

Subject: Irrigation Inspection

Approved:

PROCEDURE: **Irrigation Inspection**

INTENDED AUDIENCE: LNR personnel assigned to the Irrigation team.

PURPOSE: To ensure proper coverage of the plant material by the irrigation system at University of Central Florida.

- I. Knowledge** – Employee should be trained in proper irrigation coverage for the plant material used on campus, and have working knowledge of testing and adjusting irrigation equipment.
- 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) includes:
 - a. Safety Glasses
 - b. Work Boots
- III. Prior to Irrigation inspection**
 - a. Obtain controller inspection worksheet daily from supervision.
 - b. Before leaving the LNR compound, employee should pick up any irrigation parts needed for truck stock from the Irrigation Store Room/Central Stores.
 - c. Make sure to have flags on the truck to mark the locations of any repairs needed while doing the inspection.
 - d. Open the irrigation controller and note any faults that appear on the screen on the inspection worksheet.
- IV. Irrigation Inspection**
 - a. Start the inspection by turning on the first zone on the controller.
 - b. Visually inspect the entire zone by walking and looking for leaking sprinkler heads, broken sprinkler heads, clogged nozzles, broken nozzles, crooked heads, nozzles needing adjustment, and broken lateral lines.
 - c. Flag the location of anything that needs adjustment or repair.

Subject: Irrigation Inspection

Approved:

- d. Document the items that needed repaired or adjustment on the inspection worksheet.
- e. Continue to go through each zone until all zones are completed for the controller.
- f. Lock the controller when the inspection is completed.
- g. Turn in the completed inspection worksheet to the irrigation supervisor at the end of the day.

V. Irrigation Head Adjustment

Note: If heads are found to be crooked, heads must be adjusted so the spray pattern of the head is straight

- a. Straightened the irrigation head by digging the dirt from around the head.
- b. Adjusted the head so that it is flush with the ground and not crooked.
- c. Pack the dirt back around the head to ensure that the adjustment on the head is set in place.
- d. Turn zone on again to make sure that the irrigation sprinkler is working properly.

Note: For additional information on head and lateral line repairs, see Landscape and Natural Resources SOP #901 and SOP #902

VI. Site Clean up

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