

# **CHECKLIST DRIP IRRIGATION SOIL SCIENTIST REPORT**

## **Site Conditions**

Project name \_\_\_\_\_  
Project location \_\_\_\_\_  
Date of investigation \_\_\_\_\_  
Soil series \_\_\_\_\_  
Slope \_\_\_\_\_  
Complete profile description(s) \_\_\_\_\_  
    color (Munsell notation) \_\_\_\_\_  
    textural classes and CF modifiers \_\_\_\_\_  
    abundance, size, contrast, and color of mottles \_\_\_\_\_  
    grade, class, and type of structure \_\_\_\_\_  
    consistence \_\_\_\_\_  
    coarse fragment content \_\_\_\_\_  
    boundary \_\_\_\_\_

## **Drip Irrigation Criteria**

Depth to seasonal water table \_\_\_\_\_  
Depth to rock with insufficient soil \_\_\_\_\_  
Soil drainage classification \_\_\_\_\_  
Soil linear load \_\_\_\_\_  
Horizontal linear load \_\_\_\_\_  
Tubing installation depth \_\_\_\_\_

## **Soil Scientist Qualifications**

Soil scientist who is a professional member of the  
    Pennsylvania Association of Professional Soil  
    Scientists (PAPSS) (copy of  
        membership card or consultants list), or  
"Qualified soil scientist" as defined in Chapter 73, Section 73.1  
    (ARCPACS seal and/or certification number along  
        with SEO number) \_\_\_\_\_  
Signature of the soil scientist \_\_\_\_\_