

## Fishing Line Collection Bin Assembly and Installation

### Materials:



(1) 2 Ft. length of 4" PVC pipe



(1) 4" PVC 90 degree street elbow



(1) 4" PVC female threaded adapter



(1) 4" inch PVC male threaded clean out plug



(1) 4" flexible PVC cap fitting

#### Suggested tool list:

Hacksaw

Tape measure

PVC primer and glue

Drill and drill bit (approx. ¼ inch)

Sandpaper to remove PVC burrs

## Collection Bin Assembly:

- Use PVC glue to attach the female threaded adapter to one end of the pipe
- Use PVC glue to attach the street elbow to the opposite end of the pipe
- Drill two holes (approx. ¼") in the square portion of the male threaded clean out plug
- Thread clean out plug into adapter
- Use a knife to cut a two inch "X" in the center of the cap if it does not have ridges as shown in Figure 1. If the cap has ridges utilize one of the methods shown in Figure 2.



Figure 1



Figure 2

- Place flexible cap fitting over mouth of elbow; tighten clamp
- Apply program stickers to front of pipe directly below mouth of elbow



## Collection Bin Installation:

Please contact the property owner/manager prior to placement of outdoor collection bin. KDFWR will provide guidance for exact placement of bins to maximize effectiveness and will provide program decals.

- Lag bolts, carriage bolts, pipe strapping or zip ties may be used to attach the collection bin to a sturdy object
- Bins may be placed on individual posts or may be attached to existing sign posts, buildings, or railings (provided consent is given)
- If securing with lag or carriage bolts drill the appropriate size holes through the fitting/bin at each end (red arrows in photo). Then use a wrench or ratchet to secure the bin.

### Suggested tool list:

- Post-hole diggers (if installing stand-alone 4x4 post)
- T-post (if in a relatively secure area, such as a park)
- Sledge hammer (to set T-post)
- Cordless drill and drill bit (if attaching to wooden post)
- Wrenches or ratchet to fit the bolts or nuts used for installation
- Cable-tie tightener (if using cable ties)
- Snips or cutters (to remove excess cable tie)
- Flat screw driver or wrench/ratchet to fit hose clamp on flexible cap
- Sharp knife to cut opening in flexible cap

*Optional:* bucket and concrete mix for setting 4x4 post (provided consent is given)