

# SOLID WASTE MANAGEMENT PLAN FOR ATARI BURJ (UC- 141)

This operational document contain the brief summary about the characteristics of the area, mechanism regarding the deployment of manual and mechanical resources .This document can be considered as brief operational guide for UC-141

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## Özkartallar Campak Joint Venture

### 1. Facts

<b>UC</b>		<b>141</b>	
NAME OF THE AREA		Zaid colony	
CATEGORY		Rural	
POPULATION		18900	
HOUSEHOLDS		13080	
GENERATION		10.395	
MAJOR ROADS		Feroz pur road	
MARKETS		Nashter main market	
MOSQUES		Jaamia masjid Ayesha Masjid Qubaa Jaamia masjid Noor Masjid Farooq	
EDUCATIONAL INSTITUTES		Future vision Logaas Grammer	
Deputy Manager Operation		Abdur Rehman (0322-2895540)	
AM LWMC		Zahid Mushtaq (0315-8666087)	
ZO		Mian Irshad (0313-4281609)	
UC Coordinator		Asghar (0347-4142088)	
SANITARY WORKERS	MALE	REGULAR	5
		WC	0
		S & C	2
		Z & C	5
		TOTAL	12
	FEMALE	REGULAR	0
		WC	0
		S & C	2
		Z & C	2
		TOTAL	4
GRAND TOTAL		16	
STATIONARY RESOURCES	NUMBER OF CONTAINERS	24	
	STORAGE CAPACITY (1 TIME LIFTING)	7.2	
	HAND CARTS	7	
	WHEELY BINS	8	
MECHANICAL RESOURCES	COMPACTOR (7 m3)	1st SHIFT	0
		TRIPS	0

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		TRIPS	0
		2nd SHIFT	0
	COMPACTOR (13 m3)	1st SHIFT	1026
		TRIPS	1
		TRIPS	0
	MINI DUMPER	2nd SHIFT	0
		1st SHIFT	0
		2nd SHIFT	0

## 2. Introduction

Union Council – 141 (Atari Burj) is located in Nishtar Town. Total area of the UC is 901187 m<sup>2</sup> with population of 18900<sup>1</sup>. This area is predominantly middle income area with planned settlement.

## 3. Solid Waste Generation

Estimated solid waste generation is 12.24 tons per day @ waste generation rate of 0.65 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:

## 5. Street Sweeping and Waste Collection by Sanitary Workers

### 5.1.1. Block Cleanliness Schedule:

UC 141 (Atari Burj) consists of Twokal abad, Ideal garden, Industrial area, Waheed brothers colony. These areas having main roads, commercial markets, public buildings (schools, colleges, mosques) are being swept on daily basis (details given in beat list), and By keeping in mind the characteristics of the remaining area (blocks didn't need sweeping on daily basis), a weekly plan of cleanliness of areas has been devised and being summarized in the following table.

<sup>1</sup> Punjab Development Statistics – 2011, Bureau of Statistics, Govt. of the Punjab, about 30% area lies in ozpak jurisdiction

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S.N	UN-ATTENDED AREA	NATURE OF PROBLEM	DAY OF CLEANLINESS ACTIVITY
1	Twokal abad	Lake of workers	Friday
2	Ideal garden	Private with gate	
3	Industrial area	Private area	
4	Waheed brothers colony	Private area	

- All UC workers after cleaning there designated beats at 11am will be deployed in blocks as per above mentioned schedule.
- A separate special gang of 9 workers has been added to increase the man power. This gang will work in there designated blocks, according to the schedule from 6 am to 2 am.
- Solid waste is collected by sanitary workers from streets & households and hauled to container by wheelie bins/ hand carts.
- Waste bags also used for roads sweeping

### 5.1.2. Beat list

S.N	WORKER'S NAME	DESIGNATED AREA
1	GULZAR S/O TAIJU	MUJAHID COLONY
2	BABAR SHAD S/O SHAUKAT	VINES HOUSING SCHEME
3	ARSHAD S/O KHYRAT	AHMAD DEN BLOCK
4	HANIF S/O GHULAM	VINES HOUSING SCHEME
5	ASLAM S/O MEHNGA	SHADAB COLONY
6	RANI W/O PERVAIZ	SHADAB ROAD AND SIDE AREAS
7	AMJAD S/O BASHIR	SHADAB ROAD AND SIDE AREAS
8	ARIF S/O ASHIQ	MAIN FERAZ PUR ROAD SOFIA ABAD SARIYAN TO NISHTER STATION
9	Khadija w/o Abid Hussain	ATARI STATION MAIN FEZOR PUR ROAD SAFIA
10	AMMANAT S/O DEEBA	VINES HOUSING SCHEME
11	RIAZ S/O BARKAT	AKHTAR STATE
12	RANI W/O RAFIQ	ATARI STATION TO NAIK STOP
13	ASHFAQ S/O HADAYAT	VINES HOUSING SCHEME
14	MARIAM W/O RAFIQ	MAIN FERAZ PUR ROAD SOFIA ABAD

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		SARIYAN TO NISHTER STATION
15	NIAMAT S/O MOJI NIAMAT	MEHBOOB GARDEN
16	SAIMA SAIF W/O SAIFULLAH	SAROHA GARDEN

### 6. Solid Waste Storage

#### 6.1. Waste Storage Facility

- Currently 24 waste storage containers are placed at 20 different points.
- Storage capacity is 9.6 tons in one time lifting
- Lifting is operational in 2 time

#### 6.2. Points of Containers

S.N	LOCATION	NO.OF CONTAINER	DISTANCE TO NEAREST CONTAINER	CONDITION
1	Feroz Pur Road Bus Stop	1	30m	ok
2	Venuse Hosing Scheem Road	2	45m	Ok
3	Venuse Chowk Near School	1	50m	Ok
4	Zahid Khan House	1	35m	Ok
5	Ali Butt Venuse	1	35m	Ok
6	Shahraz House	1	20m	ok
7	Venuse Choti Pove	1	60m	ok
8	Shah Street Venuse	1	35m	Ok
9	Malik Street Venuse	1	40m	ok
10	Rana Shahzad Street	1	25m	Ok
11	Surooba Agha Iqbal	1	30m	Ok
12	Akhtar State	1	40m	ok
13	Sarooba	2	55m	ok
14	Main Road Ferozpur	1	25m	Ok
15	Pave Arabe Ferozpur	1	30m	Ok
16	Khuddi Ataridarbar	1	20m	Ok
17	Feroz Pur Road Attari Darbar	1	15m	ok
18	Banue Main Road	1	50m	Ok
19	Shadab Colony Main Road	2	60m	Ok

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20	Shadab Colony	2	41m	Ok
21	Main Feroz Pur Road	1	50m	Ok
22	Khuddi Main Naster Station	1	15m	Ok
23	Zia Hospital	1	1km	Ok

### 7. Solid Waste Collection & Transportation

#### 7.1. Route for Compactor

Compactor route with time and motion study has been presented in the following table.

S.N	LOCATION	NO.OF CONTAINER	TIME OF LIFTING
1	Feroz Pur Road Bus Stop	1	9:39AM
2	Venuse Hosing Scheem Road	2	9:42AM
3	Venuse Chowk Near School	1	9:45AM
4	Zahid Khan House	1	9:50AM
5	Ali Butt Venuse	1	9:55AM
6	Shahraz House	1	9:57AM
7	Park Near Khan House	1	10:00AM
8	Shah Street Venuse	1	10:05AM
9	Malik Street Venuse	1	10:07AM
10	Rana Shahzad Street	1	10:15AM
11	Mainsurooba Dosri Side	1	10:18AM
12	Akhtar State	1	10:22AM
13	Sarooba	2	10:25AM
14	Main Road Ferozpur	1	10:29AM
15	Pave Arabe Ferozpur	1	10:32AM
16	Khuddi Ataridarbar	1	10:39AM
17	Feroz Pur Road Attari Darbar	1	11:04AM
18	Banue Main Road	1	11:10AM
19	Shadab Colony Main Road	2	11:12AM
20	Shadab Colony	2	11:15AM
21	Main Feroz Pur Road	1	11:19AM
22	Khuddi Main Naster Station	1	11:25AM

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Figure:5, Route of Compactor

### 7.2. Staff Deployment for Compactor Vehicle

Overall Incharge = Abdur Rehman (0322-2895540)												
Shift Supervisor = Ashi Sardar (0313-4680221)					Shift Supervisor = Ashi Sardar (0313-4680221)					Shift Supervisor = ( )		
1st shift					2nd shift					3rd shift		
UC	Veh icle No.	Drive r Name & Mobil e	Name of Helper s	Rest Day	UC	Vehi cle No.	Driver Name & Mobile	Name of Helper s	Rest Day	Ve hi cle No	Driv er Na me & Mob ile	Na me of Hel per s
13 4	112 1	Ali Abbas (0322 - 48439 27)	Pervai z Mukht ar	Tuesda y	142	112 1	M.Ramz an	UC worker' s	Thursd ay			
			Pervai z Labha		145							
13 5 Ring	102 6	Jahan gir (0315 - 42499 58)	Kashif Asif	sunday		108 2	Ijaz Masih (0311- 4509428 )	Amjad Anayat				
			Asif lasha					Javaid Labha				



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135	1114	Irfan Anwar (0300 - 8169277)	Munawar Faqir Arshad Channa	Thursday	135	1124	M.Amir	Shahzad Nazir	Sunday			
137	1124	M. Arshad (0322 - 4341136)	Sabir Hera Sabir Anayat	Sunday	137					Amjad Anayat		
141	1082	M. Javaid (0302 - 4255228)	Aslam Ashiq Rashed Yousif	sunday								
142	1014	Safdar Masih	Pervaz Basheer	Saturday		1114	Sabir Boota (0321-6734992)	UC worker's	Wednesday			
145			Arshad Barkat		146							
146					146 ring					1126	M.Fasial	Dilawar Shafi Fazal Bashir
<b>Extra Drivers &amp; Helpers</b>			Tanveer Nazir					Amir Ali	Friday			
			Nazir Anayat					Younas Bashir				
			Willam Niamat					Waqas Nazir			<b>Extra Drivers &amp; Helpers</b>	