

VALENCIA WORKSHOP



2015

Solid Waste Management Plan for Haloki (UC-144)



BY:

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DEPUTY MANAGER

OPERATION

ÖZKARTALLAR CAMPAK JOINT VENTURE

**Solid Waste
Management Plan for
Haloki (UC-144)**

2015

By:

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Deputy Project Executer*

5TH FLOOR, SHAHEEN COMPLEX, EGERTON ROAD, LAHORE

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Özkartallar Campak Joint Venture

1. Facts

SR.N	Description	
1	Phase	D
2	UC	144 – Haloki
3	Area Manager / Shef OZPak	Muhammad Usman Tariq
4	Zonal Officer LWMC	Osama
5	Population	65069
6	UC Area	63292900 m ² (middle income)
7	Waste Generation (estimated)	42.3 kg/person/day

2. Operational Arrangements / Resources Deployed

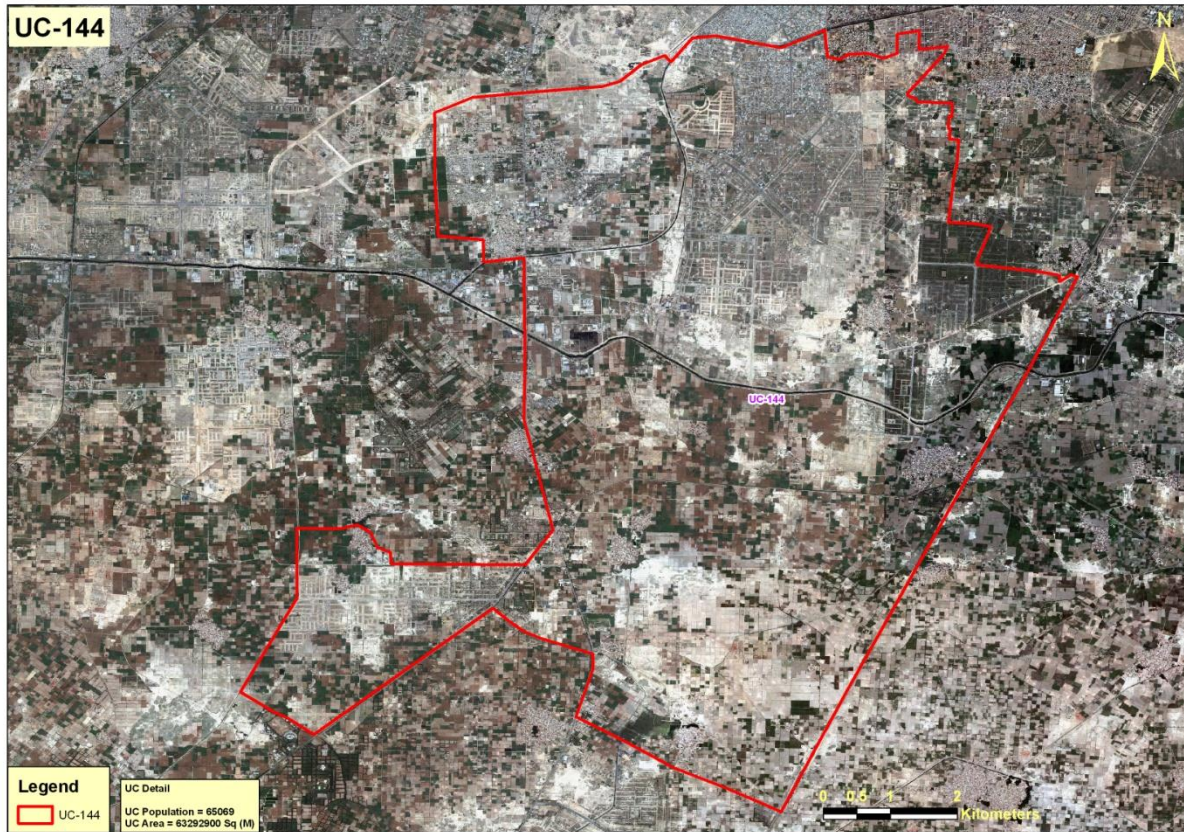
2.1 1st Shift Arrangement – 6 AM to 2 PM

Manual Sweeping		
Sanitary Supervisors	1	
Sanitary Workers	38	
Wheelie Bins	8	
Hand Carts	10	
Containers Collection		
Containers Placed	65	
Containers Points	55	
Compactors	C-1002	1 trip, approx. 10 tons
Drivers	1	
Helpers	2	
D-T-D Collection		
Mini Dumpers – Suzuki Pickup	1	
Driver	1	MD-11
Helper	1	
Note: Compactor also collecting waste if waste bags found on road or in front of home or shop		

3 Introduction

Union Council – 144 (Haloki) is located in Nishtar Town. Total area of the UC is 63292900 m² with population of 65069. This area is predominantly middle income area with planned settlement.

Figure 1: Map of UC 144 Haloki



4 Solid Waste Generation

Estimated solid waste generation is 42.3 tons per day @ waste generation rate of 0.65 kg/person/day.

5 Major Road

- Raiwind Road
- Jati Umrah Road
- Shershah Road
- Ali Akbar 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

UC 144 WORKER'S BEET LIST		
S.N	WORKER'S NAME	DESGINATED NAME
1	AMANAT S/O DEPAL	DHUBAI TOWN
2	SARWAR S/O BARKAT	L.D.A CHOWK TO CALTEX PUMP
3	WALAIT BHISHON	GANG
4	TALIB S/O SIRAJ	STORE MAN
5	MEHAR S/O YOUNAS	2ND TIME
6	RASHEED S/O KELA	GANG
7	SALAMAT S/O KHUSHI	2ND TIME
8	SABIR S/O HANIF	GANG
9	SALEEM S/O RASHEED	BHOBTIYAN PIND
10	MEHMOOD S/O BOOTA	MADRISH TO AZEEM HOUSE
11	PITRAS S/O HANIF	MIAN TARIQ HOUSE TO MADRISAH
12	NAYAMAT FAQIR	GANG
13	RIAZ GHULAM	BHOBTIYAN CHOWK
14	SARWAR SHANGHARAH	MINI DUMPER
15	AZRA YOUSAF	JATI UMRA ROAD
16	SHOUKAT FAQIR	HASSAN TOWN TO P.C CARING EAST SIDE
17	KHURRAM MAHBOOB	RESGINED FROM POST
18	BABAR HANIF	AZEEM HOUSE TOCHOHANGAH WALI PULI
19	FAQIR S/O GAMMA	RESGINED FROM POST
20	SARWAR S/O BARKAT	L.D.A CHOWK TO CALTEX PUMP
21	KAHLID S/O SHAFI	GANG
22	SUNY S/O ALLAH DITA	RESGINED FROM POST
23	SADAQAT S/O SADEEQ	BHOBTIYAN PIND
24	SULTAN S/O CHANAN	RESGINED FROM POST
25	ASLAM S/O SHER	COMPACTOR

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26	PERVEEN ASHRAF W/O ASHRAF	DHUBAI TOWN
27	UZMA W/O GAMA	GHOSIAH HOTAL TO AKHARI CONTAINER BHATAH PIND EAST SIDE
28	SAMINA JAVAID W/O JAVAID	ADAH PLOT TO C.NG PUMP WEST SIDE
29	ARSHAD S/O WARIS	AKHARI CONTAINER TO BHOBATIYAN CHOWK NALAH EAST SIDE
30	NASEEM W/O SAFDAR	ADAH PLOT TO QUAID C.NG PUMPRIWAND ROAD
31	PERVEEN W/O HIDAYET	BHOBTTIYAN CHOWK WEST SIDE
32	ELIS W/O TAJ	AKHARI CONTAINER TO BHOBATIYAN CHOWK NALAH WEST SIDE
33	SAFIA IMRAN	RIWAND ROAD
34	AZRA W/O GAMA	QUAID C.N.G PUMP TO GHOSIYA HOTAL WEST SIDE
35	FARZANA MAQBOOL	GHOSIAH HOTAL TO AKHARI CONTAINER BHATAH PIND WEST SIDE
36	ZARINA AZAM	JATI LAMMRAH MAIN
37	ZAHID S/O ARIF	L.D.A CHOWK TO CALTEX PUMP

8 Solid Waste Storage

8.1 Waste Storage Facility

- Currently 65 waste storage containers are placed at 55 different points.
- Storage capacity is 10 tons in one time lifting
- Lifting is operational in 3 times

8.2 Points of Containers

Sr. No.	Location	Number
1	Bibi Jan Stop Raiwind Road	1
2	Muhammad Abad Raowind Road	1
3	Muhammad Abad Raowind Road Near Masjid	1
4	Near Pak Turk International School	2
5	Al Rehman Cjowk Near CNG Pump	1
6	Technical Training Centre Raiwind Road	1
7	Hasan Associate Centre	1
8	Dubai Town Near Rehmat Whole Sale	1
9	Tali Ganj Near Taha Clinic	1
10	Talib Ganj	1
11	Near Masjid Tali Ganj	1
12	Sajjad Colony Near Rajpoot General Store	1
13	Sajjad Colony Near Masjid	1
14	LDA Scheme	3
15	Sher Shah Colony B Block	1
16	Sohail General Store Sher Shah Colony	1
17	Education School Sher Shah Colony	4
18	Al Hamd State Sher Shah Colony	1
19	christian Colony Near Lasani corption	1
20	Dubai Town Chowk Sher Shah Road	1
21	Dubai Town Near Rauf Electrical	1
22	Hasan Kot Near Gourmet Factory	1
23	Boobattian Pind Ghazi Pind	1
24	Boobattian Chowk Raiwind Road	1
25	Near UC Office Halloki	1
26	Havely Niaz Member Halloki	1
27	Raja Azeem Hair Dresser	1
28	Near Masjid Halloki	1
29	Halloki Girls School	1
30	Pind Sadhoki Near Darbar	1
31	Pind Sadhoki Near Darbar	1
32	Bhatta Pind Coca Cola Factory More	1
33	Chamru Pind Near Ali Auto	1

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34	Adda Plot	1
35	Lake City	2
36	Adda Plot Near Malik Sweets	1
37	Adda Plot Near Ghazi State	1
38	Near Church Chamru Pur	1
39	Ma Sha Allah General Store Chamru Pur	1
40	Ch. Habib Bhatti Chamru Pur	1
41	Near Data Electric Works Chamru Pur	1
42	Hajvery Super Store Chamru Pur	1
43	Qadariya Karyana Store Chamru Pur	1
44	Near Subhan Allah Store Chamru Pur	1
45	Mehran Wala Chowk Chamru Pur	1
46	Haji Ayub Khana Chamru Pur	1
47	Lahore Park Adda	1
48	Bhatta Pind Mehran Wali Gali	1
49	Bhatta Pind Raiwind road Pipe Factory	1
50	Bhubattian Pind Darbar	2
51	Bhubattian Near Rent A Bike	2
52	Bhubattian Bazar Near Mughal Boring	2
53	Bhubattian Bazar Near Khan General Store	1
54	Raiwind Raod Near CNG Pump	1
55	Raiwind Road Near Askar Pump	1
Total		65

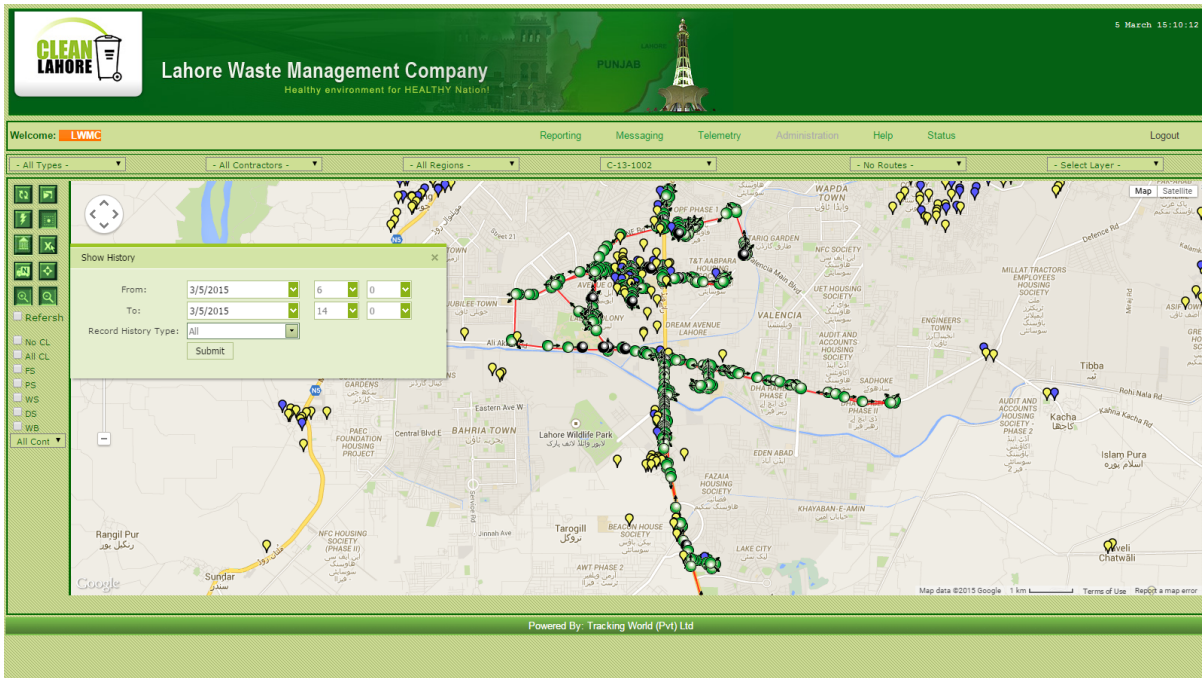
9 Solid Waste Collection & Transportation

9.1 Existing Points of Containers

MAP

9.2 Route for Compactor

MAP



9.3 Staff Deployment for Compactor Vehicle

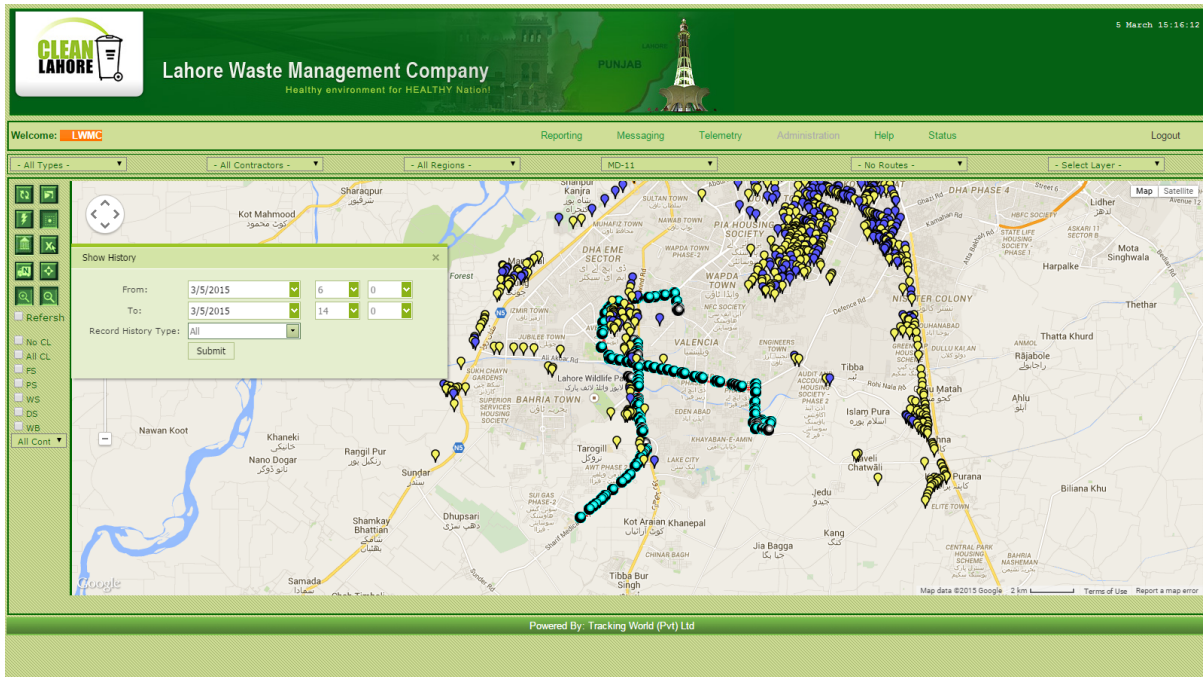
Compactors Zone-25									
Overall Incharge = Muhammad Usman Tariq (0308-4810665)									
Shift Supervisor = ()			Shift Supervisor = ()				Shift Supervisor = ()		
1st shift			2nd shift				3rd shift		
144	1002	M Irfan (0305-4748480)	Hanif Makhan	1002	Shabeer	Imtiaz			
		Rahmat Faqeer				Sunny			

10 Door To Door Waste Collection

10.1 System for D-T-D Waste Collection

- Mini-Dumper will be provided on CM Route to manage heaps.

11 Mini-Dumper Route



12 Problematic Points

- Haloki
- Sher Shah Road
- Ali Akbar Road
- Labor Colony
- Janjata Pind
- Chamro Pur
- Dubai Town

13 Issues

- Scattered Area
- Animal Waste
- Low Workers Strength
- Open Plots