

# VALENCIA WORKSHOP



# 2015

## Solid Waste Management Plan for Keer Kalan (UC-138)



BY:

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DEPUTY MANAGER

OPERATION

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## Özkartallar Campak Joint Venture

### 1. Facts

SR.N	Description	
1	Phase	C
2	UC	138 –Keer Kalan
3	Deputy Manager	Muhammad Usman Tariq
4	UC-Coordinator	Ifran
5	Zonal Officer LWMC	Osama
6	Population	57676
7	UC Area	1153894 m <sup>2</sup> (middle income)
8	Waste Generation (estimated)	37.59 kg/person/day

### 2. Operational Arrangements / Resources Deployed

#### 2.1 1<sup>st</sup> Shift Arrangement – 6 AM to 2 PM

<b>Manual Sweeping</b>		
Sanitary Supervisors	1	
Sanitary Workers	43	
Wheelie Bins	12	
Hand Carts	8	
<b>Containers Collection</b>		
Containers Placed	72	
Containers Points	31	
Compactors	C-1079	1 trip, approx. 10 tons
Drivers	1	
Helpers	2	
<b>D-T-D Collection</b>		
Mini Dumpers – Suzuki Pickup	1	
Driver	1	MD-63
Helper	1	
<b>Note:</b> Compactor also collecting waste if waste bags found on road or in front of home or shop		



### 3 Introduction

Union Council – 138 (Keer Kalan) is located in Nishtar Town. Total area of the UC is 1153894 m<sup>2</sup> with population of 57676. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 138 Keer Kalan



### 4 Solid Waste Generation

Estimated solid waste generation is 37.59 tons per day @ waste generation rate of 0.65 kg/person/day.

### 5 Major Roads

- Bagrian Road
- Darbar Road
- Nalay wala road
- Pagal khany wala Road
- Madr-e-Millat Road

**6 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:

**7 Street Sweeping and Waste Collection by Sanitary Workers**

**7.1 Sweeping Plan**

- Workers will be deployed on Main roads and linked streets after Android attendance.
- Main Road and linked streets will be clear till 8:30 am.
- Beats will be assigned to workers which will be cleared till 10:00 am
- After 11:00 am workers will work in Groups to cover the unattended areas.

**7.2 Beat List**

<b>UC 138 WORKER'S BEET LIST</b>		
<b>S.N</b>	<b>WORKER'S NAME</b>	<b>DESGINATED AREA</b>
1	AMANAT S/O HAZAR	MAIN BAZAR UMER CHOWK
2	BOHAR S/O MAKHAN	RANA ROAD SOCIAL WELFARE WALA POINT
3	GAMMA W/O BOHAR	RANA ROAD SOCIAL WELFARE WALA POINT
4	NAZIR S/O SADHO	CONTAINER GUARD UNION CONSLE 138
5	AZRA W/O ARIF	NALA ROAD PULI STOP PAR
6	SARWAR S/O NAWAB	KAIR KALAN MAIN BAZAR
7	HAMEED S/O RAHMAT	4-D-2 BAILDAD MAN
8	RIAZ S/O BARKAT	MADR-E-MILLAT ROAD PAR
9	SALAMAT S/O DHAARA	MADR-E-MILLAT ROAD PAR
10	ARSHAD S/O SALAKAN	CHORAS TANKI ROAD PAR
11	WARIS S/O HAMEED	ACCORDING TO NEED HE PLAY HIS DUTY IN THIS AREA
12	TARIQ S/O TAIJO	ACCORDING TO NEED HE PLAY HIS DUTY IN THIS AREA
13	YOUNAS S/O WASON	KERAN PIND
14	SARDAR S/O AMAM DIN	MADR-E-MILLAT ROAD PAR
15	KARAMAT S/O SOBA	NALA ROAD PULI STOP PAR
16	MULTANI S/O KUSHI	1ST SHIFT UC COMPACTOR
17	NADEEM S/O LAL MASIH	BHAGRIYAN ROAD
18	ARIF S/O SADIQ	BHAGRIYAN ROAD
19	HALEMA W/O BASHIR	KAIR KALAN MAIN BAZAR
20	IJAZ S/O ANAYAT	SALEEM WORKER SUPERVISOR KERAN PIND

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21	SHEMON S/O SOHAN	MADR-E-MILLAT ROAD PAR
22	RAZAQ S/O JATTA MASIH	MADR-E-MILLAT ROAD PAR
23	HANIF S/O SHAB	MUHAMMADI MARKET 4-D-2
24	MARYAM W/O AMIR	5-D-2 MAIN MARKET
25	AMIR S/O TEJU	5-D-2 MAIN MARKET
26	ARIF S/O TEJU	PURANA BANK STOP
27	SHOUKAT S/O NIYAMAT	BHAGRIYAN ROAD
28	LIAQAT S/O HAMEED	NOMI ROAD
29	IRSHA S/O SHUKAT	4-D-I BLOCK
30	RANI W/O ARSHAD	DEEN CONSLER 1-DI
31	KALSOM W/O BARKAT	ITWAR BAZAR ROAD
32	RIAZ S/O AMANAT	MAIN BAZAR UMER CHOWK
33	VEENAS W/O KARAMAT	NALA ROAD PULI STOP PAR
34	TARIQ S/O BARKAT	TEMPARORY SUPERVISOR
35	SAKINA W/O NAZAR	UC OFFICE FRONT OF 138
36	SHEHNAZ W/O BOOTA	PIPE STOP MAIN BAZAR 5-D-I
37	ASIF S/O TEJU	ABSENT
38	SADIQQUE S/O SOHAN	PULI STOP TO LAKER STOP
39	NAZIR S/O MANGAL	KARACHI PLAZA
40	ASLAM S/O BOTA	2ND TIME UC COMPACTOR
41	MUHAMMAD BHATTI S/O IMAM DIN	DARBAR ROAD
42	VICKRAM JAAN NAZIR	DARBAR ROAD
43	SHEHNAZ W/O ARIF	2-D-I MASJID STOP

## 8 Solid Waste Storage

### 8.1 Waste Storage Facility

- Currently 72 waste storage containers are placed at 31 different points.
- Storage capacity is 10 tons in one time lifting
- Lifting is operational in 3 time.

### 8.2 Points of Containers

<b>Zone 25 Container list UC-138</b>		
<b>Sr.No</b>	<b>Container Location</b>	<b>No. of Containers</b>
1	Riaz Chowk	1
2	Masjid Stop	1
3	Masjid Stop Chowk	3
4	Umer Chowk	1
5	Qabrastan	2

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6	Chouras Tanki	3
7	Qabrastan backside	6
8	Bilal Masjid	2
9	Tire Wali Gali	1
10	Daftar UC	5
11	Khan Chowk	2
12	Pully Stop nala road	1
13	Pully Stop main road	1
14	Pully Stop	1
15	Marhaba Factory front	1
16	Karachi Plaza	1
17	Karachi Plaza Andar	4
18	Keer Kalaan Pind	1
19	Billa Jutt	1
20	Service Road Madre Millat	1

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21	Chips factory	3
22	Pipe Stop	1
23	Darbar Road	1
24	Sabka Nazim Keer Kalan	3
25	Irshad Bibi ka ilaqa	1
26	Keer Kalan School	5
27	Molvi Maqbool	2
28	Govt college Dipo stop	1
29	Rana Safdar Chowk	2
30	Rana Road	2
31	Social welfare ground	12
	<b>Total</b>	<b>72</b>

### 9 Existing Point of Containers

MAP add

### 10 Solid Waste Collection & Transportation

#### 10.1 Route for Compactor



# Özkartallar Campak Joint Venture



**10.2 Staff Deployment for Compactor Vehicle**

<b>Compactors Zone-25</b>									
<b>Overall Incharge = Usman Tariq (0334-9878525)</b>									
<b>Shift Supervisor = ()</b>				<b>Shift Supervisor = ()</b>			<b>Shift Supervisor = ()</b>		
<b>1st shift</b>				<b>2nd shift</b>			<b>3rd shift</b>		
<b>UC</b>	<b>Vehicle No.</b>	<b>Driver Name &amp; Mobile</b>	<b>Name of Helpers</b>	<b>Vehicle No.</b>	<b>Driver Name &amp; Mobile</b>	<b>Name of Helpers</b>	<b>Vehicle No.</b>	<b>Driver Name &amp; Mobile</b>	<b>Name of Helpers</b>
138	1079	Allah Buksh (0321-4882124)	Hanif Farid	1069	Saleem Masih (0311-4247847)	David Younas			
			Vicky Inayat			Gulzar Manna			

**11 Door To Door Waste Collection**

**11.1 System for D-T-D Waste Collection**

- 1 Pickup for door to door waste collection
- 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

## Özcartallar Campak Joint Venture

Block	Major Areas/ Mohalla's	Timing
<b>Block 1</b>	umar chowk block no 1 D1, Raiz chowk block no 2-D1, Keer Kalan block no 3-D1	6:00 am to 8:00 am
<b>Block 2</b>	Rana road block no 4-D1, Madar-e-milat road Depo stop to pulli stop, Pulli stop Darbar road block 5-D1	8:00 am to 10:00 am
<b>Block 3</b>	Gadi chowk block no 5-D2, Khan chowk block no 4-D2, Pulli stop to Darbar road	10:00 am to 11:00 am
<b>Block 4</b>	Uami chowk main bazaar, choris tinki main bazaar, Nala road main	11:00 am to 12:30 pm
<b>Block 5</b>	Keer kalan main bazaar, Muhammdi Market, Purana pind, Atwar bazar	12:30 pm to 2:00 pm

### 12 Door to Door Route



**13 Problematic points**

- Keer Kalan School
- Pagal Khana
- Masjid Albilal Ghosia
- 5D1
- Qabristan wala Point
- Poley Stop

**14 Major Issues**

- Animal Dung in 5D1.
- Green Waste
- Donkey Carts attack
- Illiteracy