

Legend

Pipe diameter

- 200mm Main pipe connected to Faida water purification facility.
- 160mm
- 125mm
- 90mm ~1m underground
- 75mm ~1m underground
- 1/2" Individual shelter connections, placed on the ground surface, end with taps.

Point Features

- Borehole (6)
- Communal Water Tank (25)
- Water Bladder (2)
- Water Tap (2)
- Elevated Water Tank (30)
- Valve (39)
- Flow Meter (15)
- Manhole (44)

Identified Problems

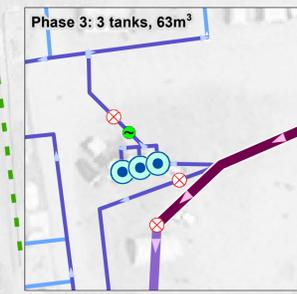
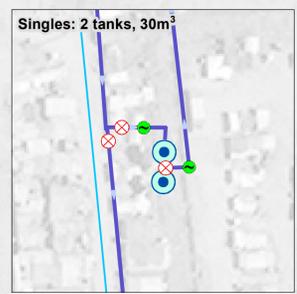
- Tap Missing (121)

This area has generally very poor condition of WASH infrastructure. The water is turned on irregularly, or not at all.

The borehole provides water for trucks from 8am to 4pm, after which it starts pumping water into the camp water network, first filling tanks on the edge of Phase 1.

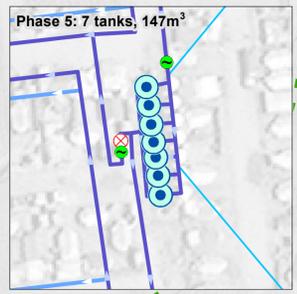
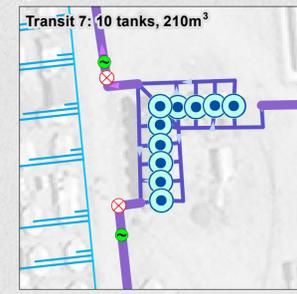
Transit 2: 25 Ground Level Tanks with Taps Capacity: ~250m³

The Faida Pipe operates usually from 4pm to 11pm, providing ~900³/day.



Phase 5 implemented network differs significantly from initial design and only approximate layout has been shown.

One of two standalone water bladders with taps, capacity 15m³



Thematic data: 10/2013, Qandil, UNICEF, Kurds, REACH
Background imagery: 13/08/2013, DigitalGlobe
Administrative boundaries: GADM
Projection: WGS 1984 UTM Zone 38N

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File: IRQ_DOMIZ_WASH-DrinkingWater_A1_10DEC2013

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.



Total figures for water delivery for September 2013 are provided below, split between delivery sources.

Estimates of litres per capita per day based are also provided, assuming 60,000 and 40,000 camp population options.

	(m ³)	01-15/09	16-31/09	September	population	per person	per day in liters
camp entrance borehole		13814	10564	24378	60,000	1.19	39.60
trucking		2000	2000	4000	40,000	1.78	59.39
boreholes inside the camp		8270	7387	15657			
Faida (main pipe)		13915	13321	27236			
Total				71271			

Camp entrance borehole fills in water trucks from 8am to 4pm and pumps water from 4pm to 7pm into pipe connecting to 2 water tanks in sector 1. These tanks provide water to the Singles area. When they are filled (in approximately 45min-1hr), the water is then pumped further into tanks above Phases 1 and 2. The three boreholes inside the camp grounds pump water into tanks above Phases 1 and 2. Two of these boreholes, located near singles areas, operate around 10h per day providing ~100m³ each. The borehole in the middle of sector 10 operates about 3hrs per day providing ~30m³.