WLDF 311 Treefrog Study; Fall 2007  
PVC Pipe Deployment Protocol:

1. Arrange time to meet/travel to study area with your co-worker
2. Pick up gear from stockroom & BRING YOUR OWN WATER JUG or carton (of some kind)
3. Park off main road; walk through gate (combination = “8184”...LEAVE ALL GATES AS YOU FIND THEM [if they’re open, leave them open, if they’re closed, close them behind you]). The equipment should include:
   a. 12 pipes with caps (there should be ~3 pipes on “your” transects out in the field already).\(^1\)\(^2\)
   b. 12 stakes (3 out there already)
   c. White duct tape
   d. Sharpie
   e. Flagging
   f. 50m tape
   g. GPS
   h. Water jug
   i. Hammer to pound the stake
   j. Machete & gloves (for those on the remnant side)
   k. Anthony may be able to offer some sort of bag to carry this stuff in; otherwise you may want to bring something from home.
4. Walk to your “transects”
   a. The Restored transects start at the northern end (see map). The Remnant transects start at the eastern edge (very near the road). Each transect is spaced roughly 65 m apart thereafter.
   b. When you get to your transect, please place a flag (tear off piece of ribbon & tie) on some vegetation & label the flag (use sharpie) with the transect number & your name. Hopefully, labeled flags from people before you will help you navigate.
   c. There should be 1 trap on your transect already. When you find it, pull it out and use it as one of your traps.
   d. For people on the restored habitat, remember that the trap on “your” transect may be on the other side of the slough, in which case leave it for the other pair working that side. This may mean some people on the restored habitat don’t have enough traps to deploy all 15 locations they’ve been “assigned.” That’s fine. If you wind up with an extra trap, go ahead and deploy it on your transect using the “extra” random numbers (see attached).
5. Using the random numbers, deploy 1 trap at each random location along the transect. Use the 50m tape to measure distance. Each trap should be at least 2 m from its neighbors.
   a. Negative numbers indicate east/west or north/south side of stream or slough depending on whether you’re on remnant or restored habitat. The “0” indicates the bank. If you get a number that doesn’t work for some reason (e.g., too close to another trap or beyond fence), then choose another number from the “extra numbers” (columns labeled A-F) on the random number sheet.
   b. Pound the stake into the ground so the screw faces south and is at a height such that the bottom of the trap will be roughly at ground level.
   c. Put white duct tape on the trap and use the sharpie to label the trap with “Rem” or “Res” followed by transect # followed by unit #. For Example, “Rem 3-3”
   d. Fill the trap with water until it flows from overflow hole & place trap on the stake (using hole near top of pipe for screw head).
   e. Record UTM positions (easting & northing [NAD27 datum]) using the GPS (you can do this later if you don’t know how to use GPS yet)

\(^1\) A few traps have broken or been lost, so the last group to pick up their supplies may not get all 12. That’s OK.
\(^2\) A few groups have been “assigned” a different number of traps than 15 (12 from stockroom, 3 in field). Kira & Casey and Ryan & Toby should each try to pick up 20 total (get 16 from stockroom, there will be about 4 pipes already on your 8 transects depending on if they’re on “your” side or not). Josh is working solo and should deploy 10 (8 from stockroom, 2 already on his transects).