

## SUMMARY OF ENVIRONMENTAL HEALTH ACTIVITIES IN AUGUST 2012 – KP/ FATA

### Coordination

WHO participated in 02 provincial WASH cluster meetings during the month of August, highlighting the health risk of preventable illness to IDPs associated with contaminated water, unsafe/ insufficient sanitation & unhygienic condition and also generating prevention & control response from WASH cluster. Camp coordination meetings were regularly attended to identify, highlight & solve WASH related issues at camp level.

Series of meetings were held with Public Health Engineering Department including additional secretary, Director M&E, Chief Engineer North and Chief Engineer South KP regarding capacity building of the Department on water quality testing and monitoring.

Water quality testing equipment will be handed over to the Department for all sub divisions in north, south KP and FATA on 10<sup>th</sup> and 11<sup>th</sup> of September, 2012. Environmental Health Engineers from the districts will train PHED staff nominated as technical persons for water quality monitoring from the districts in the next step.

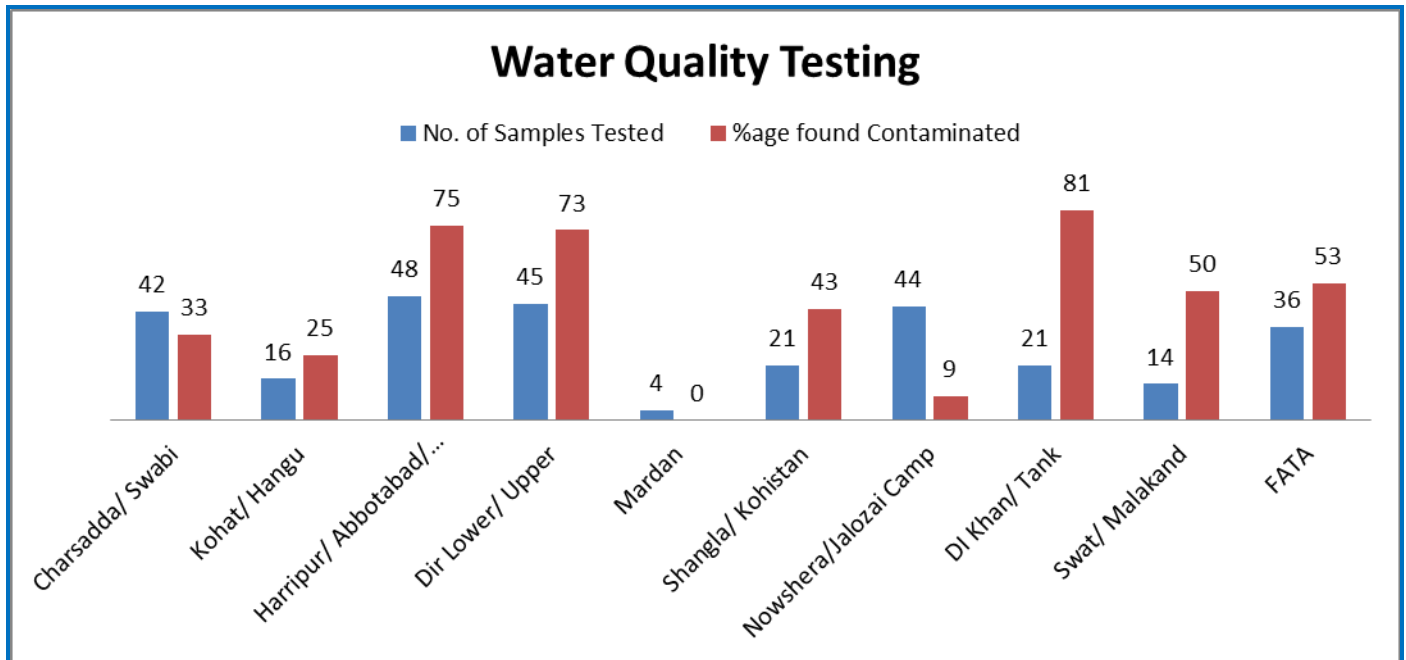
WHO held meetings with WASH Cluster coordinator KP & FATA, Team Leader Polio KP & FATA and WASH partners working for Bara IDPs in Peshawar to find out ways and means for possible support from WASH Cluster to the polio program in District Peshawar.

02 camp Health & WASH cluster meetings were held in Jalozei Camp with all Health & WASH partners (MERLIN, CERD, CAMP, HRDS, SSD, Lasoona & Unicef). Regular meetings held with RID WASH partner in Togh Sarai Camp in order to provide support regarding water quality & hygiene promotion issues.

WHO is in coordination with EDO-H, PPHI, TMAs, PHEDs & WASH partners in their respective districts in order to provide support regarding water quality testing, Alert/ outbreak responses, assessment and monitoring of civil work projects including repair/ renovation of health facilities and construction of warehouses.

### Water quality monitoring

Active water quality surveillance in IDP camps & host communities served as key tool to detect the potential risk associated with consumption of contaminated water supplies to the IDPs & prevention of water born epidemics. WHO Environmental Health unit tested 291 water samples for microbiological contamination. The result revealed that about 40% samples were microbiologically contaminated mostly from shallow dug hand pumps, storage tanks & unsafe water handled at household level. Appropriate mitigation measures were taken in collaboration with WASH partners & Govt; water authorities for water quality improvement. WHO also provided technical assistance to WASH Partners including SSD, HRDS, Lasoona, RID, EPS and IDEA for water quality testing in major clusters of IDP & host communities.



#### Capacity building

WHO trained 33 participants including 2-LHSs and 31-LHWs of two union council (Katlang-1, Katlang-2) at Type D Hospital Katlang Mardan on 2<sup>nd</sup> August 12, NP coordinator was also present at the occasion. The participants were trained on water born disease alert and outbreak response mechanism and emergency preventive measures to be taken.

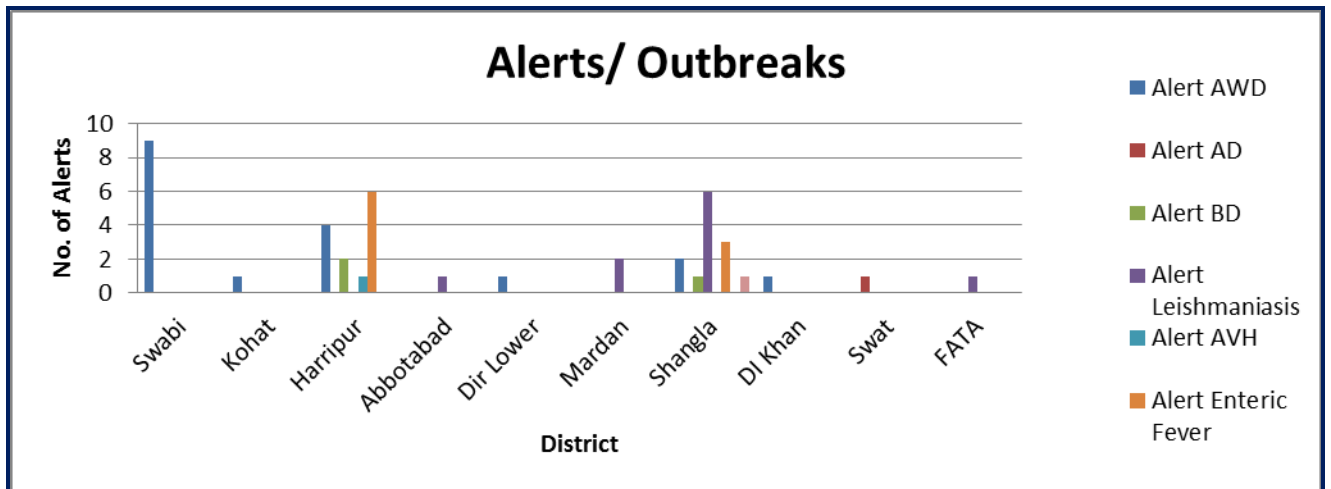
Several on job training were conducted by WHO for DoH staff and health & WASH partners on water quality testing, health care waste management & Infection control in hospital environment.

District	No. of Persons Trained	Remarks
Charsadda/ Swabi	36	Non Formal
Kohat/ Hangu	11	Non Formal
Harripur/ Abbotabad/ Mansehra	50	Non Formal
Dir Lower/ Upper	58	Non Formal
Mardan/ Buner	33	Formal
Shangla/ Kohistan	13	Non Formal
Nowshera	64	Non Formal
Jalozai Camp	12	Non Formal
DI Khan/ Tank/ Bannu/ Lucky Marwat	24	Non Formal
Swat/ Malakand	72	Non Formal
FATA	81	Non Formal
<b>Total</b>	<b>454</b>	

### Outbreaks & Alerts

WHO investigated & responded to water born diseases Alerts & outbreaks, during period of 1st to 31<sup>st</sup> August 2012. Total 43 AWD, OAD, AVH and Enteric Fever Alerts received from IDP camps & Host communities were promptly responded by WHO teams in the districts including Abbotabad, Buner, Hangu, Harripur, DIK, Mardan, Shangla, and Swabi.

District	Alert								Total
	AWD	AD	BD	Leishmaniasis	AVH	Enteric Fever	Malaria	Scabies	
Swabi	9								9
Kohat	1								1
Harripur	4		2		1	6			13
Abbotabad				1					1
Dir Lower	1								1
Mardan				2					2
Shangla	2		1	6		3		1	13
DI Khan	1								1
Swat		1							1
FATA				1					1
<b>Total</b>	<b>18</b>	<b>1</b>	<b>3</b>	<b>10</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>43</b>



### Distribution of Environmental Health Supplies:

WHO provided material support to DoH and WASH partners for controlling water born diseases in IDP camps & IDP host communities. In this respect WHO distributed 45 kg of HTH (Water disinfectant) to District TMAs & WASH partners in IDPs hosting Districts, 277800 units aqua tabs, 47813 hand washing soaps, 2494 Jerry Canes, 37480 PUR stachets, 3040 awareness leaflets and 411 hygiene kits were distributed in the affected communities.



District	EH Supplies						
	Dettol Soaps	Aqua Tabs	Chlorine HTH (70%) kg	PUR Sachet	Jerry Cans	IEC Material	Hygiene Kits
Charsadda/ Swabi	3500	42000			100		100
Kohat/ Hangu	15000	19000		720	17	250	13
Harripur/ Abbotabad/ Mansehra	324	25000	5	120	12	100	25
Dir Lower/ Upper	936	40800		720	15	100	10
Mardan/ Buner	298	29000	5	4800		860	
Shangla/ Kohistan	864	5000	5	3000		250	25
Nowshera	23760	50000		20000	2000	800	
DI Khan/ Tank	1728	65000	20	3120	350	80	225
Swat/ Malakand	472	2000	10	5000		500	
FATA	931					100	13
<b>Total</b>	<b>47813</b>	<b>277800</b>	<b>45</b>	<b>37480</b>	<b>2494</b>	<b>3040</b>	<b>411</b>