

## CHAPTER 24 – SUBDIVISIONS

Sec. 24-142. Construction and Post-Construction Stormwater Management; Operation and Management of All Existing and New Post-Construction Stormwater Structures.

(a) All stormwater management practices shall be designed to convey stormwater to allow for the maximum removal of pollutants and reduction in flow velocities. This shall include but not be limited to all of the following goals:

- (1) Maximizing of flowpaths from inflow points to outflow points.
- (2) Protection of inlet and outfall structures.
- (3) Elimination of erosive flow velocities.
- (4) Providing of underdrain systems, where applicable.

(b) All existing and new drywells located within the City shall be registered, per State law, with ADEQ.

- (1) The drywell owner shall provide the City with the drywell registration information.
- (2) No sooner than one year and within three years of the drywell in operation, the drywell owner shall submit to the City the appropriate administration fee and documentation of an inspection of the drywell.
- (3) The inspection shall be conducted by a professional engineer or landscape architect properly registered with the Arizona Board of Technical Registration or licensed contractor by the Registrar of Contractors, identified to conduct drywell inspections.
- (4) Upon inspection of a drywell, if repair and/or maintenance of the drywell are necessary, proof of the repair and/or maintenance of the drywell must be provided to the City within four months of the inspection.
- (5) Subsequent drywell inspections and applicable administrative fees and submittals to the City shall be completed every five years.

(c) Drainage basins shall be designed based on the Drainage Design Manual for Maricopa County Volume III Erosion Control and shall be drained within 36 hours of a storm event. In the case that the drainage basin does not meet the appropriate standards, the City will determine the appropriate actions deemed necessary to meet the standard outlined in the Drainage Design Manual for Maricopa County Volume III Erosion Control.

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