

Attachment 6

Infrastructure Survey

**Central America Water and Sanitation Program Sustainability Evaluation:
Infrastructure Sanitary Survey (Feb 2012)
Central America – El Salvador, Guatemala, Honduras, Nicaragua**

Water System Performance/Design

1. Is the system working? (i.e., water coming out of taps or pump?) YES NO

2. If working, how many hours per day is water delivered to taps:

16 - 24 hours other: _____

8 –16 hours

8 –16 hours

less than 8 hours

NA (on demand hand pump system)

3. Functionality of components:

a. Catchment structure or well:

All valves function well? (test them) YES NO NA

Cracks or leaks in structures? YES NO NA

Clean inside spring box or behind dam? YES NO NA

Catchment or well structures fenced in? YES NO NA

Are there latrines or other sources of YES NO NA

contamination (livestock, cesspools, etc.) within 100 feet of the catchment or well?

If so, what and how far away?

For springs and dams:

What is upstream of the catchment structure? (forest, grazing land, houses, roads, etc.)

For wells:

Hand pump function well? (test it) YES NO NA

Well casing extend 18” above ground or YES NO NA
normal flood level?

Top of well casing sealed from surface YES NO NA
water, rain water, or contaminants?

Is the well sealed at the ground surface? YES NO NA

(i.e, can surface water, rain water, or contaminants enter the well at the ground surface?)

b. Conduction line from source to tank:

Leaks in pipes or joints? YES NO NA

Exposed PVC pipe in line? YES NO NA

Clean out valves and air valves working? YES NO NA

c. Storage Tank:

All valves function well? YES NO NA

Cracks or leaks in structure? YES NO NA

Clean inside? YES NO NA

Hatch covers in good shape? YES NO NA

Covers locked? YES NO NA

Tank fenced in? YES NO NA

