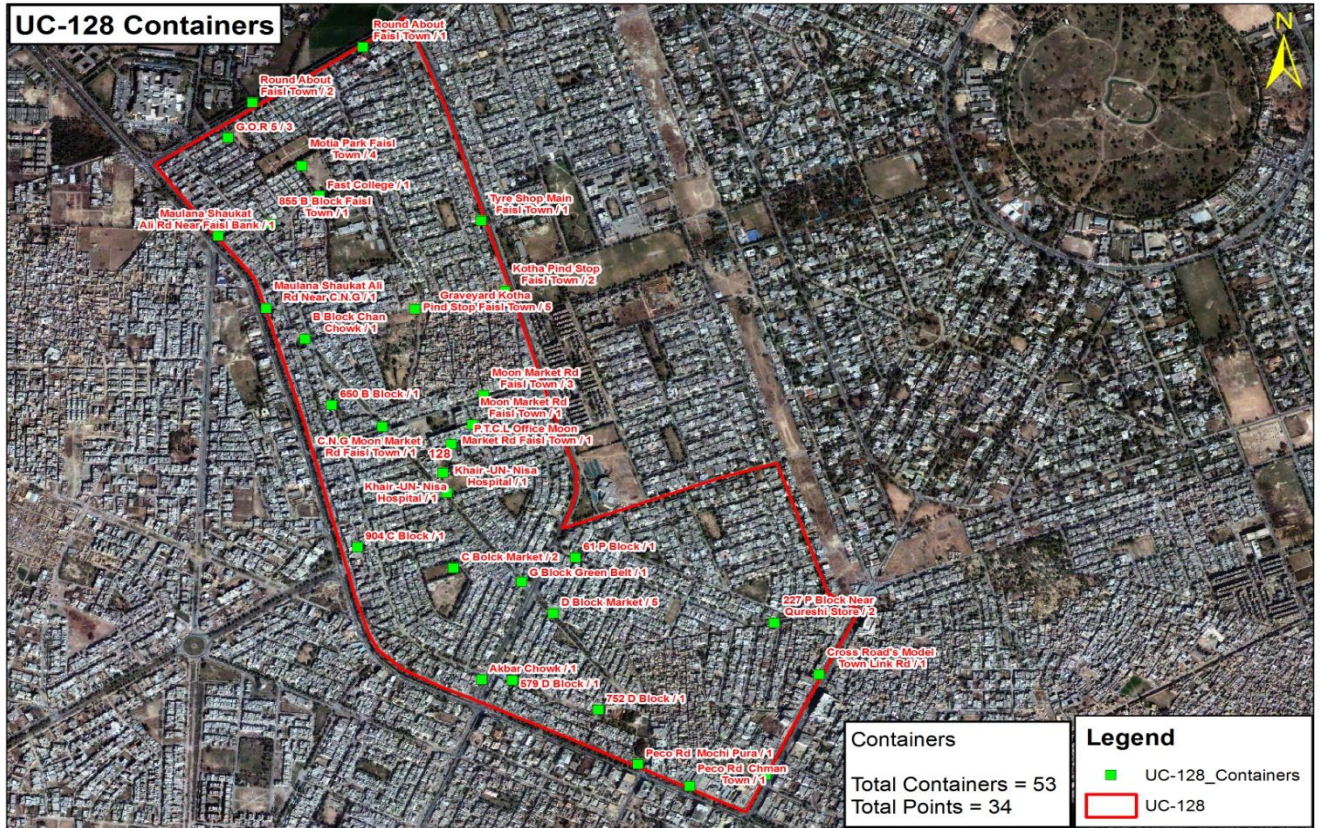
Solid Waste Collection Operation (Container Collection) Details



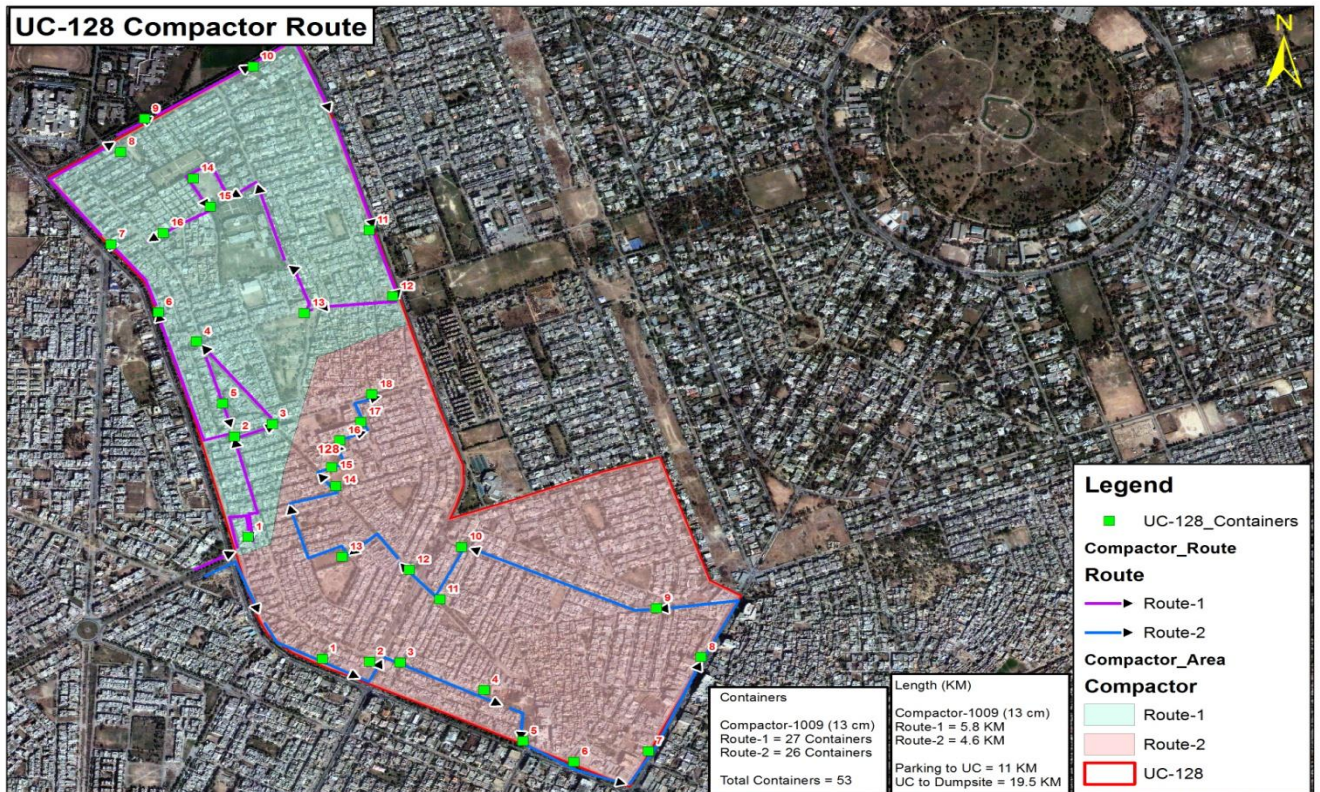
Compactor Vehicles Waste collection

13m³ Compactors make one trips in 1st Shift to Dumping 07m³ make 2-3 trips in 1st shift depend on waste condition in UC after lifting all Waste containers and Waste Heaps in its route.

Özkartallar Campak Joint Venture Location and Points of Containers



Compactor route:



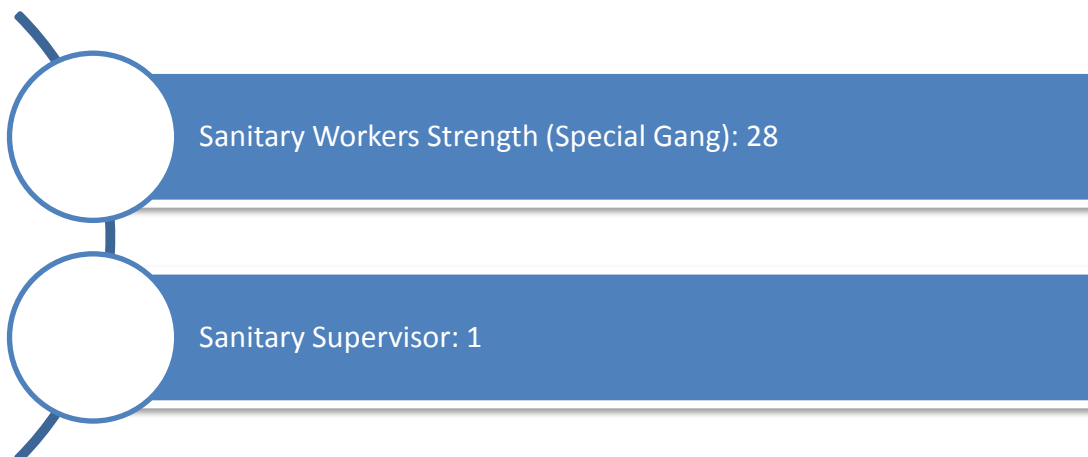
4.2 2nd Shift Plan

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)

- ✓ 2nd 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
128	1076	Suleman (0301-3663443)	128	1030	Akram Ali 0307-4799566)
	1009	Mumtaz (0306-7078535)		1068	Mehtab (0302-4687966)

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-27 in UC-128. Mini Dumper is currently working with OZPAK JINGLE and achieving 100% efficiency, collecting Door to Door waste from all over the union council.

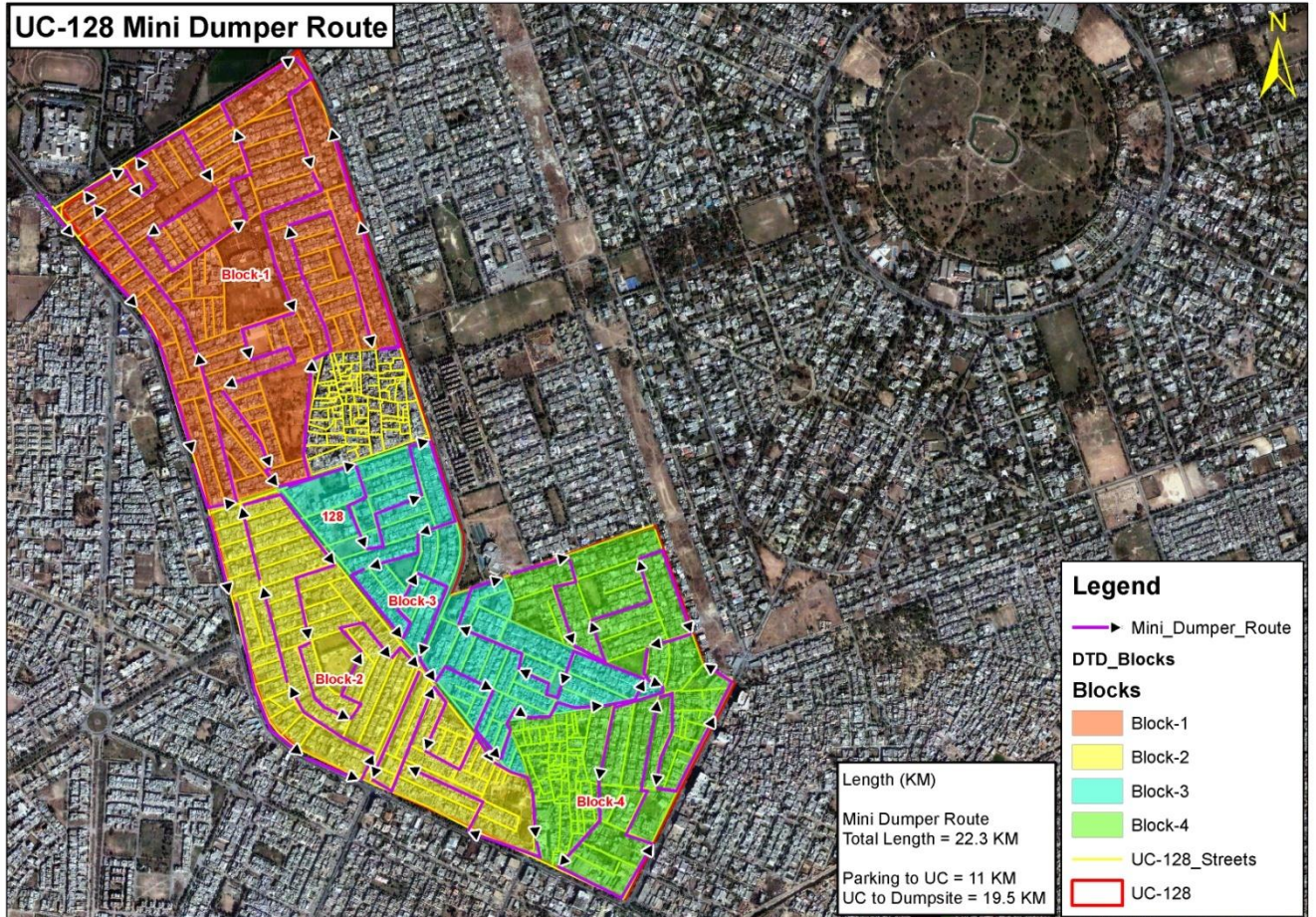


Mini Dumper: MD-27



Mini Dumper Driver Aslam (0304-479653) with 1 Helper (Properly Equipped)

Mini Dumper route map



7 Problematic Point:

Kotha Pind



Compute College



8 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