Awareness and Demand for Better Environment via improved Solid Waste Management

Survey Questionnaire:

This survey is being conducted to know about and make informed efforts for the Environmental Conservation of your locality. The following questions will be mainly concerned about household awareness and willingness for better environmental quality. Please take a few minutes out to express your views about the issues faced by your community. Your cooperation is highly valued and will help in the successful completion this survey which is an essential part of my MPhil study. The information and identity of respondent will be kept confidential. The information will only be used for this academic purposes and not any other purpose.

Enumerator Only			Questionnair	e #:		
Tehsil name:		•••••	Union Co	uncil:		· • • • • •
Muhallah:			Date:	/	/ 2015	/ 2015
A. Househo	ld Details					
1. Respondent Ger	nder:					
Male,	Fema	ale				
2. Are you the hea	d of the househo	old?				
Yes,	No					
3. Can respondent	t read or write a	ny language wit	h understandir	ng?		
Yes,	No					
4. Native language	e of the responde	ent:				
a. Urdu	b. Pashto	c. Balochi	d. Persian	e. Other _		
5. Qualification of	the most educa	ted member of y	your Household	1?		
a. Primary	b. Matric	c. Intermediat	te or higher seco	ondary educa	ntion	
d. Bachelor or	Master e. Hi	gher Education	f. Nor	ne		
6. Number of hous	seholds member	s in house	•••••			
7a. Number of hou	usehold's memb	ers those are of	age below 1 year	ar	•	
7b. Number of ho	usehold's memb	ers those are of	age 1-5 years.	• • • • • • • • • • • • • • • • • • • •		
7c. Number of hou	usehold's memb	ers those are of	age 6-14 years.			

8. Nu	mber of househ	olds membe	rs those are abov	e age 14 years.	•••••
9. WI	nich media is av	ailable at yo	ur house? (Tick a	all those availal	ole)
a.	TV b. Nev	wspaper	c. Radio	d. Internet	e. Social media (In mobile set)
10 U	ow often media	GOLLMON WOLL	normally ugo?		
		·	•	2 Ones a was	dr. 4 Ogganianal
			Newspaper		ek 4. Occasional
			Social media (In		
			lable at your hou		
	Car		cle c. Tax		
		·			g. Others-Specify
			welling you live i		g. Others specify
a.			c. Rent free		Government
a.	Own	o. Rented	c. Rent free	d. 7 motted by	Government
13. N	umber of room	s in house (o	ther than bathro	om and kitchen)
		· ·	ou/respondent is l		,
	Cement	•	uarder c. Cha		roof)
d.	Kacha	e. Other		_	
	our house expe				
		I	tems		Amount spent per month (Rs.)
1	Food, Drinks a	and Tobacco			
2	House Rent				
3	Health and Edu				
4	Transport and	communication	on		
5	Recreation and	l Entertainme	nt		
6	Utility Bills (E	lectricity, Ga	s, Water)		
7	All Taxes				
	Total per mor	nth			
	1				
16. Ir	n your opinion v	which of thes	e is a priority cor	ncern about wa	ste in your area (tick only)?
	a. Littering an	d looks bad	b. Effect on h	uman health	c. Effect on environment
	d. Attracts ani	mals birds an	d insects		e. Others

17. Has any member of the Hou	sehold suffered from dise	ease during last month (30 days)?
Yes, No	O	
18. Type of diseases that occur i	mostly in your family?	
a. Cholera	b. Diarrhea	c. Hepatitis d. Asthma
e. Skin disease	f. Allergy	g. Other
B. Household Waste G	eneration and Dispos	sal
19. Where do you dispose your	generated waste?	
a. Nearby container	b. Open space	es
c. Near home	d. Others—Sp	pecify
20. Are there any large bins in y	your area?	
Yes, No)	
C. Garbage Collection	Services	
21. Do you have regular garbag	e collection service in you	ur area? Yes, No (If No jump to Q: 28)
22. If y	yes, do you use it? Y	Yes, No
If you use regular garbage col the follo	llection service, then ans	,
23. Which collection service do a. Public b. Private c. Ot	o you use? ther—specify	28. Why you don't use or don't have regular garbage collection?
24. How much do they charge	per month?	
Rs:	per month	a. Household member himself
25. How often do you use the c	collection service?	throw their garbage to the community bins
a. Every day b. Once a week	c. Other-specify	b. Household member himself
26. How satisfied are you with collection service?	your current waste	throw garbage out of their gate
a. Very dissatisfiedb. Dc. Satisfiedd. Highly satisfied	issatisfied isfied e. Don't Kno	c. Improper collection in their area
27. What is the main reason for dissatisfaction for waste material a. Costs b. Unreliability d. Reliability e. Cooperative	nagement? c. Improper collection	on

29. Do y	ou separate differe	ent type o	of waste at your ho	me?	
3	Yes,	No			
30. If "N	NO", would you do	so if you	are told by your co	ollection service provider:	?
7	Yes,	No			
31. Pleas	se identify some of	the mair	n problems you are	faced with under the curr	rent solid waste
situation	ı in your area?				
а	ı. Waste lying arou	ınd	b. Odor	c. Rats	
Ċ	l. Flies		e. No problem	f. Others – Specify:	
32. Wha	t is the distance be	etween yo	our house and dum	ping site?	
а	L	Meters	b.	Kilomete	ers
C	c. Others				
D. 1	Recycling				
33. Do y	ou know about rec	cycling?			
<u> </u>	Yes,	No			
34. If "Y	ES", which of the	following	g items you recycle	? (Tick all those items wh	ich you recycle)
a	a. Kitchen composta	ble mater	rial (Fruit/vegetable)	b. Plastic bottles	c. Food cans
Ċ	l. Other metals			e. Paper/cardboard	f. Glass
g. Plastic bags/plastic wrappers			h. Others - specify		
35. Do y	ou reuse the follow	ving item	s? (Tick all those it	tems which you reuse)	
a	ı. Glass		b. Plastic bottles	c. Aluminum cans	
Ċ	l. Compostable mate	erial	e. Other metals	f. Paper/cardboard	
٤	g. Food cans		h. Clothes	i. Others - specify	
36. Whe	ther scavengers (k	abaree) o	collect items from v	vaste heaps in your area?	
Ŋ	Yes,	No			

37. If	"YES", what is their a	ge appr	oximately:	_ years.		
38. Aı	re scavengers responsib	ole for s	preading waste heaps	?		
	Yes,	No				
39. Do	oes scavenger (kabaree) visit h	ouses in your area?			
	Yes,	No	(If NO, jump to	o Q: 44)		
40. If	"YES", how frequently	y they vi	isit your area?			
	a. Regularly		b. Twice week		c. Once a week	ζ
	d. Once in fifteen days	3	e. Once the month		f. Irregularly	
41. H	ow much solid waste th	ey take	away from your home	e? Kg	/month	
42. W	hat kind of waste is sol	d to the	m by your Household	? (Tick	all those items))
	a. Plastic material		b. Metals	c. Bone	es	d. Bottles
	e. Rusted bread		f. Papers	g. Any	other, Specify	
43. H	ow much you earn rouş	ghly fro	m selling these items?		Rs	/month
44a. A	Are waste bins available	e at pub	lic places?			
	Yes,	No				
44b. I	f "YES", do you use it:	?				
	Yes,	No				
44c. I	f "NO", how you throw	waste?	•			
	a. Throw on street and road				b. Throw in se	werage line
	c. Throw into bin that	is far aw	vay from the same place	e	d. Other – spec	cify
45. W	hat are some of the bei	nefits to	you of recycling/reusi	ing and	segregating (se	parating
differ	ent types of waste)?					
a.	Cost effective	b. Envi	ronmental friendly		c. Any other _	

E. Composting

Composting is the process of converting food waste into fertilizer.

46. Would you like to com	post the food	waste of your house?
Yes,	No	
47. Do you compost your	organic (green	waste and kitchen) waste?
Yes,	No	
48. If "YES", what metho	d do you use?	
a. Throw in the gard	den/bush	b. Proper composting (buried in the backyard)
c. Sold to farmer/bu	ıyer	d. Others
49. If "NO", what is the m	nain reason yo	u do not compost?
a. Don't know how		b. Do not have garden
c. Too much effort		d. Others
F. Environmental	Awareness	
50. This year, did you or a	any member of	the family participate in any community cleanup
activities or other volunta	ry cleanups?	
Yes,	No	
51. In your opinion is was	te miss-manag	ement an environmental problem?
Yes,	No	
52. Do you know how you	r service prov	der disposes your collected waste?
Yes,	No	
53. Are you concerned ab	out the disposa	al methods of the service provider?
Yes,	No	
54. If garbage are thrown	next to your h	ome, will it affect your household health level?
Yes,	No	
55. What is the proper me	ethod in your o	ppinion?
a. Proper segregation	on of Waste	b. Recycling of waste
c. Reuse of waste	d. Proper d	isposal of waste e. Other – specify
56. Would you like to use	paper or cotto	n bags instead of plastic bags if those paper or cotton
bags available?		
Yes,	No	
57. If "YES", specify the	reason behind	it?
a. Paper and cotton	are cheaply av	ailable b. Environmental friendly
c. Plastic create pro	blems	d. Other

58. If "NO", specify the	ne reason behind	lit?		
a. Not available	.	b. Costly		
c. Not reliable		d. Other		
G. Willingness	to pay			
the local government win your area. The impowerrant new collection with the door to door collection along with w	vants to put in place roved system is e and waste dispost collection of Sol waste collection fr	r proper solid waste manace an improved waste collexpected to affect the prices all system. Under this implied waste (Five days a word intermediate waste bithen the new collection system)	lection and dispose and quality of proved system, yeekly string installed at v	osal services system of services as it will you will be provided reet/mohallah dump various locations and
Set I:				
59. Would you be will	ing to pay Rs 10	0/month for the said coll	lection and disp	posal services
system to ensure bette	er solid waste ma	nnagement?		
Yes,	No			
60. If "YES", then for	the better service	ces the service provider	asks for a bit h	igher amount like
Rs 200/month, would	you be willing to	pay?		
Yes,	No			
61. If "NO", can you	afford and be wil	lling to pay Rs 50/month	1?	
Yes,	No			
62. What is your Max	imum/Minimum	Willingness to pay?	Rs	/ Month
a. You are satist b. You cannot a c. You don't will don't trust the c. Don't trust the	sfied with existing afford	e it is government responsent capacity provider		
Set II:				
64. If you like the abo	ve suggested bet	ter solid waste managen	nent system hov	wever, cannot
afford to pay for it, w	ould you be willi	ing to participate physic	ally to segregat	te the waste at
home?				
Yes,	No			

65. Under the physical	participation system you will still be able to avail door to door collection
weekly street/mohallah	dump collection along with waste collection from intermediate waste bit
installed at various loca	tions and safe disposal of the generated waste. In return, under the physic
participation program,	ou will be provided with three different colored bins (free of charge) by the
Government/Non-gover	nment organization and you will be asked to segregate garbage in
compostable waste, rec	clable waste and residual waste (refuse/not useful in any sense) in differe
bins at home? Those bi	ns will be collected on weekly basis free of charge. So would be willing
participate in this prog	ram to get better solid waste management.
Yes,	No
a. Create awarerb. Pressurize auc. Participate in	ipate in waste management activities? ess among community hority to work properly community based management pecify
a. You are satisfeb. You cannot sec. You don't wantd. It is against the	nt to do, because it is government responsibility
68. Is there any organi	zation working on these issues in your locality?
Yes,	No
69. If "YES", then whi	ch Organization?
a. NGO b. Com	nunity based organization c. Youth association d. Other
	one is the best source for creating awareness among the people about ste problems and its management?
a. Newspapers e. Social circle (b. T.V c. Radio d. Educational institutions Friends/relatives/doctors) f. Any other, Pl. specify:
71. Do you have any su	ggestion for the better management of solid waste in Quetta?