Water Efficient Landscape Installation Certification

Project location: _____

Project applicant / contact information: _____

The person completing and signing this form must be the same person.

The following must be attached to this certification otherwise this certification is not complete.

Initial if attached	Required Attachments (Circle "N/A" if not applicable)	
	Soil Analysis Report. A copy of the soil analysis report and verification of implementation of its recommendations meeting the requirements of LMC 13.25.050(C)(2).	
	N/A?	**Record Drawings.** Record drawings of the irrigation system if irrigation system installation deviated from the design submitted and approved with the landscape design package.(LMC 13.25.060(D))
	Irrigation Evaluation. A landscape irrigation evaluation meeting the conditions of LMC 13.25.060(E); e.g., inspection, system test, reporting overspray or runoff that causes overland flow, and documenting controller parameters. Include corrective measures to fix overland flow or overspray or other observed deficiencies. For projects developed into multiple saleable lots, the irrigation evaluation may be limited to a common area (e.g., project green space or park) and a representative sample of the lots. (LMC 13.25.060(E))	
	Irrigation schedule. A summary of controller setting parameters satisfying the conditions of LMC 13.25.060(F).	
	Landscape and Irrigation Maintenance Schedule. A regular maintenance schedule satisfying the conditions of LMC 13.25.060(G).	

Complete the following table

Initial if complies	Landscape Installation Requirement (Circle "N/A" if not applicable)	
	Compost. Soil was amended by tilling into the soil to a minimum depth of 6 inches either 1 inch of finished compost or an amount of finished compost specified by the soils analysis to bring the soil organic matter content to a minimum of 3.5% by dry weight. (LMC 13.25.060(C)(4)(a)).	
	Mulch. A mulch layer of at least three inches was applied to all non-turf planting areas. Stabilizing mulch was applied to slopes of three (run) to one (rise) or greater. If hydroseeding was done, its seed/mulch slurry met the requirement of at least three inches of mulch. (LMC 13.25.050(C)(4)(b), (c), and (d)).	
	N/A?	**Decorative water features**. Decorative water features use recirculating water. They also use recycled water where it is an approved supply of water. (LMC.25.050(C)(5)).
	Point of Connection. A separate landscape water meter was installed (except single family homes) and all irrigation equipment was connected to the landscape water meter. For single family homes, connection to the domestic water meter meets this requirement. (LMC 13.25.050(C)(6)(c)) and LMC 13.25.050(C)(7)(a)).	
	Runoff and Overspray. The irrigation system delivers water at a rate compatible with the site's soil types and infiltration rates. The irrigation systems avoids runoff, low head drainage, overspray, or other such conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures. Maximum application rates are closely matched to infiltration rates. (LMC 13.25.050(C)6)(d)).	
	Pressure Regulation. The irrigation system keeps dynamic pressure at each emission device within the manufacturer's recommended pressure range. Static water pressure was measured at the point of connection. If static pressure was found outside the irrigation system's required dynamic pressure range, then pressure-regulating devices (e.g., inline pressure regulators, booster pumps, etc.) are used. (LMC 13.25.050(C)(6)(e)).	
	N/A?	**Recycled Water**. If a separate landscape water meter is required and recycled water is an approved and available water supply, recycled water is used for landscape irrigation. (LMC 13.25.050(C)(6)(f)).

Initial if complies	**Landscape Installation Requirement (Circle "N/A" if not applicable)**	
	Controllers. A smart irrigation controller able to accommodate all aspects of the irrigation design was installed. (LMC 13.25.050(C)(7)(b)).	
	N/A?	**Rain sensors.** For individual controllers irrigating an area of 10,000 or more square feet, rain sensor(s) were connected and properly installed (e.g., where rain can be detected without interference from structures and irrigation spray) (LMC 13.25.050(C)(7)(b)).
	Valves. Electronic valves were installed. Each valve irrigates a maximum of one hydrozone of plants with similar water use. Where feasible, trees are on separate valves from shrubs, groundcovers, and turf. (LMC 13.25.050(C)(7)(c)).	
	Sprinklers. Sprinkler heads have compatible application rates within each control valve circuit. Riser protection devices (e.g., swing joints) are used in damage prone or high traffic areas. (LMC 13.25.050(C)(7)(d)).	
	N/A?	**Turf areas of 10,000 square feet or larger**. Sprinkler irrigation for any contiguous turf area that is 10,000 or more square feet was tested and achieves a minimum 0.7 lower quarter distribution uniformity. (LMC 13.25.050(C)7)(e)).
	Anti-Drain (Check) Valves. Anti-drain valves were installed at strategic low points throughout the plan to avoid low-head drainage. (LMC 13.25.050(B)(7)(f)).	
	Low Volume Equipment Areas. Low volume irrigation were used in all the following 4 areas (unless an alternative design with the effect of low volume irrigation (e.g., micro-sprayers) that avoids runoff and erosion was approved as part of the landscape design package. (LMC 13.25.050(C)(7)(g)(i), (ii), (iii) & (iv))	
	N/A?	**Low Volume Equipment Area (i).** Landscape areas less than eight feet in width in any direction are supplied with only low-volume irrigation as stated above.
	Low Volume Equipment Area (ii). Mulched areas are supplied with only low-volume irrigation as stated above.	
	Low Volume Equipment Area (iii). Areas within 24 inches of a nonpermeable surface are supplied with only low-volume irrigation as stated above unless no irrigation runoff occurs or the adjacent nonpermeable surfaces drain to permeable surfaces capable of admitting and retaining the runoff.	
	N/A?	**Low Volume Equipment Area (iv).** Slopes greater than 25 percent ("25 percent" means one foot of vertical rise for every four feet of run) are supplied with only low-volume irrigation as stated above.
	N/A?	**Slopes over 25%**. Irrigation of slopes greater than 25 percent does not exceed an application rate of 0.75 inches per hour, unless approved in the landscape design package and overspray or runoff is avoided (e.g., the toe of the slope drains entirely to permeable surfaces). (LMC 13.25.050(C)(7)(h))

Indicate if any supplemental explanations related to any item in the above table are attached and identify the topics: _____

Certification

I have reviewed the Livermore Municipal Code Chapter 13.25 requirements; have completed this form to the best of my knowledge; am an architect, landscape architect, or landscape contractor licensed by the state in good standing; and I certify that the landscape project has been installed in substantial accord with the approved landscape design package pursuant to Livermore Municipal Code Chapter 13.25.

Name (Print) _____

Title: _____

Contact information:_____

Date: _____

Signature _____

License type and number
(and/or signed stamp below)