

## Inspector Quantlist Report 20170721

Diary Number: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

TRACS Number: \_\_\_\_\_

Date: \_\_\_\_\_

### Division VIII: Roadside Development Title: Temporary Irrigation System

Route:
Station:
Offset:
Point Number:
NOI Number(s):
Gravity or Pump or Meter:

No	Compliance	Narrative	Reference
0.		The Contractor has submitted to the Engineer (PLA or ADOT's Professional Landscape Architect / RE) copies of the manufacturer's product sheets at the preconstruction conference. These product sheets should include the itemized requirements listed in 808-3.01 that determined the condition of each irrigation material and if all irrigation materials are acceptable to the project plans and specifications.	Standard Specifications 808-3.01
1.		All permits and licenses for furnishing water (potable water) have been obtained and paid for by the contractor.	Standard Specifications 808-3.02
2.		The contractor has an approved potable water supply for the project.	Standard Specifications 808-3.03
3.		At no time should any plant material, new or existing, be allowed to remain without potable water for any period which will result in stress to the plant material. If potable water is not available, non-potable water may be used if it was tested and found acceptable to use by the Engineer (PLA/RE).	Standard Specifications 808-3.03
4.		The contractor has prepared a watering schedule and submitted it to the Engineer.	Standard Specifications 808-3.01
5.		The contractor has prepared and submitted a shop drawing layout of irrigation equipment and details.	Standard Specifications 808-3.01

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6.		The location of water supply truck parking and proposed means for protecting public safety during the watering operations shall also be identified in the transplanting plan.	Special Provisions 808-1 Standard Specifications 104.04 Transplanting Plan
7.		The contractor has a plan to remove the temporary irrigation system when the project is complete, and re-seed disturbed areas.	Special Provisions 808-3
8.		Polyethylene irrigation lines should either be anchored to the ground with acceptable staples or partially buried above ground.	
9.		The irrigation tank system contains a filter with the correct sized screen and match what was submitted for approval.	Standard Specifications 808-3.01
10.		The irrigation distribution tubing is a maximum length of (10' to 12') as required by the manufacturer and match what was submitted for approval.	Standard Specifications 808-3.01
11.		All of the end caps at the end of each irrigation line have been flushed as needed to remove any sediment that could be plugging up the irrigation drip emitters. Minimum every three months, or as approved by the PLA.	Standard Specifications 808-3.03
12.		The specified emitters are installed, and the correct gallon per hour size emitter is used as shown in the project plan.	Standard Specifications 808-3.05 (G)
13.		Emitters on slopes have been placed with emission points on the uphill side of the plant to provide optimum root coverage.	Standard Specifications 808-3.05 (G)
14.		Emission points have been moved out for an even water distribution around the planting pits.	Standard Specifications 807-3.03
15.		The temporary irrigation system has an isolation valve at the water tank to manually turn off the water and is operating correctly.	Standard Specifications 808-3.03 (B)
16.		Any gravity irrigation tank systems have been set at a higher elevation than the planting material.	Special Provisions 808-3
17.		The tank pressures are adequate at the end of the line to operate the emitters at their required pressure.	Standard Specifications 808-3.03
18.		The irrigation lines are free from leaks, kinks or broken couplings.	Standard Specifications 808-3.9
19.		All emitters are working correctly and any plugged emitters have been cleaned or replaced.	Standard Specifications 808-3.9
20.		The planting pits show signs of moisture and are receiving irrigation water.	Standard Specifications 806-3.06
21.		The Contractor has submitted a monthly maintenance log of activities and test results to the Construction Org (Unit).	Special Provisions 808-3
22.		Planting pit berms are functioning properly.	Standard Specifications 806-3.06

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23.		The filter screens have been flushed and cleaned at regular intervals or replaced, and are free of silt or slime.	Special Provisions 808-3.03
24.		Quantlist Minimum Frequency; once every three months, or as approved by the PLA.	Construction Bulletin 07-01