

**Subject: Irrigation Head Repair**

Approved:

PROCEDURE:

**Irrigation Head Repair**

INTENDED AUDIENCE:

LNR personnel assigned to the Irrigation team.

PURPOSE:

To ensure timely repair of broken or malfunctioning irrigation heads to maintain proper coverage of the plant material by the irrigation system at University of Central Florida.

- I. Knowledge** – Employee should be trained in various irrigation heads and sprayers to maintain proper coverage for the plant material on campus.
- II. Safety** –It is the employee’s responsibility to determine if added Personal Protective Equipment is needed and to consult with their Supervisor prior to starting the task.  
Personal Protective Equipment (PPE) to include:
  - a. Safety Glasses
  - b. Work Boots
- III. Prior to Irrigation Head Repair**
  - a. Visually inspect area designated on the inspection worksheet.  
Inspect the entire zone by walking and looking for leaking sprinkler heads, broken sprinkler heads, clogged nozzles, broken nozzles, crooked heads, nozzle adjustments, and broken lateral lines.
  - b. Flag anything that is found during the inspection that needs adjustment or repair.
  - c. Pick up any irrigation parts needed for truck stock from the Irrigation Store Room/Central Stores.
- IV. Irrigation Head Repair**
  - a. Dig up the broken head and place dirt to the side of the hole.
  - b. Remove the broken head from the existing pipe in the ground.
  - c. Screw the new head on to the existing pipe making sure that no dirt gets into the piping system.
  - d. Check to make sure that the top of the head is properly flush with the ground so the head will not be damaged by mowers.

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- e. Pack the removed dirt around the irrigation head to ensure the head is stabilized and set in place.
- f. Once the irrigation head is affixed to the piping, turn the zone back on to flush out any debris in the irrigation pipes and ensure the head does not shift when operating.
- g. Install a new nozzle on the irrigation head.
- h. Turn the water on and adjust the nozzle so that the spray pattern from the nozzle will provide adequate coverage to irrigate the plant material.

**V. Site Clean up**

- a. Ensure all soil or mulch is in the intended area and not on turf or hardscape features (i.e. sidewalks, curbing, roads); rake or blow as needed.
- b. Collect all broken heads and old fittings.
- c. Collect all hand tools and return to irrigation truck.