

# COACHELLA VALLEY WATER DISTRICT HYDRAULIC MODEL CHECKLIST

Tract/Parcel No. \_\_\_\_\_ Date: \_\_\_\_\_

Project Common Name: \_\_\_\_\_

Developer: \_\_\_\_\_ Phone: \_\_\_\_\_

Engineer: \_\_\_\_\_ Phone: \_\_\_\_\_

Engineer Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

## Hydraulic Modeling for

Domestic       Sanitation       Both

## GENERAL

- \_\_\_1. Letter from Developer requesting Hydraulic Modeling Process be initiated.
  - a. Letter received from developer (Date: \_\_\_\_\_)
- \_\_\_2. A \$5,000 deposit for the Hydraulic Modeling Service.
  - a. Deposit received (Date: \_\_\_\_\_ Receipt # \_\_\_\_\_)
  - b. CVWD's SunGard Project No. ST \_\_\_\_\_ )
- \_\_\_3. Project site map.
- \_\_\_4. Tentative Tract Map.
- \_\_\_5. Information to determine number of equivalent dwelling units (for all project phase)\*:
  - a. Raw acreage of development
  - b. Number and type of units
  - c. Non-residential facilities including square footage of each land use type
  - d. Other necessary information such as number of seats, tables, rooms, etc.
- \_\_\_6. Preliminary engineering plans for domestic water and sanitation pipelines within the proposed development.
  - a. Plans must indicate the proposed pipe size
  - b. Plans must include proposed elevations of facilities
- \_\_\_7. Letter from the Fire Marshals or Conditions of Approval indicating the development's fire flow requirement(s).
  - a. Fire flow(s) shall be stated in gpm
  - b. Duration shall be indicated (hours or minutes)
  - c. Letter must be for a specific project

Note: Any changes to the size of the development, units, land use, pipeline design may require that the model be re-run at the Developers expense.

