LAS VEGAS VALLEY WATER DISTRICT

ENGINEERING SYSTEMS

TECHNICAL BULLETIN NO. 12

July 1994

SCHEDULING INSPECTION SERVICES

For several years the District and those individuals who use the inspection services provided by the District have used the following two part general procedure to schedule inspections:

1. Initial notification to the District for the start of work on a project has been accomplished by contacting Customer Services on the telephone and establishing a work order identifying the start-of-work-date.

2. Subsequent inspections have been scheduled between the contractor's Supervisor and the Inspector at the worksite, or by calling Customer Services prior to 2 p.m. on the day preceding the need for an inspection and asking that a work order be established.

In an effort to provide better service to the customers of the Inspection Division, commencing July 1, 1994, the same general procedure as outlined above will continue, except, the calls should then be made to **258-7171**. This is a special telephone number set up for this purpose.

The Inspection Division recommends that reasonable scheduling of subsequent inspections is most effectively arranged at the worksite by communication between the contractor's Supervisor and the Inspector. We encourage this type of scheduling effort rather than the use of the telephone call/work order path, however, both methods will remain available for your use.

To reiterate, to set up inspection services such as the following, call **258-7171**:

- Start of work on a new project
- Pressure test
- Chlorinate system and take high residual reading
- Water sample
- District Certificate of Occupancy
- Final inspection

** Please note that setting up work such as hiring the District to perform wet taps or hiring the District to set a meter on a fire hydrant for construction water are not items which may be scheduled through inspection services. Items such as these must be coordinated with the Business Office. The Business Office may be reached by calling Customer Services at 870-4194. **

PAINTING LARGE METERS AND CHECK VALVES

The Inspection Division would like to call attention to the requirements of Division 15 - Paintings and Coatings of the District's Standard Specifications and Plates for Developer Water Facility Projects.

With regard to the large meter vaults for meters (3" through 10" diameter) and to the large above-ground double check and RPPA assemblies (3" through 10" diameter), consideration must be given to the painting and coating requirements.

Since these assemblies are hidden from public view by the vault or by the insulated enclosure, if above ground, the District is not generally concerned with a uniform paint color. The District is concerned that all ferrous metal (pipe, partially embedded spools, pipe supports, couplings, etc.) have an acceptable coating of the proper thickness. Since these assemblies are typically made up of several components, many of which may have a factory-applied coating, we ask for your assistance in making sure that any uncoated or undercoated components in these locations have the surface properly prepared and be given a field-applied 8-mil-thick coat of paint as required by the referenced specifications.

PRESSURE LOSSES AT LARGE SERVICES

The design of onsite distribution and fire protection systems must take into consideration the pressure losses at the point of service. A pressure loss of up to 4 psi can be realized through fire service meters, and 12 psi through alternate fire service meters. Additionally, a pressure loss of up to 14 psi can occur through the backflow prevention assemblies. These pressure losses do not include the losses realized in the piping and fittings.