Survey Instructions within an Enumeration Area (EA):

(1) Make sure you have an EA map with sampling locations and the corresponding recruitment sheet with geographic coordinates. You should also have a laminated Codes sheet and a sufficient number of House Quality survey sheets and Household Roster survey sheets.

(2) For each location that you need to go to, follow steps (3)-(11):

(3) Go to the target location using your maps and GPS device. Get as close to the location as you can, but stay on public land. If there is no residence within 100 meters of this location (about the length of a soccer field) or if you cannot get to within .001 decimal degrees of the location, replace this location with the next available location on the recruitment sheet. If you cannot reach the location check "Unable to access location" on the recruitment sheet an **write down** the reason for why you couldn't reach a household in the last column of the recruitment sheet.

(4) When you are at the target location, identify the residence that is closest. This is the residence you will choose to knock on the door or call out to get the attention of somebody inside. Do not select buildings that contain only businesses, including hotels and guesthouses. If the building contains on businesses or is a hotel or a gust house check "Not a residence" and described the location (e.g. restaurant, office building, empty field etc.) in the last column of the recruitment sheet.

(5) If two or more residences are equally close make a list of the residences. Use your **random number sheet** to select a residence. Go to the column that corresponds to the number of equally close houses in the list. Select the first available number that is not crossed out in that column. This is the house you will sample. Cross out the number on the random number sheet, so we will not use it again.

(6) When you have selected a house complete the house quality questionnaire for that house.

(7) If the residence you have selected contains more than one household, you will **randomly select** which household to interview. Count the number of households living within the house. **Record this number** under "Number of households" on the recruitment sheet. Make a list of the households. Next, take out your random number sheet. Go to the column that corresponds to the number of households. Select the first available number that is not crossed out in that column. This is the household you will interview. **Write down** which household you selected in the column for notes on your recruitment sheet. Cross out the number on the random number sheet so we do not use it again.

(8) If nobody is at home, **mark your attempt** on the recruitment sheet In the "Attempt" column. Go back to this household before the end of the day and, if necessary, on another day. Each time you return and nobody is home mark the next numbered attempt on the recruitment sheet. Do not replace this household, unless you have already made **four attempts** to interview the household.

(9) If somebody is at home, introduce yourself and begin the interview. If no one in the household over the age of 18 is willing to answer the questions on the household roster leave the household and replace this location with the next available location on the recruitment sheet. **Write down** the reason for the refusal on the recruitment sheet.

(10) Administering the In-depth survey: If the household roster is completed administer the in-depth survey following steps (a) through (d) below.

a. Use the random group selection sheet to choose an individual for the in-depth survey. Choose the first available group that is not crossed out. This is the group you will interview. If there is no one in this group in the household cross out this group on the sheet and go to the next group that is not crossed out on the list. If there is no one in that group in the household cross out that group and go to the next group on the sheet. Repeat this process until there is

someone in the household in the selected group. Cross out that group on the random number sheet so we do not use it again. Go on to part (b) below.

b. If there is more than one person in the selected group in the household go to part (c) below. If there is only one person in the household in this group interview that person with the in-depth questionnaire. If the person refuses to participate in the in-depth questionnaire mark the person's household roster number and an explanation for their refusal on the recruitment sheet in the space provided and go to the next building. If there is more

c. If there is more than one person in the selected group in the household list all of the people in the household in that group. Next, take out your random number sheet. Go to the column that corresponds to the number of people in that group in the household. Select the first available number that is not crossed out in that column. This is the person you will interview. Cross out the number on the random number sheet so we do not use it again. If that person refuses to be interviewed write that person's household roster number and their reason for refusal on the recruitment sheet in the space provided. Then use the random number sheet he random number sheet to select another person from that group. Make sure you use the proper column in the random number sheet---remember the person who refused is no longer on the list. If the newly selected person also refuses to be interviewed write that person's household roster number and reason for refusal in the space provided in recruitment sheet. Repeat this process until either someone agrees to the in-depth interview or all people from that group have refused the in-depth interview.

d. If the in-depth interview is completed place and X in the "Completed? Column of the recruitment sheet.

(11) When you are finished with a household, go to the next sampling location. Do not skip any rows on the recruitment sheet; there **must not** be any gaps. The total number of people that you need to interview in this enumeration area is marked on the recruitment sheet. When you have reached this number, you are finished with this enumeration area

(12) Continue doing interviews until you have completed the number of required in-depth interviews listed at the top of the recruitment sheet. Once you have completed the required number of in-depth interviews the enumeration area (EA) has been fully surveyed and you will be instructed by your supervisor to go on to a different EA.