

# ACTED Jordan WASH Update September 2014

→ HOST COMMUNITIES

→ AZRAQ

→ ZAATARI



# Host Communities Update

- School WASH Rehabilitations
- Household WASH Rehabs
- WASH Community Infrastructure Rehabilitations
- Hygiene promotion



## School WASH Rehabs

- 18 school WASH rehabs in Mafraq, Irbid and Zarqa govts.
- Water storage tanks, toilets and toilet blocks, wash basins, tap stands, sewers, hygiene promotion sessions
- Challenges: long-term maintenance of facilities, blockages in sewers, no standards from WASH Sector, overlap with other agencies
- Achievements: 15 schools completed and handed over, good relationship with schools and education directorate, high quality of work, good project procedures developed



## WASH in Households

- 550 Household WASH rehabs in Mafraq and Zarqa
- Water storage tanks, internal water pipes, sinks, taps, wash basins, showers, hot water heaters and WASH NFI vouchers
- Challenges: large number of rehabs in short timeframe, fewer households than anticipated require rehabs
- Achievements: Contract signed, Assessment tool developed, >350 eligible households identified



## WASH in Households / 2

- 5 pilot sites in Mafrqa Governorate
- Mobile toilets, water storage tanks, WASH NFI vouchers, WASH committees, hygiene promotion
- Challenges: numbers constantly changing, facilities need to be mobile with no permanent structures
- Achievements: 5 sites selected, toilet prototype approved, installations ongoing.



- 10 projects, 5 water and 5 wastewater
- Installation/maintenance of booster pumps, rehab of pump stations, sewer line replacements, sewer cleaning
- Challenges: difficulties getting data from water authorities, long selection process, overlaps with other agencies
- Achievements: Draft definitive design documents reviewed, construction phase prequalification tender assessed, roadmap to start implementation done



## Hygiene Promotion

Hygiene promotion across five governorates in North Jordan in collaboration with schools, CBOs, INGOs, municipalities, vulnerable outreach communities

- Sessions include personal hygiene, environmental hygiene, menstrual hygiene, pregnancy and newborn hygiene
- Challenges: Managing relationships with community partners (financial incentives)
- Achievements : Last month 21 Women’s Events, 6 health clinic events, 15 children's events, 2 clean up days with a total of 3697 beneficiaries

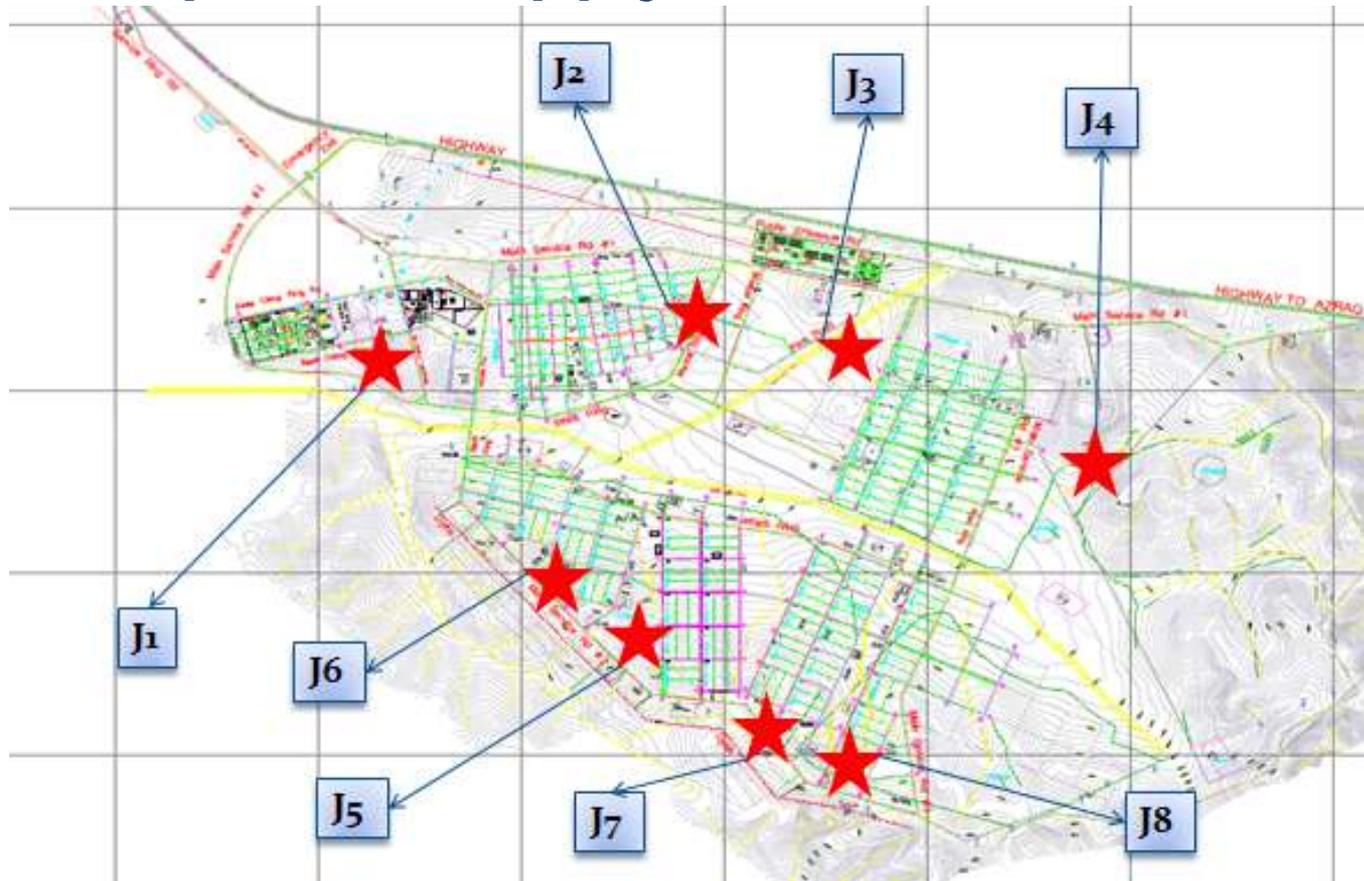


## Azraq Update

- Water supply
- Wastewater management
- Solid waste management & camp cleaning
- Hygiene promotion



## Azraq water supply overview



## Water Supply

- 35L/p/d
- Three weeks of Sept: 8,178m<sup>3</sup> of drinkable water supplied, 88% to water stations.
- Three weeks of Sept: 9 microbiological tests, >500 FRC tests.
- Challenges: uncertain population figures, boreholes 40Km from camp, relatively high TDS require RO at boreholes.
- Achievements: No complaints about water quantity; no coliform bacteria found since camp opening; FRC pilot seems successful.



## Azraq wastewater overview

Village	Holding tanks/ village	Holding tank usable volume (m <sup>3</sup> )	Wastewater / person / day (m <sup>3</sup> )	Wastewater / village / day (m <sup>3</sup> )
3	868	6.88	0.007*	57.4
6	808			25.8
<b>TOTALS</b>	<b>1676</b>			<b>86.2</b>

\* 0.007m<sup>3</sup> of wastewater generation per capita per day is based on a convenience survey .

## Wastewater management

- August: 2,813m<sup>3</sup> of WW collected and disposed
- Transfer site: 2 \* 30m<sup>3</sup> holding tanks
- Challenges: >70% of water supplied does not end up in WASH blocks' holding tanks (mainly due to spillover and disposal at the water points); WWTP is far from the camp; uncertainties on population
- Achievements: No wastewater overflow, except in some agencies compounds where holding tanks are faulty.



## Azraq SWM overview

Village	No. of blocks	No. of plots	Shelters	Population / village	Solid waste/person /day (m <sup>3</sup> )	Solid waste/village/day (m <sup>3</sup> )
3	20	223	2676	8600	0.0045*	38.7
6	15	203	2436	3200		14.4
TOTALS	35	426	5112	11800**		53.1

\* 0.0045m<sup>3</sup> /person/day according to field survey .

\*\* According to UNHCR official figures (early September)

- August: 2,359m<sup>3</sup> of SW collected and disposed
- Transfer site: 1 \* 12' closed container
- Challenges: (initially) construction debris from shelter suppliers; disposal of excess bread; difficulties in recruiting IBV cleaners; no clarity on school WASH infrastructure O&M
- Achievements: No or very little theft of waste bins; camp is clean; school cleaning successful; transfer site is kept clean

Planning to shift from m<sup>3</sup> to tonnes



## Azraq Hygiene promotion overview

- Key messages

- Household, Group sessions (male/female etc)
- Involvement of Syrian refugees
- Water conservation, storage, stagnation, use and cleaning of toilets, food littering, etc

- Community Activities/children

- WASH Kits distribution



## Zaatari Update

- WASH centres repair & maintenance
- Solid waste management
- Water network
- Water supply
- Hygiene promotion



## Zaatari R&M overview

Type of RMW activities	June	July	August	Total
Water tanks related repairs	21	17	24	62
Water pipes related repairs	64	102	100	266
Sewerage pipes related repairs	13	50	52	115
Sewerage pipe blockages	33	38	69	140
Septic tank related repairs	2	1	2	5
Sanitary fittings replacements	0	7	5	12
Welding works	15	32	157	204
Concrete works	1	22	23	46
Painting	0	0	5	5
Backfilling	0	0	19	19
Tier3 works	0	1	5	6
<b>Total</b>	<b>149</b>	<b>270</b>	<b>461</b>	<b>880</b>



## WASH center standards community expectation survey

	Select max. 3 improvements that you like to see for your WASH centers					
	Lights	Floor tiling	Plastering of the walls	Painting of the wall inside	Artistic painting from outside	Transparent sheet for the roof
Number of answers	242	218	145	118	84	76
% of answers	86%	77%	51%	42%	30%	27%



## Zaatari SWM / camp cleaning overview

Coverage: whole camp (collection), ACTED districts (cleaning and provision of waste bins))

Quantity: average 600m<sup>3</sup> / day (19 garbage trucks), 1m<sup>3</sup> communal SW storage every 150 people; camp cleaning in ACTED districts through 475 Cash for Workers

Disinfection of the garbage bins once every two months

Challenges: theft, misuse and misplacement of waste bins by refugees

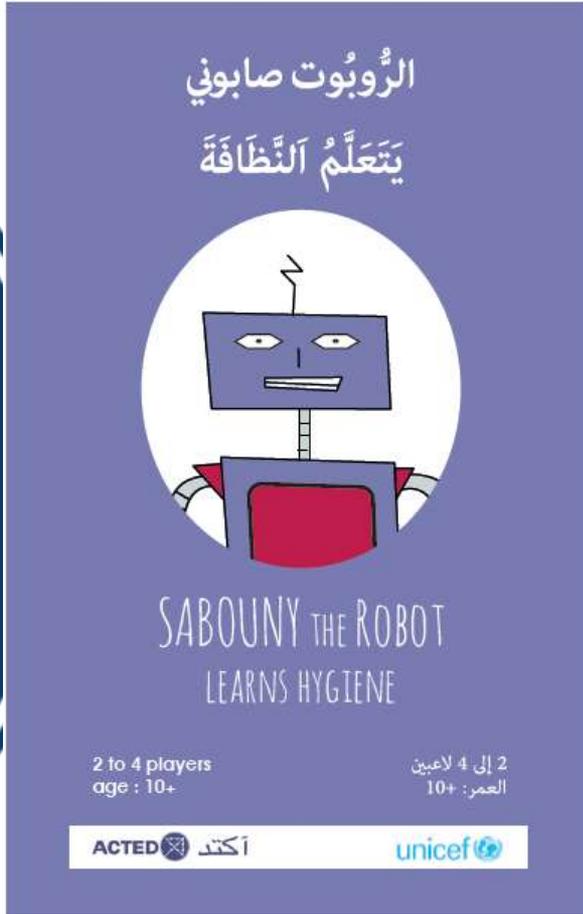
Achievements: the camp is kept clean; Planning to switch from m<sup>3</sup> to tonnes



## Zaatari Hygiene promotion overview

- Key Messages about Pest Control and Food safety, wastewater control
- Methodology & Approaches:  
Group & Group sessions, Campaigns & special activities to cover all sectors of the camp community
- Collaborating with other partners (Save, UN Women & Health Sector)
- August Figures:  
5580 Individual session- 2255 Group sessions
- Developing new HP tools (next slide)





# Zaatari water network overview

Market 1	
Wash Center	13
# Tap points	26
# Headings	87
Population	8,000
Water Demand	36th. hr
Highest Point (m above datum)	851.68

Market 2	
Wash Center	10
# Tap points	26
# Headings	76
Population	8,000
Water Demand	40th. hr
Highest Point (m above datum)	851.80

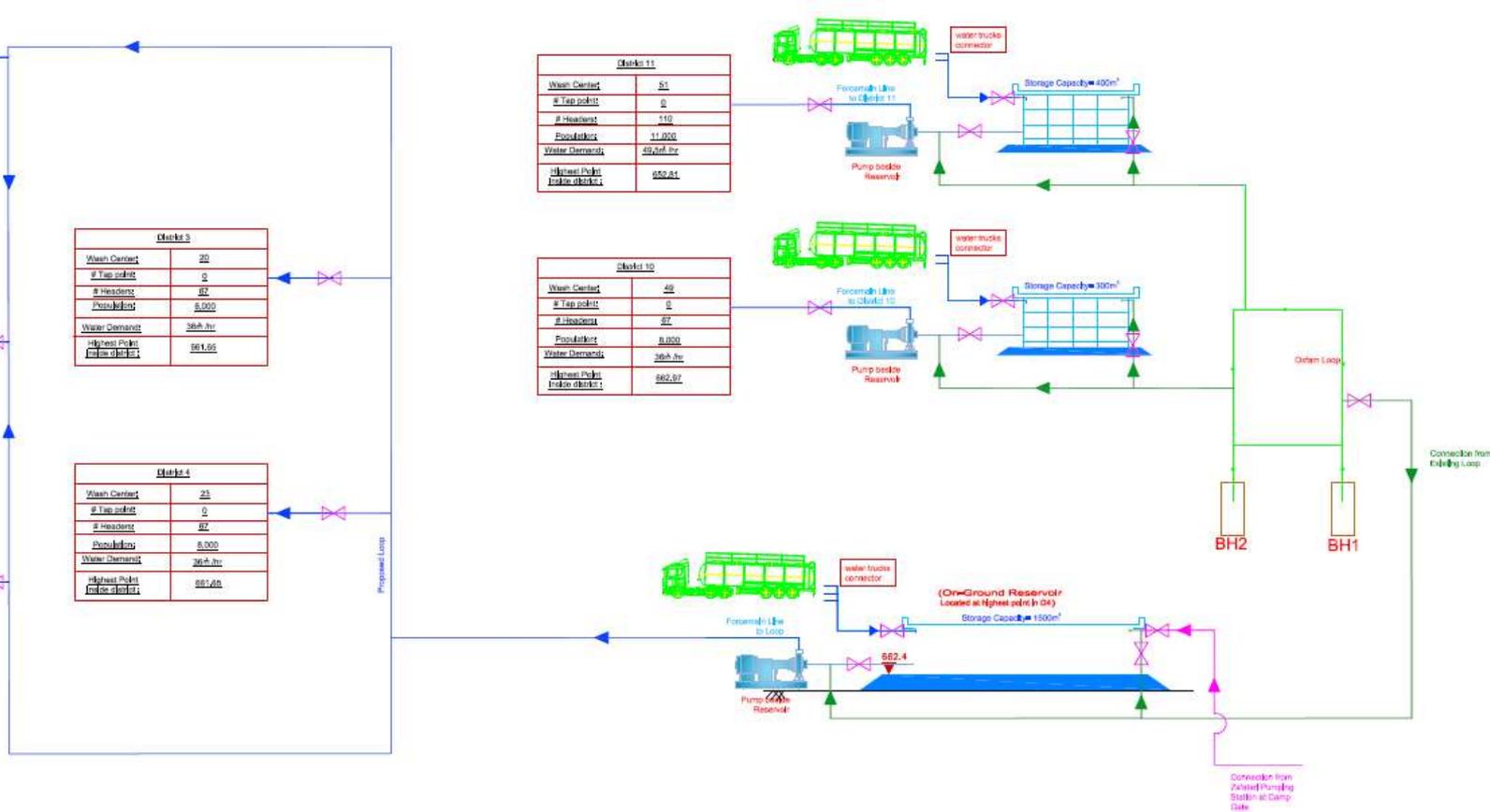
Market 12	
Wash Center	14
# Tap points	22
# Headings	76
Population	8,000
Water Demand	36th. hr
Highest Point (m above datum)	851.90

Market 3	
Wash Center	20
# Tap points	0
# Headings	87
Population	8,000
Water Demand	36th. hr
Highest Point (m above datum)	861.95

Market 4	
Wash Center	25
# Tap points	0
# Headings	87
Population	8,000
Water Demand	36th. hr
Highest Point (m above datum)	861.4th

Market 11	
Wash Center	31
# Tap points	0
# Headings	110
Population	11,000
Water Demand	40th. hr
Highest Point (m above datum)	859.81

Market 10	
Wash Center	49
# Tap points	0
# Headings	87
Population	8,000
Water Demand	36th. hr
Highest Point (m above datum)	862.97

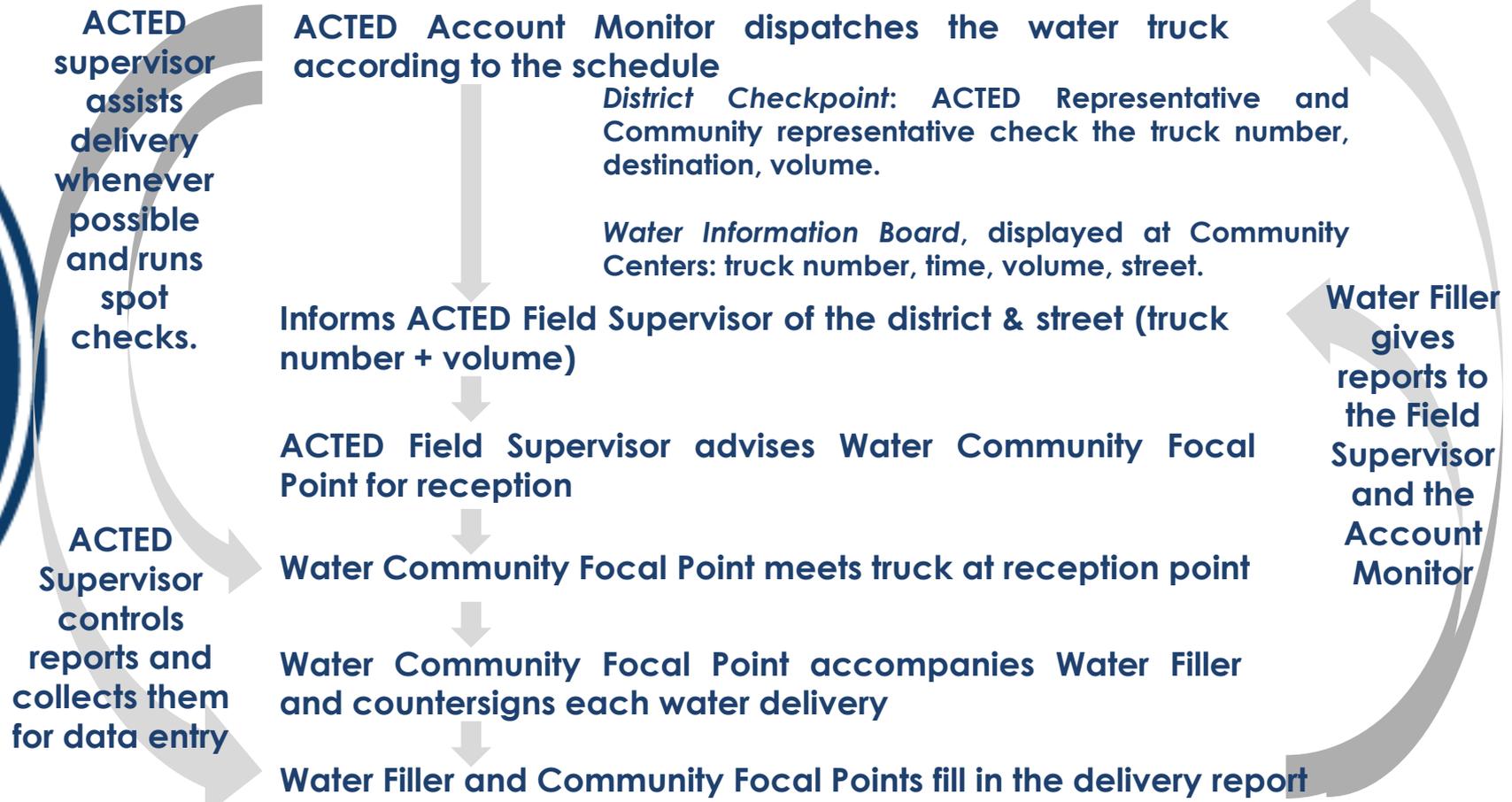


## Where are we at?

- ‘Communal Plus Plus’ → agreed in ZWNET (May 2014)
- Executive design → done
- Call for expressions of interest and company shortlist → done
- Tender docs → done
- Selection of company → planned (late October 2014)
- Implementation → planned (start in 2014)



## Zaatari water supply overview



## Highlights of new water distribution mechanism

### District level: District Checkpoints and Water Information Boards (fully operational in Districts 1,2,9,10,11,12)

Water information Boards: truck number, destination, time, volume, total volume of water received.

- *Approx. 90% of the trucks stop at checkpoints throughout the camp*



Destination	Truck number	Time in	Volume	TOTAL
الوجهة	رقم الشاحنة	ساعة الوصول	الحجم	المجموع
ST-6	18	6:30	21	21
ST-12	8	6:40	24	45
ST-12	25	7:15	8	53
ST-6	26	7:05	8	61
ST-10	37	7:20	8	69
ST-6	26	7:40	15	84
ST-7	20	7:20	7	91
ST-11	20	7:50	22	113
ST-11	25	7:18	8	121





End of update

Thank you for your attention