



City of Phoenix  
Water Services Department

**Standard Procedure for Bacteria Sampling of Newly Disinfected Water Mains**

The City of Phoenix, Water Services Department, Water Quality Inspectors will perform sampling for tests of newly, disinfected water mains upon request by the appropriate City representatives. Samples shall be taken from risers with a hose bibb (2 to 4 feet off the ground pointing downwards) that connect to a corporation stop or directly to the main. Sampling from fire hydrants will not be permitted.

The minimum number and spacing of sampling points shall be as follows. Water lines up to but less than 150 feet in length require one sampling riser installed near the end; lines 150 feet to 300 feet in length, two (2) sampling risers, one near each end of the line; lines 300 feet to 3000 feet in length, a minimum of three (3) sampling risers; one additional sampling riser is required for each additional 1000 feet or fraction thereof over 3000 feet. In addition, dead ends on main lines (i.e., cul-de-sacs) should be provided with a sampling riser. Sampling points shall be distributed throughout the job and located to obtain representative results.

A request by the appropriate city representative for sampling should be submitted in writing to the Pollution Control Division (PCD), Water Monitoring Section office no later than 4 p.m. the day prior to sampling. Sampling requests are to be faxed to PCD at 602-534-7151. Results of the laboratory analysis of a sampling will be interpreted by PCD and reported to the requesting City representative via FAX. Under no circumstances should the contractor or the requesting City representative contact the Laboratory for results. When follow up is necessary, it may be requested through the PCD, Water Monitoring Section.

A handwritten signature in black ink, appearing to read 'Carlos Padilla', written over a horizontal line.

Carlos Padilla, P.E.  
Assistant Director for Water Services Department