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 O O other: 8 –16 hours O O 8 –16 hours 0 less than 8 hours NA (on demand hand pump system) O 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 NO YES 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? NO YES NA Covers locked? YES NO NA Tank fenced in? YES NO NA

d. Freatment System: Is there any treatment system?	YES	NO	NA			
If yes, what type: O sedimentation tank O chlorination O other (specify):	_					
Is it working?	YES	NO				
e. Distribution Network:	1770	NO	27.4			
Are there leaks in distribution network?	YES	NO	NA			
Are there leaks in domestic connections?	YES	NO	NA			
Does water arrive at all taps?	YES	NO	NA			
4. Does the design of the system match the	design informa	ition given to y	ou by th	e watsan d	elega	te?
If no, describe the differences and their sign	nificance.	YES		NO		
Sanitation Facility Performance/Design (to be answered by visiting a sample of the	latrines constru	acted in each co	ommuni	ty)		
5. Given the type of latrine constructed, was	s it built prope	rly? YES		N0		
Туре						
comments (especially if improperly constru	cted):					
6. Is it being operated properly? comments (especially if improperly operate	ed):	YES		NO		
7. Does the design match the design inform If no, describe the differences and their sign		you by the wats	san deleş	gate? Y	ES	NO
8. Is the water system new (constructed afte	er Mitch) or re-	built (existing New	water sy	stem, repai	ired a	fter
17111(11)		11011		ILC Duill		